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Series: Bromley, D. Allan, Files
Subseries: Correspondence Files

OA/ID Number: 62001
Folder ID Number: 62001-004

Folder Title:
D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

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THE WHITE HOUSE

WASHINGTON

June 12, 1991

Dear Messrs Salam and Emmerji:

Thank you for your letter of May 22, 1991, inviting me to the academy's roundtable scheduled for April 22-24, 1992. I apologize for the much belated response.

Since the date is so far in advance, would you please contact me again in the early part of 1992? As I am sure you are aware, Presidential requests require that I have a great deal of flexibility in my scheduling, particularly so close to an election, but I will be happy to try to accommodate your request.

I appreciate your thinking of me again and look forward to hearing from you early next year.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with a large initial "D" and a stylized "B".

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

Messrs Salam and Emmerji
The Third World Academy of Sciences
P.O.B. 586 Miramare Strada Costiera 11
34100 Trieste Italy

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121637

SPEECH: YES NO

FROM: SALAM, Abdus and Louis Emmerij: THE THIRD WORLD
ACADEMY OF SCIENCES

DATE OF EVENT: 04/22/91

LOCATION OF EVENT:

TIME OF EVENT:

SUBJECT: INVITATION TO THE ROUNDTABLE ON "THE ESSENTIAL ROLE
OF SCIENCE IN TECHNOLOGICAL PROGRESS AND ECONOMIC
DEVELOPMENT" WHICH WAS ORIGINALLY PLANNED FOR
08/29-31/91.

RSVP: 06/19/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: INTERNATIONAL/POL

REMARKS:

DATE OF LETTER: 05/22/91

DATE RECEIVED: 06/05/91

FILE: INVITATION*INTERNATIONAL



THE THIRD WORLD ACADEMY OF SCIENCES

RECEIVED

OFFICE OF THE EXECUTIVE SECRETARY:

INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS 34100 TRIESTE (ITALY) - P.O.B. 586 - MIRAMARE - STRADA COSTIERA 11
TEL.: (040) 2240-1 - CABLE: CENTRA OM ALEX 40392 ICTP I

OFFICE OF THE
DIRECTOR

22 May 1991

Dear Mr. Bromley,

We are writing to you in connection with our former invitation for the roundtable on 'The Essential Role of Science in Technological Progress and Economic Development', which was planned to take place on the 29,30 and 31 August 1991.

Upon the request of many colleagues, who wanted to attend the roundtable but were unable to come, we have decided to postpone it to next year. The roundtable will take place from the afternoon of the 22 April to the 24 April 1992, (after Easter).

We would therefore like to cordially invite you to this meeting in the hope that the dates will be more suitable to you for your participation. You will find herewith enclosed the background information, as well as the amended draft agenda.

As we previously mentioned your living expenses here in Trieste will be covered by The Third World Academy of Sciences (TWAS) and the International Centre for Theoretical Physics (ICTP). Furthermore, should you or your organisation be unable to cover your travel expenses, we will be happy to do so.

Looking forward to hearing from you soon.

With best regards.

Yours sincerely,

Abdus Salam

Abdus Salam

Director of ICTP, President of TWAS

Louis Emmerij

Louis Emmerij

President of OECD Development Centre

Mr. D. Allan Bromley
Office of Science and Technology Policy
Old Executive Office Building
Washington, D.C. 20506
U.S.A.

THE WHITE HOUSE

WASHINGTON

June 4, 1991

Dear Dr. Stenbaek:

Thank you for your letter of April 11, 1991, inviting me to be a keynote speaker at the opening session of the Polartech '92 conference scheduled for January 22-25, 1992.

I would very much like to attend the conference and would tentatively accept your invitation. However, because that particular time is during our budget season, I cannot make a firm commitment this far in advance. Please write to me later this fall, and by that time I should be able to give you a definite answer.

Thank you for thinking of me. I look forward to hearing from you later this year.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with a prominent loop at the end.

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

Dr. Marianne Stenbaek
Director
Centre for Northern Studies and Research
McGill University
Burnside Hall - Room 720
805 Sherbrooke Street West
Montreal, Quebec, Canada
H3A 2K6

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9121197

SPEECH: YES NO

FROM: STENBAEK, Marianne: McGILL

DATE OF EVENT: 01/22/92

LOCATION OF EVENT: MONTREAL

TIME OF EVENT:

SUBJECT: INVITATION TO BE THE KEYNOTE SPEAKER AT THE OPENING
PLENARY SESSION OF THE POLARTECH '92 CONFERENCE.

RSVP: 05/06/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: Dr. Phillips
Thomas Ratchford

REMARKS:

DATE OF LETTER: 04/11/91

DATE RECEIVED: 04/22/91

FILE: INVITATION-SPEECH



McGill

Centre for Northern Studies and Research

McGill University
Burnside Hall
Room 720

805 Sherbrooke Street West
Montreal, Quebec, Canada
H3A 2K6

RECEIVED

APR 22 2:25

Tel.: (514) 398-6052
Fax: (514) 398-8364
Telex: 05 268510

OFFICE OF THE
DIRECTOR

April 11, 1991

Mr. D. Allan Bromley
Science Advisor to the President
and Director of the Office of S&T Policy
Room 358 - Old Executive Office Bldg.
White House Complex
17th & Pennsylvania NW
Washington, DC 20506

Dear Mr. Bromley,

On behalf of the executive organizing committee I want to take this opportunity to officially invite you to be a keynote speaker at the opening plenary session of the Polartech '92 conference. This very prestigious and multi-faceted event will take place in Montreal, January 22-25, 1992. Polartech '92 will involve some 400 to 500 participants from all the circumpolar countries as well as other countries interested in the development of polar technologies. There will be scholars, professionals, civil servants, entrepreneurs from these regions.

The general theme of Polartech '92 is the development and commercial utilization of technologies in polar regions. The sub-themes are:

- a. Application of Polar Technology
- b. Offshore and Onshore Hydrocarbon Technology
- c. Hydropower and Mining Technology
- d. Polar Environment and Technology
- e. Small Businesses and Technology.
- f. Polar Telecommunications

It will also be a multi-faceted event because it follows immediately upon the Fifth Winter Cities Biennale, staged by the City of Montreal and includes a Mayor's conference forum, a competition of ideas, an exhibition, as well as a "Business Rendez-Vous" organised by the Chamber of Commerce and business people, all of these events will be combined with a comprehensive cultural and social program. The whole focus of this week in Montreal will be 'northern regions'.

.../2

POLARTECH '92



Mr. D. Allan Bromley
April 11, 1991
Page Two

We are inviting all the ministers of science and technology/industry from the circumpolar countries. It is our expectation to make the first day a very high-powered and high profile introduction and discussion of the circumpolar countries' expertise and future development of polar technologies.

As one of our keynote speakers, we would ask of you to speak about development and application of polar technology in your country. We hope that our invitation will interest you and that you will find time in your busy schedule to make room to make this international event a truly successful one.

We look forward to hearing from you.

Sincerely Yours,



Marianne Stenbaek, Ph.D.
Director
Centre for Northern Studies and Research

encl.

THE WHITE HOUSE

WASHINGTON

April 18, 1991

Dear Mr. Stettes,

I am delighted to receive from you the Sixth Edition of the National Geographic Atlas of the World, particularly with its personal inscription from Mr. Grosvenor.

I am afraid that he and I started our telephone conversation with wildly wrong information at both ends and so our discussion was a little strange until we were able to sort things out.

I want to take this opportunity to congratulate all of you at the National Geographic Society for your participation in what will be an absolutely unique experiment taking advantage of the Kuwait oil fires to study, in a way never before possible, the injection of large amounts of carbon particulates into the atmosphere.

Your help has been of critical importance in putting together the international effort that is needed to obtain the maximum amount of information while this experimental situation exists, and I fully anticipate that your magazine will play a very major role in conveying that, and related information, to an interested public.

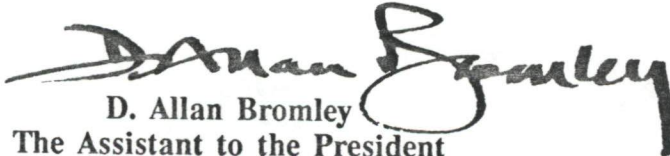
As one of those who grew up waiting avidly each month for the newest National Geographic as a vehicle to vicarious travel to the farthest reaches of the planet, I realize that I owe the Society over 50 years of heartfelt thanks.

Again, my special thanks for the Atlas of the World which I shall put to excellent use.

Please convey these thanks to Mr. Grosvenor.

With all best wishes,

Sincerely yours,



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

Mr. Steven S. Stettes
Assistant to the President
National Geographic Society
Washington, D.C. 20036

TELEPHONE
(202) 828-5689
TELEX 64194
FAX (202) 775-6141

CABLE ADDRESS
NATGEOSOC, WASHINGTON

National Geographic Society

COMMITTEE FOR RESEARCH AND EXPLORATION
WASHINGTON, D. C. 20036

STEVEN S. STETTES
ASSISTANT SECRETARY

April 16, 1991

The Honorable D. Allan Bromley
Assistant to the President
for Science and Technology
Old Executive Office Building, Suite 358
17th Street & Pennsylvania Ave., N.W.
Washington, D.C. 20506

Dear Mr. Bromley:

On behalf of Mr. Gilbert M. Grosvenor, President and Chairman of the National Geographic Society, please accept the accompanying Sixth Edition National Geographic Atlas of the World. As indicated by Mr. Grosvenor's personal note inside the front cover, he hopes that the accuracy of the atlas will prove to be better than his initial information regarding the Office for Science and Technology.

Also included with this letter is background information on the Society's effort to raise support for the Kuwait Oil-Well Fire Atmospheric Assessment Project. Progress is continuing as the Society, in cooperation with the National Center for Atmospheric Research (NCAR), the University Corporation for Atmospheric Research (UCAR), and several universities seek to develop a two-phase scientific atmospheric assessment plan to collect and measure air pollutants generated by these fires. The project is being coordinated by the National Science Foundation.

Please note that our efforts are focused from a scientific research perspective. This is not a media or journalistic endeavor on the part of the Society. Our goal is to bring public and private interests together to produce valuable scientific data for basic research.

Any assistance or advice in this effort would be greatly appreciated. Mr. Grosvenor would welcome a telephone call [(202) 857-7788] should you have any questions, or to further discuss this project.

Sincerely,



Steven S. Stettes
Assistant to the President
Kuwait Oil-Well Fire
Atmospheric Assessment Project

KUWAIT OIL-WELL FIRE ATMOSPHERIC ASSESSMENT PROJECT

April 1, 1991

Introduction

The 500+ oil-well fires currently burning in Kuwait offer a unique opportunity to study the impact of massive fossil fuel fires on weather and climate systems in the Persian Gulf region. The magnitude of these fires is unprecedented, and indeed the impact may be global in scale.

The National Geographic Society, in cooperation with the National Center for Atmospheric Research (NCAR), the University Corporation for Atmospheric Research (UCAR), and several U.S. universities, is developing a two phase scientific atmospheric assessment plan to collect and measure air pollutants generated by these fires. These efforts, as well as those by other interested scientific organizations and Federal agencies are being coordinated by the National Science Foundation.

Objectives

The following are objectives of the overall atmospheric assessment plan:

- To identify and characterize the regional emission rates of smoke particles and trace gases;
- To measure radiative properties of the smoke particles, and the net radiative effects of the plumes, while focusing on how the radiation affects the altitudes of the plumes, and the stability of the atmosphere;
- To measure individual characteristics of the smoke particles and determine if the particles have a hygroscopic (moisture retention) component, (or if they acquire such a component through chemical transformations) that would accelerate their removal from the atmosphere;
- To search for direct evidence that smoke particles are scavenged in clouds, and to determine the effects of the smoke on the composition and radiative properties of clouds;

- To measure the chemical composition of the collective smoke plumes, and determine how the composition may change with time. Such measurements will aid in developing estimates of the atmospheric residence time of the smoke;
- To track, and map, the atmospheric extent of the distribution of pollutants from the oil-well fires;
- To study regional weather anomalies associated with these smoke emissions.

Plan Outline and Methodology

PHASE ONE

The primary tools to be utilized are research aircraft of the National Center for Atmospheric Research (Lockheed *Electra*) and the University of Washington (Convair C-131A).

The *Electra* aircraft is currently undergoing inspection and repairs by the Zantop Corporation in Macon, Georgia. It will soon return to Boulder, Colorado where it will be calibrated and extensively equipped with instrumentation to provide smoke aerosol characterization, to study aerosol/cloud interactions, to measure (by a combination of *in-situ* and remote sensing) the regional mass flux of aerosols and trace gases, to detail the chemistry of the smoke and its alterations with time, and to examine the dynamical interactions of solar heating on the smoke plume. With more than twice the range of the Convair, and a superior service ceiling, the *Electra* will devote extra effort to the long distance plume assessment.

The Convair C-131A, with a long history of studying large fires, is similarly equipped with special strengths for characterization of the optical properties of the smoke and the spectral albedo of the smoke plume. Grab samplers will be deployed to measure specialized emission factors by means of carbon balance methods.

A key element in effective use of the aircraft and in regional plume impact assessment will be the analysis of satellite imagery. Analysis of this imagery, together with plume trajectory modeling, will allow the aircraft to intercept plume fragments well downwind, and in regions of plume/cloud interaction.

PHASE TWO

Phase two will focus on longer term issues and will emphasize surface based monitoring. Additional atmospheric testing by aircraft will be continued as necessary. Surface sampling and analysis stations will focus on issues dealing with radiation balance, optical depth and precipitation chemistry, and will include at least one research grade meteorological radar to observe precipitation formation over heat sources, in the downwind plume zones, and in unaffected areas to seek to identify acute meteorological anomalies.

Some elements of phase two will be of sufficient long-term duration to assess the results of the decay of the sources as fires are extinguished. The surface albedo will be assessed in areas with both wet and dry deposition of soot, and compared to areas with no soot fallout.

Project Participants

The total number of project participants in the Persian Gulf region is estimated at 30, and will include scientific, operational and technical personnel. Supplemental and related studies may include additional individuals for numerical modeling efforts aimed at simulating the transport, chemical and nucleation properties of the smoke plume and it's attendant precipitation.

The following are organizations and agencies currently involved in this project:

- Desert Research Institute, University of Nevada
- Drexel University
- University of Hawaii
- National Center for Atmospheric Research (NCAR)
- National Geographic Society
- National Oceanic and Atmospheric Administration (NOAA)
- National Science Foundation (NSF)
- Rhode Island University
- University Corporation for Atmospheric Research (UCAR)
- University of Washington
- United States Geological Survey (USGS)

Efforts are underway to enlist assistance from the U.S. Department of Commerce, the Department of Defense (DOD)/Joint Chiefs of Staff, the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Department of State.

Anticipated Costs

In addition to political support from the U.S. government, a minimum of \$1.66 million must be raised to fund this project. The breakdown of necessary funding is as follows:

•National Center for Atmospheric Research*	\$ 836,000
•University of Washington	725,000
•University of Hawaii	60,000
•Desert Research Institute	40,000

TOTAL	\$1,661,000

*(The NCAR budget includes participation by Drexel University and Rhode Island University)

Fuel costs alone are estimated at +/- \$200,000, and efforts are underway to seek contributions by the military of fuel for the project aircraft. In addition, it is hoped that the U.S. military in the region may be able to provide housing and food for the program participants, and security for project operations.

Cooperation is also being sought from other agencies or organizations that may have weather reconnaissance aircraft and/or weather radar already in the area.

Program Schedule

The phase one airborne atmospheric assessment component of the project is scheduled to depart the United States by May 1, 1991 for a field operation of approximately 30 days duration. The project design is for each aircraft to fly an estimated 100 hours of research missions based out of either Bahrain or Dhahran, Saudi Arabia.

The timing of this project during the month of May is critical for the following reasons:

- It is the earliest that the airborne teams can reasonably depart;

- It is the crucial meteorological transition to the dry season which will allow the observation of smoke plumes under both cloudy and cloud-free conditions;
- Climatological modeling of plume trajectories shows that during this time plumes will remain in airspace accessible to aircraft more than 80% of the time.

The phase two schedule remains to be outlined, and is subject to the outcome--and the success--of the highly critical first phase of this project.

THE WHITE HOUSE

WASHINGTON

April 17, 1991

MEMORANDUM TO VICKIE V. SUTTON

FROM: D. ALLAN BROMLEY

Quar

SUBJECT: "THE ANTS"

Many thanks for sending me the material about the award of the Pulitzer Prize to E.O. Wilson. He has been working on the background material for **The Ants** for much of his professional life, and on various occasions I have heard him give absolutely fascinating talks on what might otherwise have been an excruciatingly dull topics. I am delighted to see that all these years of work have been recognized in such outstanding fashion--and, of course, it was great that we had him as a PCAST guest before he received the Pulitzer Prize.

I appreciate your thoughtfulness in identifying articles and input of this sort that I might otherwise have missed entirely.

APRIL 10, 1991

NOTE TO D. ALLAN BROMLEY

FROM: VICKIE V. SUTTON

SUBJECT: E. O. WILSON, PULITZER WINNER

E. O. Wilson was awarded the Pulitzer Prize for his non-fiction book, "The Ants", while you were out of town. Since E.O. Wilson appeared very recently before PCAST to discuss his biodiversity work, I thought you might like to know of his recent award.

I have attached The Post article covering the story.

CC: Nancy G. Maynard
Tom Ratchford

Edward O. Wilson, Giving Birth To History

By Charles Trueheart
Washington Post Staff Writer

Any historian would have been gratified to win the profession's highest honor, the Bancroft Prize, as Laurel Thatcher Ulrich did last Thursday for her book "A Midwife's Tale." Yesterday that book won her the equivalent civilian accolade, the Pulitzer Prize for history.

"A Midwife's Tale: The Life of Martha Ballard, Based on Her Diary, 1785-1812," published by Alfred A. Knopf, is unconventional social history. The story Ulrich tells is very much a challenge to commonly held attitudes about women's contributions to medical and economic life two centuries ago.

Ulrich's book is based on the diary that a frontier midwife kept for 27 years. Speaking yesterday from Durham, N.H., where she is an

See ULRICH, B11, Col. 1



Laurel Thatcher Ulrich, winner for history.



John Updike, winner for fiction.



Mona Van Duyn, winner for poetry.

Edward Wilson: 'Ants' on Top Of the Hill

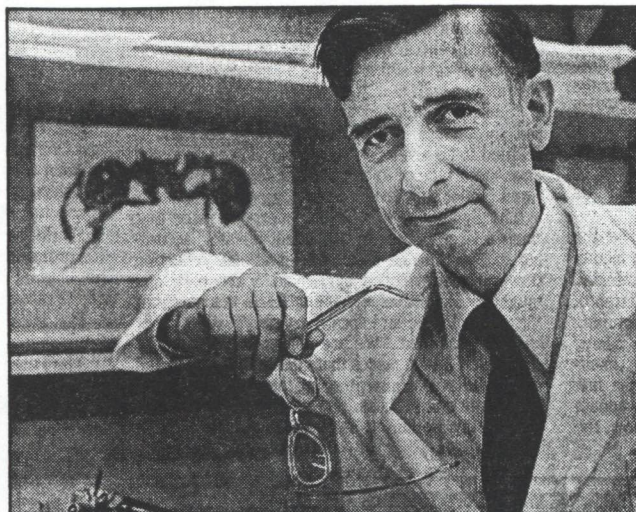
By Ken Ringle
Washington Post Staff Writer

For Harvard entomologist Edward O. Wilson, whose theories of sociobiology were once hotly denounced as politically incorrect if not racist, yesterday's Pulitzer Prize for nonfiction was his second in 12 years. The work was an unlikely candidate for lionization: a \$65, 732-page paean to the ant.

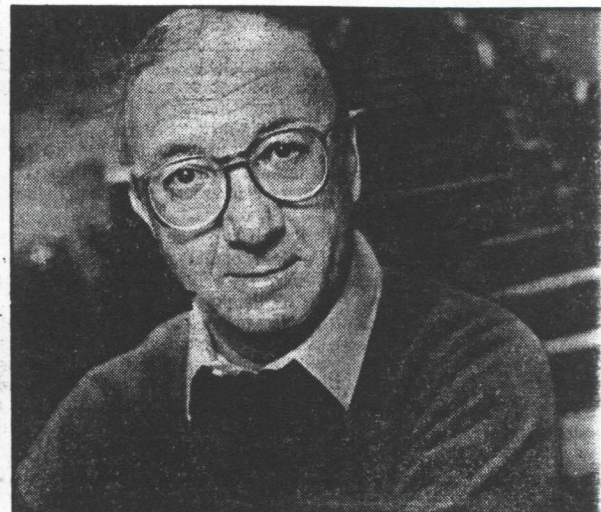
Once asked by an insouciant reporter what happens when he finds an ant in his house, the bespectacled Boswell of bugs replied, after a moment of puzzlement, "I suppose I'd be more inclined to watch it than squash it."

A lifetime of such watching produced "The Ants," written with fellow Harvard zoologist Bert Holldobler, which reviewers unanimously celebrated as that

See WILSON, B4, Col. 1



Entomologist Edward O. Wilson, Pulitzer winner for nonfiction.



Playwright Neil Simon, Pulitzer winner in drama for "Lost in Yonkers."

John Updike: In the Debt Of 'Rabbit'

By Charles Trueheart
Washington Post Staff Writer

In "Rabbit at Rest," the fourth and last of his once-every-decade novels chronicling the life and times of Harry "Rabbit" Angstrom, John Updike finally puts an end to his character. Rabbit, who as a young man shot hoops in the opening scene of the first book, "Rabbit, Run," collapses on a basketball court

near the end of the last book, and soon perishes.

Yesterday, upon hearing the news that "Rabbit at Rest" had won him his second Pulitzer Prize for fiction, Updike confessed a guilty kind of debt to Rabbit. "He managed to win this prize for me," Updike said. "I feel like a heel having treated him so badly."

Except for a period when it went unanswered, Updike's home telephone in Massachusetts was busy almost constantly yesterday afternoon and evening. Hillel Italie of the Associated Press managed to get through long enough to hear Updike say he had done some research on the only other two-time Pulitzer fiction winner. Booth Tarkington won for "The

See UPDIKE, B11, Col. 3

Neil Simon: A Few Laughs Along the Way

By Megan Rosenfeld
Washington Post Staff Writer

Neil Simon, the prolific playwright who said recently that he "will never win the Pulitzer" for drama because he is considered too commercially successful, won that prize yesterday for his latest work, "Lost in Yonkers." Simon, 63, has been writing plays for 30 years, making

his name and fortune with lightweight comedies but turning the past decade toward somewhat darker themes drawn more directly from his own psyche and trouble childhood.

"I'm truly overwhelmed and thrilled," Simon said from a hotel in Hawaii, through the press agent of the play. "I would have been disappointed if I hung up my pen without ever getting one. But I guess if I was going to get one in any play I'm glad it was 'Lost in Yonkers.' And now I hope to get every 30 years like clockwork."

The play, set in 1942, is about two brothers whose mother has died, leaving their father in debt to her medical bills. Needing to trade as a salesman to make money, he

See SIMON, B4, Col. 1

Fashion

Calvin Klein, at a Crawl

In New York, Todd Oldham Picks Up the Sportswear Pace



By Cathy Horyn
Washington Post Staff Writer

NEW YORK, April 9—At Calvin Klein, the social set braced itself for more understatement. Retailers swooned, the S-word on their lips. Salable. At Randolph Duke, the sticky scent of gardenias and sweat dampened the air. The gardenias were lovely, the clothes a bore. And at Todd Oldham, there were a couple of guys in drag. Now they were fun.



Sharon Maughan and Tony Head in a Taster's Choice commercial.

Neil Simon Wins for 'Lost in Yonkers'

SIMON, From B1

leaves the children with his fierce and uncompromising mother and his dear but adored sister. Simon has said that while he was writing the play the character of the sister, Bella (played by Mercedes Ruehl), took over, as her awkwardly articulated need for love—she wants to marry an usher in the local movie theater and have children—becomes the emotional center of the play. The mother (played by Irene Worth) is a harsh, unloving matriarch whose four children have been damaged in different ways by her treatment. (Both Ruehl and Worth are tipped to win Tony nominations for their performances.)

"Lost in Yonkers," Simon's 27th work, played in Washington prior to its Broadway opening in February. It got favorable but mixed reviews in New York, considered a likable but flawed play that ultimately may not be viewed as Simon's best.

The two brothers in the play are echoes of

Simon's own life and that of his older brother Danny, a relationship that has been mined in half a dozen other Simon plays starting with his first, "Come Blow Your Horn." While they never experienced the exact circumstances of "Lost in Yonkers," the Simon boys were let frequently with relatives during the many interruptions in their parents' volatile marriage. Simon's brother encouraged him ("pushed" is how it has sometimes been put) to become a writer, and for a time the two were joke writers for television shows in the 1950s.

In a departure from the usual procedure, Simon's win was announced prematurely on Monday by a California publicity agent who said she was a friend of Simon's wife, Diane Lander, and learned the news from her. Normally the Pulitzer Prizes, which are administered by Columbia University, are closely guarded secrets until the official announcement. There was no information as to how the news leaked out, or whether it was merely speculation.

Simon has been called the world's wealthiest playwright, worth \$30 million to \$35 million, according to a recent profile by David Richards in the New York Times Magazine.

His early, and regular, commercial success led Simon to be classified the "king of the one-liners," a reliably amusing writer and consummate craftsman but not one worthy of serious analysis. Starting with "Brighton Beach Memoirs" in 1963, however, Simon has delved more deeply into his memory bank and allowed the comedy to reveal pain as well—not always sufficiently for some critics. But viewed as a whole, the body of his work shows a marked progression from "Come Blow Your Horn" and "The Odd Couple" to "Biloxi Blues," "Memoirs" and "Yonkers," which are far more psychologically complex.

John Guare, author of "Six Degrees of Separation," and Craig Lucas, who wrote "Prelude to a Kiss," both running on Broadway, were finalists for the Pulitzer.

Entomologist Edward Wilson

WILSON, From B1

rarest of scientific publications—great research combined with great fun.

Chock-full of irresistible myrmecological trivia (the combined weight of all the ants in the world approaches one-third of the weight of all other animals combined) as well as such exactitudes as the chemical formulas for various ant signaling pheromones, "The Ants" was praised for its clear writing as well as its universal charm.

Such descriptions have not always greeted Wilson's books. His 1975 book, "Sociobiology: The New Synthesis," appeared to resurrect the explosive controversy over the role

of genetics in human behavior and intelligence.

Critics accused him of everything from academic uprightness to encouraging racism, some charging that his ideas smacked of the sort of eugenics that once fueled theories of genetic inferiority of blacks. His speeches were even picketed by black groups for a while.

Wilson, however, patiently sought to calm the storm, urging his detractors not to fear a scientific search for truth. In any case, he said, only about 10 percent of man's behavior appeared to be genetically based; the rest was largely a product of culture.

Wilson said he viewed his first Pulitzer, for

his 1979 book, "On Human Behavior," as "an affirmation if not a validation."

"It's not necessarily a certification that I'm right, but an affirmation that this is an important thing we should be talking about."

Wilson, 61, has often traced his interest in insects to the childhood years he spent in Washington hanging around the National Zoo and the Smithsonian museums. When his family later moved to rural Alabama, he said, he found an ideal environment for collecting and studying bugs.

For "The Ants" he teamed up with Hollobler, 54, a German-born ant authority who is the Alexander Agassiz professor of zoology at Harvard and a professor of behavioral physiology at the University of Wuerzburg. Together they found much for humans to emulate in ant behavior, but one major drawback: Ants don't know how to have fun.

PERFORMERS

Run-DMC

Hip-hop pioneers Run-DMC should win Academy Award for best actors in a horror. Only at the 9:30 club Monday night. Run, and Jan Master Jay weren't acting in "portrayal" of a bitter veteran hip-hop band's prime.

Maybe the band has a right to be upset; all it did open the doors to opportunistic scores of other hip-hop artists. As time passed and more hip-hop artists stormed that Run-DMC got trampled underfoot. But doesn't excuse the group for its decidedly ingert and combative tone during its 15-65-minute set, which featured mostly past like "King of Rock" and "It's Tricky."

During one of two delays caused by equipment problems, Run berated one disgruntled fan, starting, "You need to be snatched!" G. Run. Just what hip-hop music needs—sense violence.

—Gil Gr

Opera Gala

Maria Fisher's good idea is to build for row's opera audiences by exposing students both the delights of hearing and the challenges of performing the great dramatic scores, this end the Beethoven Society, of which president, underwrote the Landon Sch second Opera Gala, whose student and community orchestra was fortified with area professionals and whose vocal duties were summed by members of American University Opera Workshop.

Inevitably, Sunday evening's performance fell somewhere between a professional concert and a school recital. Conductor Richard Vennemann's brisk and inelastic tempos seemed more to student abilities than to musical id and the Washington Civic Opera Chorus's balances seemed less choice than fact. I understandable, given their more extensive sumes, were the vocal frailties and dramatic hyperbole of sopranos Elizabeth Kirkpatrick Venios and Willow Johnson.

But the Landon Little Singers, the 30-wo boys choir of this Bethesda academy, in charming music of the Spirits Chorus in

SEALERS

EXPIRES 4/27/91

WE QUIT . . . ALL 4 LO

CARPET CLEANING

FOR EVERY PETSTEP,

FOOTSTEP

THE WHITE HOUSE

WASHINGTON

April 18, 1991

Dear Bill,

By now you will, I hope, have received the large package of material that I forwarded some time ago following our meeting at Mt. Kisco. In particular, I hope that you will send back the marked-up calendar pages as soon as possible because the Carnegie folk are anxious to pin down a meeting date for us this autumn as soon as possible.

In addition to what I sent you, I promised that I would send you some notes on the U.S. position with respect to IIASA, and I include those notes herewith in the hope that they will be useful to you.

Despite our telecommunications difficulties, it was good to talk with you a week or so ago, and I am delighted to learn of your position and plans.

Recently the National Academy of Sciences has completed a report on the implications of global warming following a 20-month study by a distinguished group chaired by Senator Daniel Evans. The report is not yet fully available, but I shall include herewith a copy of its Executive Summary that was distributed at a recent press conference.

I was relatively pleased with this report because it presents the science and the policy issues in clear fashion, emphasizing uncertainties where those uncertainties are important. In the area of recommendations, I was delighted to see that so many were already being implemented by our programs or had already been proposed by us in, for example, the strategy document that I distributed to you when we were at Mt. Kisco. I was pleased also to note that in this report they include the potential of geoengineering projects that would address the natural, as opposed to the anthropogenic fluxes of greenhouse gases that are at least 20 times larger, and where relatively minor percentage changes could have the same global impact as draconic measures addressing the anthropogenic component only.

This Executive Summary will be supported by three major documents giving all the details to be published over the next one or two months. When these become available I shall be happy to send copies of them to you as well. I have the feeling thus far that this document collectively represents the best overall view of the problem that I have seen thus far. It specifically emphasizes the fact that we are not dealing with a crisis situation and again emphasizes that it is not appropriate at this time to take major mitigation approaches unless they have low cost or perhaps even net benefits.

I shall look forward to hearing from you so that we can schedule the next Mt. Kisco meeting and in the meantime will not hesitate to call you if something comes up on which I think we should share notes.

I was disappointed to learn that David Phillips has apparently made an irrevocable decision to close down the Darnsberry Laboratory because, indeed, I have no question whatever but what the group there has established for itself the best reputation of any of the physical science groups in the United Kingdom and, indeed, there will be many who will argue that in the whole field of nuclear physics Peter Quinn and his associates stand out as the individuals who have had the greatest impact on the science in the past decade, and who have given entirely new directions to this field of science. I had the distinct feeling during our visit here in my office that David's mind was fully made up so the decision does not come as a surprise.

With warmest best wishes,

Sincerely yours,



D. Allan Bromely
The Assistant to the President
for
Science and Technology

The Honorable William D. P. Stewart
Cabinet Office
70 Whitehall
London SW1A 2AS
England

Enclosures

U.S. PARTICIPATION IN THE INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS (IIASA)

In December 1989, the President determined that IIASA is doing useful scientific work and merits U.S. support. The U.S. has resumed full participation in IIASA and intends to provide substantial multi-year programmatic support on the basis of competitive, peer-reviewed research proposals.

On March 22, 1991 the National Science Board authorized support of \$2 million in 1991 for research programs at IIASA. The U.S. Government's commitment to providing continued funding for IIASA was made with the expectation that significant changes in IIASA's financial structure and research directions would be negotiated. The following highlights present considerations behind the decision to resume full participation.

Geo-political Changes

- o There has been a substantial change in the world political environment; many of the reasons for earlier concerns about IIASA in terms of security threats related to Soviet and Eastern European access are now greatly diminished.
- o Issues relating to the developing world are of rising importance, especially in relation to environmental issues. This implies a North-South as well as an East-West axis for IIASA.

Changes in Research Directions

- o A substantial past investment has been made by the United States in IIASA. By resuming full participation, the United States can have a more active role in redirecting the management and use of this unique facility towards important research topics.
- o IIASA can contribute substantially to research in the important area of global change research. A redirection of IIASA towards important environmental research goals will benefit the United States, and indeed the world. Global change research is multidisciplinary, multinational, and depends on computer modelling capabilities. IIASA has valuable experience and expertise in these areas which could be utilized to meet the major global environmental challenges we face.
- o Many of the economies in transition in Central/Eastern Europe, as well as the developing countries in other parts of the world, are facing major environmental and economic problems. The United States is anxious to help address these difficult problems in ways that will ensure both economic growth and environmental protection. IIASA can assist in this effort because of its East-West experience and expertise in developing decisionmaking models for complex interactions such as those regarding the relationship between economics and protection of the environment. Indeed, it already is carrying

out such studies for the Soviet Union and Central Europe and has developed some unique data bases.

- o IIASA can play an important role in a world network of global change research institutes. During the White House Conference on Science and Economics of Global Change in April 1990, the United States proposed the possible creation of three international institutes for research on the science and economics of global change as well as data and information transfers through a global change, communications network. The three would consist of IIASA (Europe/Africa), a Western Hemisphere institute and an Asian institute. The United States is currently working to establish the Western Hemisphere institute, and will host a meeting of interested nations to further develop the concept later this year. IIASA can fill a substantial role, not only by addressing environmental problems of Europe and Africa, but also providing a latitudinal coordination role in developing an information and communication network linking the regional institutes.

Strengthening the Leadership and Management

- o There has been an improvement in the quality of leadership associated with IIASA. In August 1990, Peter de Janosi, formerly the Vice President of the Russell Sage Foundation and previously the U.S. member of the IIASA Council, became the new Director of IIASA. He is improving the management and direction of the institute and is actively working towards establishing a more systematic and aggressive scientific staff recruitment process.
- o The U.S. National Committee for IIASA recently was reorganized under the chairmanship of Dr. Robert White, President of the National Academy of Engineering in Washington, D.C. He also serves as the U.S. member of the IIASA Council. Dr. White has a strong interest in the global change area and his involvement will help to ensure careful planning and oversight of the research program.

Improving the Quality of Research

- o Under the leadership of IIASA Director de Janosi, a five-year strategic plan will be formulated by IIASA with the advice and assistance of the member countries. The U.S. Committee and its Chairman, Dr. White, are playing a major role in developing this plan. The plan will provide longer lead time for the design and organization of top quality research projects and should be helpful in the establishment of more systematic financial planning for member countries.
- o The U.S. financial support will be given for broad research program activities and will be awarded on the basis of peer-reviewed, competitive proposals rather than in the form of annual dues. The research currently funded at IIASA received peer review and is in four program areas: the Environment and Ecology and Climate-Related Programs; the Population Program; the Technology, Economy and Society Program and the Systems and Decision Sciences Program.

Policy Implications of Greenhouse Warming

NAS
NAE
IOM

THE WHITE HOUSE

WASHINGTON

April 18, 1991

Dear Ted:

Many thanks for sending me a copy of your letter to **The Washington Post** pointing out the need for more media attention to educational achievements rather than failures.

I could not agree with you more and am frequently appalled at the slant that both the print and electronic media take to educational activities. It has now become fashionable to paint them in the blackest possible light.

Part of this, I am afraid, is the fault of the scientific community in that we have not been nearly as helpful or as accessible as we should have been to scientific journalists who, on the whole, have done a reasonably effective job of interfacing between the scientific community and a not always so interested public.

I would particularly take this occasion to congratulate you on the remarkable service that your organization has done over the years in publishing science news. I find that scanning it quickly each week is of enormous help to me in keeping up with new developments and, most important, I am confident that your writers and editors have done that most important of all check for your readers, namely, you have verified the fundamental accuracy of the reporting even when you cannot give corresponding guarantees concerning the correctness of the actual science.

You can be very proud of what you have accomplished with Science Service and it has been a pleasure to work with you.

With warmest best wishes,

Sincerely yours,



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

Dr. E. G. Sherburne, Jr.
President
Science Service
1719 N Street, Northwest
Washington, D.C. 20036

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9121009

FROM: SHERBURNE, E.G.: SCIENCE SERVICE

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 04/02/91

SUBJECT: THE MEDIA SHOULD FOCUS MORE ATTENTION ON EDUCATIONAL
ACHIEVEMENTS RATHER THAN PROBLEMS.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Thomas Ratchford
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 04/05/91

FILE: EDUCATION

SCIENCE SERVICE

1719 N STREET, N.W., WASHINGTON, DC 20036 • 1-202-785-2255

RECEIVED

91 APR 5 AIO: 59

APR 12 1991
DIRECTOR

Dr. D. Allen Bromley
Science Advisor to the President and
Director, Office of Science and Technology Policy
Executive Office of the President
New Executive Office Building, Room 5013
725 17th Street, N.W.
Washington, DC 20506

Dear Allen:

I am sending you the enclosed letter to The Washington Post since I don't know whether it will be published. I think that the media need to be pushed to pay more attention to educational achievements rather than concentrating on problems.

I also feel that there should be a lot more effort made to tell students that it is important to study science and mathematics (see enclosed letter to William Campbell). The Federal government might do something, but I think that if we could get corporations interested, they could make a big contribution.

The basic problem is very simple - Americans don't value education the way the Japanese do. And I don't think that any of our educational reforms are going to be very effective until the American attitude is changed.

Sincerely,

Ted

E. G. Sherburne, Jr.
President

ES:sm

Enc: Washington Post letter
Campbell letter

SCIENCE SERVICE

1719 N STREET, N.W., WASHINGTON, DC 20036 • 1-202-785-2255

April 2, 1991

Editor
The Washington Post
1150 15th St, N.W.
Washington, DC 20071

Dear Sir:

Now is the time that science fairs are being held all over the country, and so it was appropriate for you to run "Nature Abhors A Science Fair" (March 31, 1991).

It is sad, however, that the article featured an elementary school project, while The Washington Post provides at best only superficial coverage of high school science fairs. The achievements of the student participants are substantial, and some of their projects are actually at an undergraduate or graduate level.

Yes, what I said is true. Some science fair projects done by precollege students are at an undergraduate or graduate level. There is no country in the world that has the quality of the precollege independent science research done in the United States.

Whatever this country's problems are in science education, science fair entries are better than ever. You recognize achievement in high school sports. I think that achievement in science fairs deserves recognition as well.

Sincerely,



E. G. Sherburne, Jr.
President

ES:sm

SCIENCE SERVICE

1719 N STREET, N.W., WASHINGTON, DC 20036 • 1-202-785-2255

January 3, 1991

Mr. William B. Campbell
National Industrial Council for
Science Education
c/o Triangle Coalition
51 Berwyn Road
College Park, MD 20740

Dear Mr. Campbell:

I was talking to Dr. Ronnie Lowenstein the other day, and she mentioned the National Industrial Council for Science Education. It has occurred to me that you might be interested in the enclosed letter that I have sent to Science magazine. It is an amplification of one that appeared in C&E News about a year ago.

It is my feeling that too much of the thinking about science education ignores influences on precollege students that originate (or that don't, but should) from outside the classroom. While all of the influences I describe fall within the concerns of the Council, I think that those exercised by the media should be of particular interest.

You and I and our colleagues get together and tell each other how important science and mathematics education is, but with the exception of a few people who visit schools as volunteers, there is not much direct communication from the outside community to students on this subject. Certainly the mass media are not doing much.

Since most parents don't take a very strong position, the only people left are the teachers, who are inside. Their messages about the importance of science and mathematics education are very much weakened because of the lack of supporting messages from anywhere else. Why believe the teachers if nobody else says anything?

I think volunteer participation by industry personnel in school activities is useful, and could probably be used to a greater extent for this purpose. But it is not sufficient. What is needed is advertising to back up what might be called the point-of-sale efforts. And I don't mean a couple of Advertising Council ads. What is needed is a massive continuing campaign that is multicorporate, and that uses TV, radio, and print.

I think that it is important to point out that, while scientists know about science and educators know about education, it is the corporations that know about marketing and advertising. I would like to see corporations use their expertise, and that of their advertising agencies and public relations consultants, to convince students and their parents that science and mathematics education is important to them personally as well as to the corporations and to society. There is nobody better qualified to carry out this important mission.

Mr. William B. Campbell -- Page 2 -- January 3, 1991

If there is any interest in this, I would be glad to amplify my ideas. In addition to this, I will be looking for another job in the fall of 1991 when I retire from Science Service, and would like to be involved in an effort of this sort.

Sincerely,



E.G. Sherburne, Jr.
President

ES:yvt

cc: Dr. Ronnie Lowenstein,
Triangle Coalition

Bill Ruhl, Bell Atlantic

Enc: Science article and letter

THE WHITE HOUSE

WASHINGTON

April 9, 1991

Dear Dr. Schiff:

Thank you for your letter of March 4 inviting me to speak at the annual AIRI meeting to be held in San Antonio, September 3-6, 1991. I apologize for the much belated response.

As much as I would like to join you I must regretfully decline due to a previous commitment at that time.

Thank you for thinking of me and let me 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 a long horizontal stroke extending to the left.

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

Dr. Gilbert M. Schiff
Acting President, AIRI
President, Gamble Institute of
Medical Research
2141 Auburn Avenue
Cincinnati, Ohio 45219



James N. Gamble Institute of Medical Research

2141 Auburn Avenue/Cincinnati, Ohio 45219/Development Office (513) 369-2904/Fax (513) 241-3899

March 4, 1991

The Honorable D. Alan Bromley, Ph.D.
Assistant to the President for Science
and Technology
Old Executive Office Building
17th and Pennsylvania Avenue, NW
Washington, DC 20506

Dear Dr. Bromley:

I am delighted to invite you to speak at the annual meeting of the Association of Independent Research Institutes (AIRI) at the Hyatt Regency (Riverwalk) in San Antonio, September 3-6, 1991. You would be a participant in the session, "Biomedical Research in the 1990's; Priority areas, Funding, Role of Independent Research Institutes," scheduled for the morning of September 4, 1991. You would speak on behalf of Administration. Other speakers would be:

On behalf of Congress: Congressman Henry Waxman (invited)

On behalf of industry: Leigh Thompson, M.D., Group Vice
President, Eli Lilly & Company (accepted)

On behalf of state legislatures: Senator Stanley Aronoff,
President of the Ohio Senate
(accepted)

Your prepared remarks would be geared for 30-35 minutes, followed by a 10 minute question/answer period from the audience.

There are 80+ members of AIRI. I have enclosed a 1990 listing of the membership. AIRI members are current recipients of 10% of NIH extramural funds and list eight Nobel laureates among their active investigators. The AIRI members are private, not-for-profit institutes conducting biomedical and behavioral science research. The biomedical research involves "state-of-the-art" basic and clinical research with more emphasis on the former. At the meeting, there will be 90-100 scientific and/or administrative directors from AIRI member institutes in the audience.

This year's annual meeting is being held in San Antonio to help celebrate the 50th anniversary of the Southwest Foundation for Biomedical Research. I understand your time constraints and busy schedule, but if you

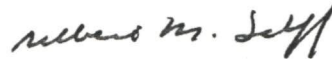
Alan Bromley, Ph.D.
Page 2

March 4, 1991

are able to accept my invitation, I hope you will also attend other meeting sessions and scheduled social activities. An outstanding meeting is planned (I have enclosed a copy of the 1990 program).

Please contact me or Maureen Tracey (Executive Assistant to the President) at 513-369-2582 as soon as possible concerning this invitation.

Sincerely,



Gilbert M. Schiff, M.D
Acting President, AIRI
President, Gamble Institute of
Medical Research

GMS/mb
Enclosures

WS:SPEAKERS.INV
03/04/91:MB:A17

THE WHITE HOUSE

WASHINGTON

March 29, 1991

Dear Dr. Silverman:

Thank you for your letter of March 13, 1991, inviting me to participate as a panelist on a telecast with the Soviet Union. I apologize for the much belated response.

The number of requests I receive is overwhelming and growing, and I am finding it necessary to regret almost all of them. As much as I would like to join you, I must regretfully decline.

I appreciate your thinking of me and wish you success in this commendable endeavor.

Sincerely yours,

A handwritten signature in dark ink, reading "D. Allan Bromley". The signature is written in a cursive style with a large, stylized "D" and a long, sweeping underline.

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

Dr. Gary S. Silverman
Director
College of Health and Human Services
Bowling Green State University
Bowling Green, Ohio 43403-0280

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120775

SPEECH: YES NO

FROM: SILVERMAN, Gary S.: BOWLING GREEN STATE UNIVERSITY

DATE OF EVENT: 04/19/91

LOCATION OF EVENT: TOELDO, OHIO OR DETROIT, MICHIGAN

TIME OF EVENT: 11:00AM

SUBJECT: INVITATION TO BE A PANALIST ON AN INTERACTIVE
TELECAST WITH THE SOVIET UNION. TOPICS INCLUDE
TECHNICAL & POLITICAL ASPECTS OF GLOBAL WARMING.

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: Nancy Maynard
Thomas Ratchford

REMARKS:

Sponsor: Bowling Green State University
Subject: Global warming
Audience: Interactive telecast with students and Soviet Union
Date: April 20-Saturday
Location: Toledo or Detroit
Contact: Gary Silverman
Comments: Ken recommends that we not get involved with this and
has referred a call from Silverman to State.

YES

NO

Send them the
"can't leave Wash."
letter.



Bowling Green State University

RECEIVED

Environmental Health Program
College of Health and Human Services
Bowling Green, Ohio 43403-0280
(419) 372-7774

91 MAR 18 AM 11:41

March 13, 1991

Office of the
DIRECTOR

The Honorable D. Allan Bromley
Director, Office of Science and Technology Policy
Executive Office of the President
Old EOB 358
Washington, D.C. 20506

Dear Dr. Bromley:

I am writing to ask about your participation as a panelist on an interactive telecast we are having with the Soviet Union, or for advice about alternative representatives from your office.

On April 20, we will be conducting a two hour telecast between a class from Mendeleev Institute of Chemical Technology and a class from BGSU. Students from each country will ask questions of a panel of experts and each other. Topics will include both technical and political aspects of global warming.

This telecast will be carried on Soviet television, with an anticipated audience of over 150 million people. It may also be picked up by many PBS channels here.

The Soviets are lining up some of their biggest names to participate. They have told me that the following individuals have been invited and several will be on the panel (the spellings are my poor attempt to overcome my ignorance of the Russian language):

Velacov - Chief science advisor to Gorbachev
Yagadin - Soviet Union Minister of Higher Education
Yablacov - Head of Ministry of Environment of Congress of People's
Deputies Muscev - Science Advisor to Gorbachev, former Director of
Computer Science Ministry (or department?)
Vorontsov - Head of Committee for Environmental Protection

We are looking to provide the same level of panelists as the Soviets. Currently, we have tentative confirmation from Jerry Mahlman from the Geophysics Fluid Dynamics Laboratory/NOAA at Princeton. Bob Watson, from NASA, would like to participate, but could only give us about a 50 percent likelihood of his being able to make it. We have invited Senator Howard Metzenbaum to participate, and are waiting to hear from him. We would like to find two additional participants, and provide a balance between science and policy, official administrative positions and critics.

Bromley
3/14/91
page 2

Panelists will probably have to fly into Toledo, Ohio, or Detroit, Michigan, the evening of Friday, April 19. The broadcast will be from 11:00 - 1:00, or 12:00 - 2:00, on Saturday. Flights out of town could be done as early as 4:00 from Toledo, or 5:00 from Detroit.

We believe that it would be appropriate to have an official representative from the President's Office, and hope that you will be available.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gary Silverman". The signature is fluid and extends across the width of the line.

Gary S. Silverman, D.Env.
Director

THE WHITE HOUSE

WASHINGTON

March 26, 1991

Dear Harold:

Many thanks for your letter of March 13 relating to the FCCSET report on education.

The point you raise in your third paragraph is, in my view, an extremely important one and one that has been brought up to me in rather dramatic fashion by the Presidential Award Secondary School teachers whom we brought to Washington as guests of the President last fall. They maintained on many occasions that despite their best efforts, a generation of teaching assistants who were unable to speak English and who gave the impression of not really caring, were turning off the best output of the high schools in science and mathematics and driving them into other fields.

This is clearly a question that we need to inject into the deliberations of this FCCSET Committee as it moves on to its phase two activities and to the revised, updated, and expanded study that it will produce to accompany next year's budget. They have already decided that one of the areas of major importance in their next year's activity will be an examination of our production and treatment of technicians.

We missed you at the March PCAST meeting and look forward to seeing you at the one in April.

With warmest best wishes,

Sincerely yours,



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

Professor Harold T. Shapiro
President
Princeton University
Princeton, New Jersey 08544-0015

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120779

FROM: SHAPIRO, Harold T.: PRINCETON UNIVERSITY

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/13/91

SUBJECT: BRIEF OBSERVATIONS ON THE FCCSET COMMITTEE REPORT ON
EDUCATION AND HUMAN RESOURCES.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Thomas Ratchford
Maryanne Bach
Thomas Welch

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 03/18/91

FILE: PCAST*FCCSET*EDUCATION

Princeton University

Princeton, New Jersey 08544-0015

President's Room

RECEIVED

21 MAR 18 1991: 41

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley, Director
Office of Science and Technology Policy
Old Executive Office Building
Washington, D.C. 20506

Dear Allan:

I was sorry to have to miss the March PCAST meeting, but I certainly look forward to our scheduled meeting in April. The purpose of this note is to provide, as requested, some brief observations on the FCCSET Committee report on education and human resources.

It is an extremely helpful report and reflects an enormous amount of very productive activity by the FCCSET Committee. The work done to date will provide many dividends for education in the coming years. It was really quite impressive to see such a coherent and understandable description of the current federal funding situation for education as well as proposals for the future. The general thrust of the proposals are supported by convincing rationales and by admirably pragmatic approaches. In short, it is an extraordinarily ambitious and promising undertaking. My greatest overall concern is that we might not be able to meet the implied time schedule at existing levels of funding.

There is, however, one general point that I believe is under-appreciated by the Committee and may be worth emphasizing. It is understandable that the report focuses on the pre-college level. That is where we have the greatest problem. The problems at the K-12 level, however, will take many years to resolve and require very large resource commitments by various levels of the public and private sector. There is another avenue open to us that would solve some of our problems a lot quicker and with fewer resources; namely, decreasing the rate of attrition from science programs by students who are already undergraduates. Thus, although there are strong arguments that the greatest need for improvement in science and mathematics education lies at the pre-college level, it is less clear to me that a cost/benefit analysis would argue for the same short-term funding priorities. To put the matter in a different way, one might get more leverage by making some investments focused on undergraduate education with the objective of decreasing attrition from science and engineering programs. My understanding of the FCCSET report indicates that undergraduate education ranks just behind pre-college programs.

- 2 -

Over the long haul, there is no question that activities at the pre-college level are the most critical. The issue, if any, is whether we might get some short-term leverage by devoting some funds to attacking the problem of undergraduate attrition in science and engineering.

Best regards.

Sincerely,

A handwritten signature in dark ink, appearing to read 'H. Shapiro', written in a cursive style.

Harold T. Shapiro

HTS/ms

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Letter	To: William Stewart From: Allan Bromley Re: Response to 3/11/91 letter [personal information redacted] (2 pp.)	3/26/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed:	2/4/2010	OA/ID Number:	62001-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120826

FROM: STEWART, William D.P.: CHIEF SCIENCE ADVISOR, BRITIAN

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/11/91

SUBJECT: A LETTER IN RESPONSE TO MEETING DR. BROMLEY AT MOUNT
KRISCO.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 03/21/91

FILE: DAB CORRESPONDENCE*INTERNTL



CABINET OFFICE

70 Whitehall London SW1A 2AS Telephone 071-270 0259 1 MAR 21 AIO : 19

From the Chief Scientific Adviser
Professor William D. P. Stewart, FRS., FRSE.

OFFICE OF THE
DIRECTOR

W0764

Dr Allan Bromley
Assistant to the President for
Science and Technology and Director
of the Office for Science and Technology Policy
Old Executive Office Building
Washington DC 20506
USA

11 March 1991

Dear Allan,

I was delighted to have had such an agreeable opportunity to get to know you at Mount Kisco. In my view, the Carnegie meeting fully met its objectives and I am glad that we agreed it should have a continuing role.

I had a most interesting series of calls on the agencies involved in science and technology in Washington and came away with a number of stimulating ideas for our work here. As I told you, the problems we each face are remarkably similar.

Understandably you were preoccupied by the last act of the Gulf War when I saw you briefly in Washington. But I very much hope that we can get together again soon, whether during one of your stops in London or when I next visit the US.

I very much enjoyed our meeting and
look forward to our continued close
collaboration

All the best
Yours sincerely
W.D.P.

PROFESSOR WILLIAM D P STEWART
Chief Scientific Adviser

THE WHITE HOUSE

WASHINGTON

March 11, 1991

Dear Alan:

Thank you for your letter of February 4, 1991, in which you invite me to visit Argonne. I apologize for the much belated response.

With the understanding that it is always possible that Presidential scheduling may force a change in my plans, I would be delighted to accept your invitation. June 20 is the best date on my schedule, and I hope that all will go as planned.

I look forward to joining you.

Sincerely yours,



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

Dr. Alan Schriesheim
Director
Argonne National Laboratory
9700 South Cass Avenue
Argonne, Illinois 60439

"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120359

SPEECH: YES NO

FROM: SCHRIESHEIM, A.

DATE OF EVENT:

LOCATION OF EVENT: ARGONNE NATIONAL LABORATORY

TIME OF EVENT:

SUBJECT: INVITATION TO VISIT ARGONNE AND SPEAK AT THE
DIRECTOR'S SPECIAL COLLOQUIUM.

RSVP: 03/04/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

COPIES TO: Steve Olson

REMARKS:

DATE OF LETTER: 02/04/91

DATE RECEIVED: 02/11/91

FILE: INVITATION-SPEECH

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

RECEIVED

TELEPHONE 708/972-3872

FAX 708/972-3679

February 4, 1991

91 FEB 11 P12:16

OFFICE OF THE
DIRECTOR

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

Dear Allan,

Usually when writing a letter asking someone to visit Argonne and speak at the Director's Special Colloquium, I make a point of explaining the lecture series, note who has spoken previously, and emphasize how their participation would enhance the intellectual climate of the Laboratory. Since I'm hoping that you will be able to find time to repeat your earlier participation, I'll skip those details and just note that a lot has changed in the years since your last visit. It would be a wonderful opportunity for our staff to hear your views on current science policy and it would give me great personal pleasure to show you the exciting work now underway at ANL.

I can appreciate the demands on your time, but perhaps there is a date in the near future when you will be traveling through Chicago and can plan to include Argonne in your itinerary. We can, of course, make whatever arrangements are convenient; however, a typical lecture is held in the afternoon - often on a Tuesday or Thursday. I'll ask Dr. Richard Valentin, who chairs the Colloquium committee, to contact your office and discuss possible dates.

I hope that it will be possible for you to again address the Argonne staff and I look forward to your reply.

Regards,

A. Schriesheim, Director

RAV/AS:sam

cc: R. A. Valentin

*Enjoyed our "chat" at the recent
Nobel and Hans reception -*

THE WHITE HOUSE

WASHINGTON

March 26, 1991

Dear Ro:

Many thanks for sending me the copy of your letter to **Physics Today** and of your talk to the NAS/NAE and the NSB at the Beckman Center.

With warmest best wishes,

Sincerely yours,



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

Professor Roland W. Schmitt
President
Rensselaer Polytechnic Institute
Troy, New York 12180-3590

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120787

FROM: SCHMITT, Roland W.: RENSSELAER

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/11/91

SUBJECT: A LETTER TO THE EDITOR OF PHYSICS TODAY AND A COPY
OF THE TALK GIVEN AT THE JOINT MEETING OF THE
COUNCILS OF THE NAS/NAE AND THE NSB.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE: OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley
Dr. Wong

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 03/18/91

FILE: PHYSICS



Rensselaer

ROLAND W. SCHMITT
President

51 MAR 11 AM 1:42

OFFICE OF THE
DIRECTOR

March 11, 1991

The Honorable D. Allan Bromley
Assistant to the President for Science and Technology
Director of the Office of Science and Technology Policy
Old Executive Office Building
Washington, DC 20506

Dear Allan:

Enclosed is a brief letter to the editor of *Physics Today*, reporting the observation I made to you at the recent meeting of the Academies. I am also enclosing a copy of the talk I gave at the joint meeting of the Councils of the NAS/NAE and the NSB at the Beckman Center last month. It is cast in the form of a "debate" with Leon Lederman so I do not wish it published as is, although I understand it has been getting quite a bit of circulation on the street.

With best personal wishes.

Sincerely,

Encs. (2)

THE WHITE HOUSE

WASHINGTON

March 11, 1991

Dear Dr. Stroschio:

Thank you for your letter of February 21, 1991, inviting me to give the dinner address at your 40th Anniversary Symposium, scheduled for June 14, 1991, in Durham, North Carolina.

As much as I would like to join you, I must regretfully decline your kind invitation because I will be travelling during that time.

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

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with a small flourish at the end.

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

Dr. Michael A. Stroschio
Senior Research Scientist
Department of the Army
United States Army Laboratory Command
Army Research Office
P.O. Box 12211
Research Triangle Park, North Carolina 27709-2211

"CORRESPONDENCE TRACKING"

TYPE: INVITATION*ACTION

DOCUMENT NUMBER: 9120522

FROM: STROSCIO, Michael A.: DEPARTMENT OF THE ARMY

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/21/91

SUBJECT: -INVITATION TO GIVE THE AFTER DINNER ADDRESS.
-FOLLOW UP ON INTERDISCIPLINARY RESEARCH AT YALE.
-REQUEST TO MEET WITH DR. GERALD J. IAFRATE.

ASSIGNED TO: Steve Olson
Thomas Ratchford

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE: OSTP DUE DATE: 03/17/91

DATE COMPLETED: -----

COPIES TO: Ken Yale
Michelle Van Cleave

WHITE HOUSE TRACKING #: CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/25/91

FILE: SPEECH*MEETING*EDUCATION



DEPARTMENT OF THE ARMY
UNITED STATES ARMY LABORATORY COMMAND
ARMY RESEARCH OFFICE
P.O. BOX 12211, RESEARCH TRIANGLE PARK, NC 27709-2211

REPLY TO ATTENTION OF:

91 FEB 25 P 3:14

February 21, 1991

OFFICE OF THE
DIRECTOR

The Honorable D. Allan Bromley,
Special Assistant to the President and
Director of the Office of Science and
Technology Policy
Old Executive Office Building, Room 424
17th and Pennsylvania Avenue, N.W.
Washington, D.C. 20507

Dear Prof. Bromley:

The purposes of this letter are to follow up on our recent telephone conversation about interdisciplinary research at Yale, to ask you to give the after dinner address at the U.S. Army Research Office Fortieth Anniversary Symposium, and to ask you to meet with the Director of the U.S. Army Research Office, Dr. Gerald J. Iafrate.

Thank you for calling me concerning my letter of October 18, 1990 to Prof. Benno Schmidt. His response of January 29, 1991 is enclosed and as you can see he did not address the major concerns of the Yale Science and Engineering Association (YSEA). After consulting with YSEA executive board members, I will write him again in an effort to get him to focus on the issues raised by YSEA. I will also emphasize that the YSEA recommendations are similar to those of your 1988 Committee on Research in the Faculty of Arts and Sciences, Yale University. As we discussed during our telephone conversation, I will keep you posted.

In light of your recent visit with Raytheon's Patriot team, I think you may be interested in the enclosed chart illustrating the impact the Army Research Office (ARO) has had on the Patriot missile. ARO programs leading to fast Fourier transforms and compact rare-earth permanent magnets provided essential elements of the technology underlying the Patriot system.

ARO's successes going well beyond those related to the Patriot include seminal research on the maser-laser concept, the atomic clock and the BCS theory of superconductivity. These and many other payoffs from Army basic research will be highlighted at ARO's Fortieth Anniversary Symposium on June 14, 1991 in Durham, North Carolina. The Director of the U.S. Army Research Office, Dr. Gerald J. Iafrate, and I would be delighted if you would give the after dinner address at the ARO Fortieth Anniversary Symposium. As shown on the enclosed symposium agenda, Prof. Eugene Wong will chair a panel

*Cal Tech
Comm
June 14*

consisting of Prof. Leon Cooper, Dr. Leo Esaki, Prof. Norman Hackerman, Prof. Charles Vest and Dr. Albert R. C. Westwood. Your contributions as the after dinner speaker would underscore the value of the Army's research effort.

Of potentially more importance than the ARO Fortieth Anniversary Symposium, is the latest proposal from some quarters of the Army to drastically alter the focus of ARO's forty-year-old program of university research. I would very much appreciate your meeting with Dr. Gerald Iafrate in your office to discuss this and related matters. I would like to help arrange his visit. I may be contacted on (919) 549-0641/4242.



Enclosures

Michael A. Stroschio
Senior Research Scientist

cf. Prof. Eugene Wong

YALE UNIVERSITY
NEW HAVEN CONNECTICUT

OFFICE OF THE PRESIDENT

January 29, 1991

Mr. Michael A. Stroschio
Yale Science & Engineering Association Inc.
Post Office Box 1968
New Haven, Connecticut 06520-1968

Dear Mr. Stroschio:

Thank you for your telephone call, which follows up on your earlier letter concerning the steps we are taking to secure the sciences and engineering at Yale. I am grateful for your interest and suggest that you continue discussing YSEA concerns with the Council of Engineering. You might also wish to talk with members of the University Council Committee on Physical Sciences and Engineering. That Committee is chaired by Professor C. Judson King, Provost for Professional Schools and Colleges at the University of California at Berkeley.

Let me say, however, that I do not agree with your assertion that Yale is making only "very limited efforts" to improve our science and engineering programs. We are taking active and specific steps on a number of fronts, each of which is aimed at firmly securing the excellence we believe is necessary for any academic department at Yale. First of all, we are working to increase the number of undergraduates who are planning to major in the sciences. As you may know, Yale has been publicly commended for our efforts to bring the level of undergraduate science education to the acknowledged excellence of programs in the humanities and social sciences. The Office of Undergraduate Admissions is making active efforts to recruit students with a commitment to the sciences and Engineering, and the Dean of Admissions has appointed a member of his staff specifically to oversee that effort. The effort to increase the applicant pool of potential science and Engineering majors is having good results, and the College has admitted more students interested in science than any other class in recent history.

Mr. Michael A. Stroschio
January 29, 1991
Page 2

Another effort to increase the number of undergraduate students majoring in the sciences and in Engineering, which is being encouraged by Donald Kagan, Dean of Yale College, is the establishment of a special program in the sciences which would be similar to the present program in Directed Studies for students in the Humanities. It would provide a focused and rather intensive opportunity for students to explore their scientific interests. In addition, as you may know, Yale College has recently strengthened distributional requirements for students and now requires three courses in the sciences for graduation. And, the College has created a Math/Science Tutoring Program in the Residential Colleges, to provide students with ready access to tutors proficient in the sciences and Engineering, as well as a special Academic Mentorship Program for students in the sciences.

These efforts are part of our general commitment to enhancing programs in Engineering and science. That effort also includes the expansion of the Engineering faculty by more than 10% in the next five years, with ten new junior faculty appointments. Special emphasis will be placed on adding faculty committed to interdisciplinary teaching and research that crosses engineering disciplines and connects with other science departments. The increase is the most significant focused expansion in the Faculty of Arts and Sciences in recent years and follows major enhancements of teaching and research facilities. Those enhancements, as you may know, in recent years include a 3,000 square-foot "clean room" for the production of computer chips, which will enable researchers to explore new directions in semiconducting, superconducting, and optoelectronic materials; renovations of laboratory space to house the Center for System Science, whose research will encompass robotics, learning theory, image processing, and adaptive signal processing and control; renovation of laboratories for the departments of Chemical Engineering and Mechanical Engineering; and the establishment of a new Electrical Engineering Teaching Center.

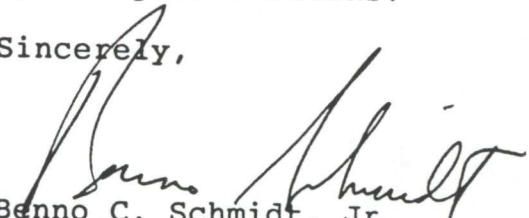
Our academic planning for the next ten years emphasizes securing the excellence of the sciences. Part of that effort, of course, is the renovation of existing laboratories on Science Hill as well as the construction of a new Center for Structural Biology to house the teaching and research efforts of the Department of Molecular Biophysics and Biochemistry. That is in addition to the creation of a new Institute of Biospheric Studies, which

Mr. Michael A. Stroschio
January 29, 1991
Page 3

will bring together many departments and schools in the study of issues relevant to the interests of YSEA as well. These are in addition to a number of construction projects at the School of Medicine -- including a new Center for Molecular Medicine -- designed to ensure Yale's leadership in the biomedical sciences as well.

Let me assure you that the University is fully committed to securing programs in the sciences and in Engineering and that we are backing that commitment with increased resources. The encouragement and support of YSEA is important to that effort, and I am grateful that you have taken the time to write to me to express your concerns.

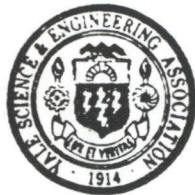
Sincerely,



Benno C. Schmidt, Jr.

BCS:baf

YALE SCIENCE & ENGINEERING ASSOCIATION INC.



Yale in
SCIENCE
ENGINEERING
INDUSTRY AND
COMMERCE

10 HILLHOUSE AVENUE
P.O. BOX 1968
NEW HAVEN, CT. 06520-1968

Steven E. Lasewicz Jr. '60E
President

John P. Marano '66 MS, '69Ph.D.
Executive Vice President

Hugo H. Beir '53E
Secretary

Robert W. Cornell '45WE, '46ME
Treasurer '50D.Eng.

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George Gagliardi '79BS
Schools

Peter C. Van Dine '60
Communication

William H. Oler II '45E
Awards

F. Steele Blackall III '45WE
Industry

Lazaros P. Mavrides '68, '73PhD
Membership

Scott R. Dardig '73
Nominating

DISTRICT VICE PRESIDENTS:

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Metropolitan

C. Peter Van Dine '60
Connecticut

George Gagliardi '79BS
New England

Richard B. Russ '40E, '56ME
Empire

John C. Dorfman '45W
Mid-Atlantic

Andrew A. Pouring '63PhD
Southeast

Herbert S. Cook '37S
Ohio-Michigan

Barry S. Crown '53E, '54E
Midwest

Robert R. J. Kunkler '88
Southwest

P. Thomas Schoenemann '58E, '59ME
Pacific

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Class of 1992

Joan K. Alexander '84
F. Steele Blackall III '45WE
Anne M. Briscoe '49PhD
David L. G. Gallimore '84
Michael A. Strosio '73PhD

Class of 1991

Bruce A. Cunningham '66PhD
David Goldfarb '77, '81MD
Anna Marie Lyles '83
Sal J. Nuzzo '53E
William H. Oler II '45E

Class of 1990:

Phillip S. Babb '35
Scott R. Dardig '73
Richard N. Foster '63E, '66PhD
Lazaros P. Mavrides '68 '73PhD
David M. McConoughey '64

ASSOCIATION OF YALE ALUMNI REPRESENTATIVE

F. Steele Blackall III '45WE
George Gagliardi '79
David Goldfarb '77, '81MD

October 18, 1990

Dr. Benno C. Schmidt, Jr.
President
Yale University
New Haven, CT 06520

Dear Dr. Schmidt:

The purposes of this letter are to apprise you of the Yale Science and Engineering Association's (YSEA's) deep concerns in the area of interdisciplinary research and to congratulate you on recent initiatives in interdisciplinary research at Yale.

First, let me tell you that YSEA's Executive Board wholeheartedly supports recent Yale initiatives, including: the establishment of interdisciplinary research centers such as the Yale Center for Microelectronic Materials and Structures; the creation of new faculty positions and endowed professorships in Engineering and; the establishment of research coordination offices reporting to the Provost. These are all positive steps and YSEA is pleased to have had a part in selectively fostering and supporting these initiatives.

The YSEA Executive Board is deeply concerned that Yale is still not competing well with major research universities in the important and rapidly expanding area of interdisciplinary research. In our view, the bold and successful initiatives of the Council of Engineering must be emulated in all areas of science and engineering at Yale. Furthermore, Yale must provide far more extensive services to faculty in the sciences and engineering in "marketing" and in proposal preparation.

Such services would help to reverse the alarming trends illustrated by the fact that external resources attracted by Yale in engineering average \$107,000. per faculty member, while the annual averages at Harvard and Princeton are \$271,000. and \$211,000., respectively. These statistics are given in the attachment and are based on a recent compilation of the American Society of Engineering Education. The last two sets of statistics from the American Society of Engineering Education support the conclusion that research resources acquired per engineering faculty member at Yale are only roughly half of those awarded to per faculty member at Columbia, Harvard or Princeton.

To help reverse this trend, a central research coordination office should assist the faculty in the preparation of research proposals; such assistance should be so comprehensive that faculty inputs to proposal preparation and submission would be limited to writing of technical sections of proposals and the identification of resources needed for the proposed research.

As you may know, very large building programs are planned for Harvard and Princeton engineering. In recent years, Columbia University has invested approximately one-hundred million dollars in new chemistry and engineering buildings. As a means to encourage the growth of interdisciplinary research programs and to attract resources for interdisciplinary research, many major research universities are committed to providing buildings to house interdisciplinary research centers. In our view, Yale should give serious consideration to earmarking funds from the new Yale Capital Drive for such interdisciplinary research centers.

Finally, the YSEA Executive Board is concerned that Yale's interdisciplinary research centers do not span the sciences and engineering and, for the most part, focus on integrating only closely allied disciplines such as electronic materials and electronics or physics and astronomy. Such centers are not truly interdisciplinary in nature. Yale must provide for much more comprehensive research coordination in order to compete with a large number of major research universities.

Congratulations on your fine, albeit very limited, efforts in the sciences and engineering. On behalf of YSEA, I would like to meet with you to elaborate on these views. The purpose of this meeting would be to give you the benefit of hearing our concerns personally. To enhance the value of this meeting, I propose to invite senior members of the scientific and engineering com-

munities who are friends of Yale and who have an intimate knowledge of the support of federally-funded research. I look forward to meeting with you and intend to keep you apprised of our future efforts on behalf of science and engineering at Yale. Mail will reach me at the U.S. Army Research Office, P.O. Box 12211, Research Triangle Park, North Carolina 27709-2211 and I may be contacted on (919) 549-0641. Thank you for your personal reflection on these matters and for your efforts to host a meeting at Yale.

Sincerely,

Attachment

Michael A. Stroschio '74PhD
Chairman, Yale Science and
Engineering Association
Committee on Interdisciplinary
Research

cf: The Honorable D. Allan Bromley
Dr. Burton I. Edelson '54MS, '60PhD
Dr. David Goldfarb '77, '81MD
Dr. Gerald J. Iafrate
Mr. Steven E. Lasewicz, Jr. '60E
Dr. Richard N. Foster '63E, '66PhD

	FEDERAL SUPPORT (A)	BUSINESS SUPPORT	OTHER SUPPORT	TOTAL SUPPORT	RESOURCES PER FACULTY MEMBER
COLUMBIA	\$14,306	\$6,108	\$1,725	\$22,139	\$183
HARVARD	\$11,800	\$266	\$1,494	\$13,561	\$271
PRINCETON	(B)	(B)	(B)	\$19,368	\$211
YALE	\$4,024	\$881	(C)	\$4,906	\$107
U. of MICHIGAN	\$31,137	\$5,143	\$7,865	\$44,146	\$144

SOURCE: American Society of Engineering Education, March 1989

(A) All amounts are for a one year period starting in Summer 1987;
all amounts are given in thousands of dollars.

(B) No separate amounts listed.

(C) No funds reported in this category.

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02. Chart	Army Research Office Impact on Patriot Missile (1 pp.)		(b)(1)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed: 2/4/2010	OA/ID Number: 62001-004
FOIA/SYS Case #: 2005-0336-F	Appeal Case #:
Re-review Case #:	Appeal Disposition:
P-2/P-5 Review Case #:	Disposition Date:
AR Case #:	MR Case #:
AR Disposition:	MR Disposition:
AR Disposition Date:	MR Disposition Date:

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

U.S. ARMY RESEARCH OFFICE FORTIETH ANNIVERSARY SYMPOSIUM:
"BASIC RESEARCH - SHAPING THE FUTURE OF THE ARMY"

Friday, June 14, 1991
OMNI Durham Hotel and Conference Center
Durham, North Carolina

I. Introductory Session

9:00 am to 10:30 am

Dr. Gerald J. Iafrate,
Director, U.S. Army Research Office (ARO)
Presiding for 45 minutes

Remark by or recognition of:

- Major General Jerry C. Harrison,
Commander, U.S. Army LABCOM
- General William G.T. Tuttle, Jr.,
Commander, U.S. Army Materiel
Command
- Senior Official,
Office of the Secretary of the Army

Dr. Iafrate will give a short talk on
what ARO does. He will "turn the clock
back" and introduce:

Major General Chester W. Clark,
USA Retired
Zeroth Commander, Office of Ordnance
Research (OOR) (now ARO)
20 minutes

Prof. Marcus E. Hobbs, Distinguished
University Service Professor
Emeritus of Duke University
First OOR (ARO) Chief Scientist
20 minutes

Dr. Iafrate's summary

10:30 am to 11:00 am

BREAK

II. Session on Payoff from ARO Research

Chairman from 11:00 am to noon: Dr. Hermann Robl

11:00 am to 11:30 am	Professor Charles Townes** 1964 Nobel Prize for Maser-Laser Concept "Investing in Research"
11:30 am to 12:00 am	Professor James Glimm State University of New York "Computational Research"
12:15 am to 1:20 pm	LUNCH

III. Session on Payoff from ARO Research

Chairman from 1:40 pm to 3:30 pm: Dr. George Wyman

1:40 pm to 2:10 pm	Professor Herbert C. Brown Purdue University 1979 Nobel Prize "Payoff from Basic Research in Chemistry"
2:10 pm to 2:40 pm	Professor W.E. Wallace University of Pittsburgh "Development and Army Applications of High Energy Permanent Magnets"
2:40 pm to 3:00 pm	BREAK
3:00 pm to 3:30 pm	Professor Erland M. Schulson Dartmouth College "Army Applications of Basic Findings in Ice Mechanics"
3:30 pm to 4:15 pm	BREAK

**University and industry speakers were all supported by ARO or its parent organizations; some government speakers were also supported by ARO.

IV. Panel Discussion

4:15 pm to 5:15 pm

Panel Discussion on the Future of
Mission-Oriented Basic Research

Moderator: Professor Eugene Wong,
Associate Director of the Office
of Science and Technology
Policy for Physical Sciences
and Engineering, Executive Office of
the President, White House

Members: Dr. Leo Esaki, IBM Fellow
1973 Nobel Prize, IBM

Professor Leon Cooper
1972 Nobel Prize, Brown Univ.

Professor Norman Hackerman,
President Emeritus
Rice University

Dr. Albert R.C. Westwood
Vice President of
Martin Marietta

Dr. Charles M. Vest
President, MIT

V. Reception, Dinner and After Dinner Address

5:15 pm to 6:15 pm

RECEPTION

6:15 pm to 7:15 pm

DINNER

7:15 pm to 7:45 pm

Dr. Gerald J. Iafrate,
Recognition of Selected Participants
and General Comments

7:45 pm to 8:30 pm

After Dinner Address
(Introduced by Dr. Iafrate)
(Speaker to be determined)

THE WHITE HOUSE

WASHINGTON

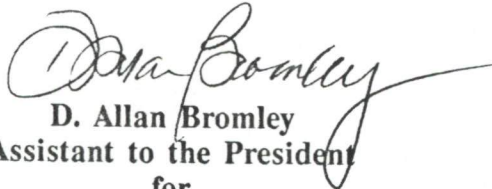
March 13, 1991

Dear Mr. Stempler:

Many thanks for sending me a copy of Mike Collins' new book **Mission to Mars**. This is not only an excellent book, but it is one that is of immediate use to me inasmuch as I am spending a significant amount of my time these days worrying about the space program.

Again, my thanks and all best wishes,

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley", with a long, sweeping horizontal line extending to the right.

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

Mr. Jack L. Stempler
Vice President, Washington Operations
LTV Aerospace and Defense Company
1725 Jefferson Davis Highway
Suite 900
Arlington, Virginia 22202

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120607

FROM: STEPLER, Jack L.: LTV AEROSPACE AND DEFENSE COMPANY

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE:

SUBJECT: MICHAEL COLLINS LATEST BOOK, "MISSION TO MARS"

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS: Please note that the book has been signed by Mike Collins.

DATE RECEIVED: 03/01/91

FILE: SPACE

THE WHITE HOUSE

WASHINGTON

March 13, 1991

Dear Fay:

Many thanks for sending me the copy of **Energy Levels of Light Nuclei A=13-15**.

The entire world of nuclear physics will forever be indebted to you for the fantastic job that you have done over the years in keeping all of us up to date with the welter of information that has poured out from an exponentially growing number of researchers. You can be justly proud of what you have accomplished in this sector of your career and I frankly don't know how you have managed to put up with the vagaries, delays, inconsistencies, and general unhelpfulness of the rest of us over the years.

Unfortunately, as you can imagine, over this past two years I have simply had no contact whatever with the real world of physics other than in a political and policy sense and in consequence, have nothing whatever to pass on to your successor, Professor Tilley at Duke. I do, however, have every expectation of returning to the Wright Laboratory at Yale; the accelerator is working as we had advertised it would work; and I am one of the first members of the new generation of Yale faculty that has no formal retirement date. Given all this, it is still not clear that I will ever have anything further to contribute to Professor Tilley but it may be fun to try to find out.

Whenever your travels bring you to the Washington area, please give me a little warning and I would be delighted to take you to lunch at the White House Mess. It has been far too long since we had an opportunity to compare notes.

With warmest best wishes to both you and Wally,

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'D. Allan Bromley', with a stylized, flowing script.

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

Professor Fay Ajzenberg-Selove
Department of Physics
David Rittenhouse Laboratory
University of Pennsylvania
Philadelphia, Pennsylvania 19104-6396

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120603

FROM: AJZENBERG-SELOVE, Fay: UNIVERSITY OF PENNSYLVANIA

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE:

SUBJECT: REQUEST FOR PREPRINTS OF YOUR WORK ON THE LIGHT
NUCLEI.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: AS APPROPRIATE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Dr. Wong

WHITE HOUSE TRACKING #:

CONTACT PERSON: PROF. R. TILLEY

REMARKS:

DATE RECEIVED: 03/01/91

FILE: PHYSICS-NUCLEAR

9/20/6-

UNIVERSITY of PENNSYLVANIA RECEIVED

School of Arts and Sciences
Department of Physics
David Rittenhouse Laboratory
Philadelphia, PA 19104-6396

MAD 1 1001 A 9:34

OFFICE OF THE DIRECTOR
February 1991

Dear friend:

This is the last review of the light nuclei which originates at Penn. Professors R. Tilley and H. Weller of TUNL are continuing this work. I have sent them your name and address, as well as several hundred pounds of other material. Please send them preprints of your work on the light nuclei, though I would very much like to stay on your mailing list also.

The address to which preprints should be sent is:

Prof. R. Tilley
Triangle Universities Nuclear Laboratory
Department of Physics
Duke University
Durham, North Carolina 27706

My best wishes for a Happy New Year.

Fay Ajzenberg-Selove

FAS/gcm

NUCLEAR PHYSICS

Journal devoted to the experimental and theoretical study of the fundamental constituents of matter
and their interactions

Associate Editors: G. Baym, Urbana; R. Bock, Darmstadt; J. Bondorf, Copenhagen; B. Deutch, Aarhus;
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Supervisory Editor: G. E. BROWN

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F. AJZENBERG-SELOVE

ENERGY LEVELS OF LIGHT NUCLEI $A = 13-15$

Appreciation	(i)
F. AJZENBERG-SELOVE, Energy levels of light nuclei $A = 13-15$	1

NORTH  HOLLAND

NUPABL 523 (1) 1-196 (1991)

THE WHITE HOUSE

WASHINGTON

February 22, 1991

Dear Ed:

Congratulations on achieving first light on the Keck Telescope! This marks a very major achievement and I would ask that you pass on my congratulations to all those involved in a major step forward in the development of astronomical instrumentation.

I thoroughly enjoyed my visit to Mauna Kea and its observatories and deeply appreciate your spending the entire day showing me around. I must say that the day gave me a totally new understanding of what is available in the way of instrumentation for modern astronomy, both optical and infrared, and quite apart from all of that, the view from the mountain top is absolutely spectacular!

I too am sorry that I am unable to be at CalTech on March 22 to speak to the EUREKA Conference, but it turns out that it may just be possible that I will be at CalTech on June 14 at this year's commencement, and if so, I would certainly like to take you up on your offer visit JPL.

With warmest best wishes,

Sincerely yours,



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

Professor Edward C. Stone
Chairman
California Association for Research
in Astronomy
1201 East California Boulevard
Pasadena, California 91125

California Association for Research in Astronomy

Edward C. Stone
Chairman



January 3, 1991

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

Dear Allan:

One week after your recent visit to Mauna Kea and the Keck Observatory, we achieved first light on the Keck Telescope. On behalf of the California Association for Research in Astronomy, or CARA, as the partnership between Caltech and the University of California is called, I am pleased to send you a copy of the first light image of the spiral galaxy NGC 1232.

CARA was formed by Caltech and the University of California to build and operate the Keck Observatory. A \$70M grant to Caltech from the W. M. Keck Foundation provided major funding for the \$94M project; UC will provide the annual operating costs of approximately \$4M and is funding development of the optical spectrometers and infrared cameras.

The first light image demonstrates that the innovative segmented-mirror technology used on the Keck Telescope works; a computer actively controls the positions of the nine segments to ≤ 25 nm rms, so that the separate images are accurately merged into one. Although only one-quarter of the thirty-six hexagonal segments comprising the 10-meter mirror had been installed, it was already equal in size to the world's largest effective optical telescope, the 200-inch Hale Telescope at Caltech's Palomar Observatory.

With the installation of all thirty-six segments during 1991, the 10-meter Keck Telescope will allow UC and Caltech astronomers to undertake unequalled spectroscopic studies of galaxies as they were three billion years after the Big Bang. University of Hawaii astronomers will also receive observing time in exchange for providing the excellent site on Mauna Kea.

Dr. D. Allan Bromley
January 3, 1991
Page 2

As I mentioned to you in Hawaii, we would like to build a second Keck Telescope 85 meters from the first. This would allow the development of infrared and optical interferometry for faint sources and would increase the light collecting power of the Keck Observatory so that galaxies in the first one to two billion years after the Big Bang could be studied.

I have had several discussions with the Keck Foundation about major funding for a second telescope, and Len Fisk has indicated his interest in NASA's participation in the Keck Observatory. In exchange for one-sixth the cost of the dual observatory, NASA would have access to one-sixth of the observing time on the two telescopes for use by the national astronomy community in support of both current and future space astronomy missions.

With the first light image demonstrating the feasibility of the segmented mirror technology, the prospects for a second telescope appear bright and I'm sure that Len Fisk would be pleased to discuss NASA's participation with you. I think you will agree that the opportunity for a three-way collaboration among NASA and two of the nation's leading universities, one private and one public, is particularly attractive. If you would like more information about the Keck Observatory, please give me a call at (818) 354-3405.

Finally, I understand from Tom Tombrello that you are unable to be at Caltech on March 22, 1991, to speak to the EUREKA Conference. Since you mentioned that you hadn't been to the Jet Propulsion Laboratory recently, as the new director I would have liked to invite you to visit while in Pasadena. I know that Tom Everhart was looking forward to showing you around the Caltech Campus as well. We would have no problem keeping your interest fully engaged for at least a couple of days, so please let us know what your schedule allows.

With best wishes for the New Year and looking forward to seeing you some time in the very near future.

Sincerely,



Edward C. Stone

Copies: Dr. Thomas E. Everhart, President, Caltech
Dr. Lennard A. Fisk, Associate Administrator, NASA

THE WHITE HOUSE

WASHINGTON

February 22, 1991

Dear Dr. Simons:

Thank you for your letter of January 17 in which you raise the issue of the U.S. scientific diving program. I have talked with Dr. Dallas Peck, the Director of the U.S. Geological Survey, who has, from its initiation, been the Chairman of the Committee on Earth and Environmental Sciences within the Federal Coordinating Council for Science, Engineering and Technology (FCCSET). The CEES has substantial activity already in ocean science and it seems to me that the appropriate forum for interagency discussion of the issues that you raise would fall under that committee. I am told that the chief oceanographer of the Navy has had a special interest in this area and that clearly he is someone who would necessarily be heavily involved. Might I suggest that you call Dallas Peck directly to discuss with him the major issues that, in your view, require resolution so that we can respond effectively to your request.

In addition, the National Oceanic and Atmospheric Administration has an Undersea Research Program that conducts worldwide scientific diving operations with academia, private organizations, industry and the military. It has developed extensive diving regulations and standards that apply to all aspects of its diving and shipboard activities. The NOAA program specifically addresses safety requirements, systems certification, equipment design and mission procedures.

Again, my thanks for your gracious permission allowing us to use the Renwick Gallery for the reception for the Medalists of Science and Technology. The ambiance in the Gallery is exactly what we would like to have for such events and its geographic location makes it doubly ideal.

With all best wishes,

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

Dr. Ross B. Simons
Deputy Assistant Secretary
for Research
Smithsonian Institution
Washington, D.C. 20560

THE WHITE HOUSE
WASHINGTON

February 21, 1991

Dear Maxine:

Many thanks for the letter of January 22 in which, together with Guy Stever, you invite me to participate in the Vannevar Bush Symposium on March 20, 1991, and a dinner in honor of the anniversary of his birth on the prior evening, March 19.

It sounds like a wonderful session that you have organized and I would be delighted to accept your invitation to join you for the dinner, but unfortunately I am already committed to be out of town for the period March 20 through March 22, leaving early on the morning of March 20. That being the case, I am afraid that I am unable to participate in the symposium itself.

I very much regret this conflict, but it is one of long standing and one that I simply cannot adjust.

Many thanks for your invitation and may I wish you every success with this symposium.

With warmest best wishes,

Sincerely yours,



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

Dr. Maxine F. Singer
President
Carnegie Institution of Washington
1530 P Street, Northwest
Washington, D.C. 20005-1910

THE WHITE HOUSE
WASHINGTON

December 19, 1991

Dear Don:

Many thanks for your note relative to the Office of Government Ethics and its misguided efforts to prevent government scientists from participating in professional society activities. Another area in which they have attempted to move is that wherein government scientists write books or articles in fields other than those in which they work and where normally it would be anticipated that they would be able to expect the usual royalties.

There has been a very broad reaction to these proposed new interpretations of the regulations and I have met with Mr. Potts, the Director of the Office of Government Ethics, as have a number of my people. It is now my understanding that the OGE, when it issues its new regulations, will, in fact, omit the section having to do with participation in professional societies, although it does reserve the option to return to the matter at some later date. My impression is that OGE has recognized that this was a stupid move from the beginning and that the reservation in terms of future, is as much face-saving as anything else. We are still working on the matter of authorship in fields other than those in which the individual works, and I anticipate that we will succeed there as well.

Mr. Potts, who is an entirely reasonable individual, had no intention to really change the status quo and I am told by others that the central thrust of the proposed changes was directed toward the participation of government lawyers in legal societies which may have some special problems, and was certainly not consciously aimed at anything in the physical sciences or engineering.

Let me take this occasion to wish you a very merry Christmas and the happiest and healthiest of New Years.

Sincerely yours,



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

Dr. Donald B. Trauger
Oak Ridge National Laboratory
Post Office Box 2008
Oak Ridge, Tennessee 37831

"Document Control"

TYPE: INFORMATION
ORIGINATOR: 02

DOCUMENT NUMBER: 9124981
DIRECTORATE STATUS

STATUS C

FROM: TRAUGER, Donald B.: OAK RIDGE NATIONAL LABORATORY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/20/91

SUBJECT: RE: OFFICE OF GOVERNMENT ETHICS REGULATIONS

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
Pierre Perrolle
ADMINISTRATION

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 12/03/91
FILE: P-ADMINISTRATION

DEPT RECEIVED:

CENTRAL FILES:

OAK RIDGE NATIONAL LABORATORY

MANAGED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE U. S. DEPARTMENT OF ENERGY

490
RECEIVED

POST OFFICE BOX 2008
OAK RIDGE, TENNESSEE 37831-6254

91 DEC 31 P 4:17 November 20, 1991

OSTP
MAIL ROOM

Dr. D. Allan Bromley
Science Advisor to the President
Executive Office of the President
Office of Science and Technology Policy
Old Executive Office Building
Room 360
Washington, D.C. 20506

Dear Allan:

In correspondence regarding the American Nuclear Society Meeting in Nashville last year, you invited comments on topics of concern in government. No doubt you are quite aware of the enclosed bureaucratic problem. However, even I have noted several concerns with the OGE both of over zealous action and apparent laxness in more important areas. Obvious you have greater problems in guiding the federal R&D problem in these difficult budget times, but perhaps a reminder on this one is in order. It has been brought to my attention by several individuals.

Sincerely,



Donald B. Trauger
Senior Staff Assistant
to the Director

DBT:arc

Enclosure

THE WHITE HOUSE
WASHINGTON

December 16, 1991

Dear Mr. Tombes:

Thank you for your letter of November 20, 1991, inviting me to visit New Mexico State University. I apologize for the much belated response.

I would, indeed, like to visit your university and, when I have an opportunity to be in the Las Cruces area I will contact your office so that it might be arranged.

I appreciate your thinking of me.

With all best wishes,

Sincerely yours,

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

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

Mr. Everett S. Tombes
Vice President for
Research and Economic Development
Box 3000 1, Dept. 3RED
Las Cruces, New Mexico 88003

"Document Control"

TYPE: INVITATION DOCUMENT NUMBER: 9124932
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: TOMBES, Averett S.: NEW MEXICO STATE UNIVERSITY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/20/91

SUBJECT: AN INVITATION TO VISIT THE UNIVERSITY~TO ADDRESS THE
PHYSICS DEPARTMENT AND THE SIGMA XI CHAPTER, AND TO
MEET WITH THE UNIVERSITY PRESIDENT.

DIRECTORATE STAFF
ASSIGNED: D. Allan Bromley ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 12/13/91 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: Steve Olson
PHYSICAL SCIENCES
INTERNATIONAL/POLICY

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 11/27/91
FILE: P-INVITATION

CENTRAL FILES:

DEPT RECEIVED:

*Maybe sometime when
I am in the area we
will let them know
you'd then. In meantime
Thank them for the
invitation*

4932

VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

Box 30001/Dept. 3RED/Las Cruces, New Mexico 88003-0001
Telephone: (505) 646-2022

20 November 1991

91



Dr. D. Allan Bromley
White House Science Advisor
The White House
1600 Pennsylvania Avenue
Washington, D.C. 20500

Dear Dr. Bromley:

Your speech to the research and federal liaisons section of NASULGC was most enjoyable. As I indicated to you after dinner, I would be honored if you would visit New Mexico State University at a time suitable to your schedule which might coincide with another visit to the Southwest or Southern California.

As a Carnegie I Research University, with over \$80 million in research expenditure annually, NMSU is a major research institution and ranked sixth among all universities in NASA research funding. The two enclosed brochures will expand on our research endeavors.

If a 12 to 24-hour stopover could be arranged, I would suggest an agenda to include a meeting with the President and his staff, and an address to both our Sigma XI Chapter and the Physics Department. We are 20 miles from the White Sands Missile Range and the Johnson/NASA Test Facility. Therefore a quick visit could be arranged to one or both of these installations. Sandia and Los Alamos National Laboratories are 225 and 300 miles, respectively, north of Las Cruces; therefore if you wish to visit either or both a second day in the Southwest would be needed.

El Paso International Airport, El Paso, Texas, is the logical air terminal, and good connections are available from Washington, D.C., National via Chicago or Dallas/Fort Worth. New Mexico State University would be honored if you could arrange to visit the enchanted land of New Mexico and our university.

Sincerely,

A handwritten signature in cursive script, reading 'Averett S. Tombes'.

Averett S. Tombes
Vice President for Research and
Economic Development

cc: James E. Halligan, President, NMSU
Pete Domenici, Senator
Jeff Bingaman, Senator

enclosures

THE WHITE HOUSE
WASHINGTON

December 2, 1991

Dear Elizabeth:

Many thanks for your kind note concerning my talk in Rochester at your annual meeting as well as for your warm hospitality and for getting me back to the airport in time for my flight back here to Washington.

You asked about possible sources of funding for your activities and it seems to be that the logical source would be the Environmental Protection Agency. I would suggest that you write to Mr. William Reilly, the Administrator at EPA, telling him that you are writing at my suggestion, telling him something of the nature of your center, and sending him some sample copies of your publications.

If you would let me know when you send this off to Bill Reilly, I would be happy to call him on your behalf to see what we can do to get the support that would make it possible for you to expand your already excellent activities.

With warmest best wishes,

Sincerely yours,



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

Mrs. Elizabeth Thorndike
Center for Environmental Information, Inc.
46 Prince Street
Rochester, New York 14607

"Document Control"

TYPE: ACTION

DOCUMENT NUMBER: 9124760

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: THORNDIKE, Elizabeth: CENTER FOR ENVIRONMENTAL INFORMATION, INC.

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/07/91

SUBJECT: A THANK YOU LETTER FOR DR. BROMLEY'S PRESENTATION,
AND A REQUEST FOR ANY ADVICE ON APPROACHING FEDERAL
SOURCES FOR FUNDING.

DIRECTORATE
ASSIGNED: DIRECTOR'S OFFICE

STAFF
ASSIGNED:

ACTION
REQUIRED: FOR DAB'S SIGNATURE

STAFF
ACTION:

OSTP DUE DATE: 11/27/91
DATE COMPLETED:

SENDER'S DUE DATE:
DATE COMPLETED/DEPT:

STAFF DUE DATE

COPIES TO: ENVIRONMENT

WHITE HOUSE TRACKING #:

CONTACT PERSON:
PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 11/13/91
FILE: P-DAB-THANK YOU

DEPT RECEIVED:

CENTRAL FILES:

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Partner, Burwell, Bantel & Yarrington Architects



Center for
Environmental
Information, Inc.

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46 Prince Street Rochester, New York 14607-1016

Phone 716-271-3550

Fax 716-271-0606

NOV 13 PM 12:37

November 7, 1991

OSTP
MAIL ROOM

Hon. D. Allan Bromley
Assistant to the President
for Science and Technology
Old Executive Office Building, Rm 358
17th Street and Pennsylvania Ave., NW
Washington, D.C. 20506

Dear Dr. Bromley,

I write with great appreciation for your timely, challenging and most informative presentation. You have surely stimulated our membership toward stronger support and participation, and have helped us to raise funds for the Center. We are most grateful.

Funding for a nonpartisan, nonprofit organization is always difficult and we would appreciate any specific advice and help you can give us in approaching federal sources. CEI offers a unique, cost-effective vehicle for information transfer among the many constituencies which have a stake in the outcome of environmental policy decisions.

Again, many thanks for taking time from your busy schedule to be with us in Rochester.

Sincerely,

Elizabeth Thorndike
Elizabeth Thorndike
President

ET/sc

McKinley Black
Environmental Consultant

Leonard E. Bower
President, Lozier Architects/Engineers

Edward P. Curtis, Jr.
President, Genesee Public Affairs, Inc.

Gail F. Finkelstein
Senior Environmental Chemist,
AC Rochester Division, General Motors Corporation

Beverly B. French
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Martha M. Gates, AIA
Solar Architect

Robert G. Harvey, Esq.
Partner, Nixon, Hargrave, Devans & Doyle

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Assistant Executive Director,
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Health and Environment Laboratories,
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Alan J. Knauf, Esq.
Attorney at Law

Rev. Rheanotte LeBarbour
Hilton Baptist Church

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Environment and Society Program, SUNY Buffalo

Dr. Paul A. Miller
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Rochester Institute of Technology

Juliana Potter
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Andrew Wolfe

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
03. Letter	To: Alvin Trivelpiece From: Allan Bromley Re: Letter of Recommendation for Ray Satchler [personal information redacted] (2 pp.)	12/2/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed:	2/4/2010	OA/ID Number:	62001-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

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P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
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

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9124073

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: STRAYER, Michael R.: OAK RIDGE NATIONAL LABORATORY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 09/10/91

SUBJECT: REQUEST TO WRITE A LETTER OF RECOMMENDATION TO
SUPPORT THE PROMOTION TO RAY SATCHLER TO THE POSITION
OF SENIOR CORPORATE FELLOW

DIRECTORATE STAFF
ASSIGNED: D. Allan Bromley ASSIGNED:

ACTION
REQUIRED: AS NECESSARY

STAFF
ACTION:

SENDER'S DUE DATE: STAFF DUE DATE
OSTP DUE DATE: 10/01/91
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO:

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 09/17/91
DEPT RECEIVED:

FILE: DAB-REFERRAL

September 10, 1991

Dr. D. Allan Bromley, Director
Office of Science & Technology Policy
Executive Office of the President
17th & Pennsylvania Avenues, N.W.
Washington, D.C. 20506

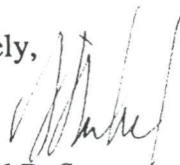
Dear Allan,

This year occasions the sixty-fifth birthday of Ray Satchler. We are planning a symposium for next April to commemorate his nearly four decades of resolute dedication to the study of direct nuclear reactions. As part of the program, we hope to announce Ray's promotion to the position of Senior Corporate Fellow.

Within our Laboratory, Senior Corporate Fellow is the highest-ranking position on the research ladder and is currently held by only four scientists: Sheldon Datz, Rufus Ritchie, Liane Russell, and Chuck Scott.

To this end, I am asking that you please write a letter of recommendation to support Ray's promotion to Senior Corporate Fellow. While I fully understand that it may be neither seemly nor proper for you to comment on Ray's appointment in your position, I would hope you would support this from the perspective as one of the leaders in the field of nuclear physics.

Sincerely,



Michael R. Strayer
Section Head, Theoretical Physics
Physics Division

MRS:ast

THE WHITE HOUSE
WASHINGTON

November 27, 1991

Dear Mr. Tolson:

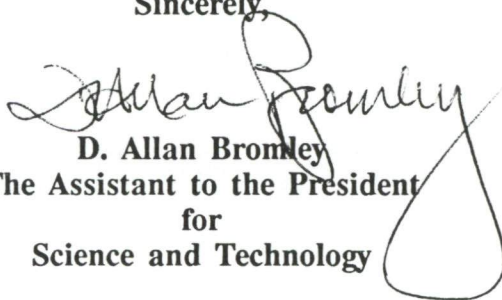
The President's Science Advisor would like to continue the tradition of hosting a reception and dinner in the Diplomatic Reception Rooms of the Department of State in honor of the winners of the USA Mathematical Olympiad (USAMO). I hereby request permission to host the 1992 USAMO reception and dinner at the State Department on Monday, June 8, 1992, beginning at 6:45 pm.

Over the past decade, the Mathematical Association of America has held a reception and dinner in these rooms at the invitation of the Science Advisor to the President. The occasion is to honor the eight winners of a three-stage mathematical competition that begins with an examination given to over 400,000 high school students. The eight winners of the final stage form a pool from which a U.S. team is selected for participation in the International Mathematical Olympiad, which is to be held in Moscow. Over fifty nations participated in the event in 1991 with the U.S. team placing fifth.

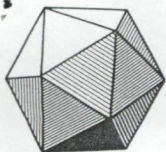
If you have any questions, please call Ms. Damar Hawkins of the Office of Science and Technology Policy (202/456-6272) or Ms. Lisa Kolbe of the Mathematical Association of America (202/293-1170) who is the organizer of the event.

Thank you for your assistance.

Sincerely,


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

Mr. Jerome Tolson, Jr.
Deputy Assistant Secretary for Operations
Department of State
A/OPR Room 1417
2201 C Street, Northwest
Washington, D.C. 20520



The MATHEMATICAL ASSOCIATION of AMERICA

1529 Eighteenth Street, N.W.

Washington, D.C. 20036

Telephone (202) 387-5200

November 21, 1991

Dr. D. Allen Bromley
Assistant to the President for Science and
Technology
Executive Office of the President
The White House
Washington, DC 20506

Dear Dr. Bromley:

We would be honored to have you serve as our host at the Twenty-First United States of America Mathematical Olympiad ceremonies traditionally held in the Diplomatic Reception Rooms of the Department of State. The ceremonies mark the truly exceptional accomplishments of these talented young people. The reception and dinner is scheduled to take place on Monday, June 8, 1992 between the hours of 6:30 pm and 10:00 pm. The MAA naturally will assume all costs for any administrative and support costs incurred specifically for the USAMO reception and dinner.

Over the past decade, the Mathematical Association of America has held a reception and dinner in these rooms at the invitation of the Science Advisor to the President. The occasion is to honor the eight winners of a three-stage mathematical competition that begins with an examination given to over 400,000 high school students. The eight winners of the final stage form a pool from which a U.S. team is selected for participation in the International Mathematical Olympiad, which is to be held in Moscow. Over fifty nations participated in the event in 1991 with the U.S. team placing fifth.

Your contribution in helping the mathematical community honor these exceptional young adults is greatly appreciated.

Sincerely,

Lisa R. Kolbe

Organizer, USAMO Awards Ceremonies

THE WHITE HOUSE
WASHINGTON

October 24, 1991

Dear Jon:

This is to let you know I was pleased to receive a copy of your Program Plan for continuing and extending the work of the Teachers Academy for Mathematics and Science in Chicago. It is clear to me that you and your colleagues have done considerable work in marshalling resources and talent to strengthen the substantive knowledge and skills of teachers working in Chicago's classrooms.

I fully support efforts to strengthen the existing corps of professionally committed elementary and secondary school teachers, and to provide them with the resources and technologies which most other professions and sectors already have at hand. However, beyond this note of encouragement and support, I am reluctant to provide you with specific comments on the Plan. My position makes it necessary to avoid direct involvement with grant applications. I expect the prospective funding agencies and their reviewers to provide specific comments and ideas on such proposals.

Sincerely yours,



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

Dr. Jon Thompson
Director
The Academy for Mathematics and
Science Teachers in Chicago
10 West 35th Street
Chicago, Illinois 60616

"Document Control"

TYPE: ACTION
ORIGINATOR: 02

DOCUMENT NUMBER: 9124470
DIRECTORATE STATUS

STATUS I

FROM: THOMPSON, John: TEACHERS ACADEMY FOR MATHEMATICS AND SCIENCE IN CHICAGO.

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/11/91

SUBJECT: A REQUEST FOR YOUR INPUT REGARDING THE TEACHERS
ACADEMY'S PROGRAM PLAN WHICH HAS BEEN SUBMITTED TO
THE DOE, NSF, AND THE DEPARTMENT OF EDUCATION.

DIRECTORATE
ASSIGNED: INTERNATIONAL/POLICY

STAFF
ASSIGNED: CD
AS

ACTION
REQUIRED: REVIEW/COMMENT TO DAB

STAFF
ACTION: Review/Comment to DAB/JTR

OSTP DUE DATE: 11/01/91
DATE COMPLETED:

SENDER'S DUE DATE:
STAFF DUE DATE 11/1/91
DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:
PHONE:

REMARKS:

EXT:

OSTP RECEIVED: 10/18/91
FILE: EDUCATION

CENTRAL FILES:

*Antony -
Please look over &
draft a reply. The reply
should be warm & polite, but
state that comment on
a proposal for funding from
fed. agency is inappropriate
for W.H.*

*JSU
10/22/91*

THE WHITE HOUSE
WASHINGTON

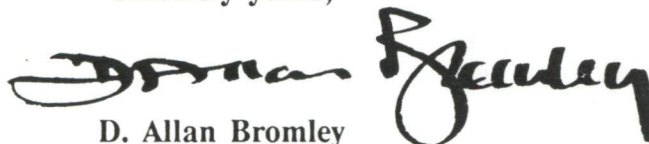
August 12, 1991

Dear Dr. Thorndike:

Thank you for your letter of July 31 describing the events of my November 6 trip. Everything seems to be in order, but I would like to have a different title for my talk, "An Action Plan for Global Change." It more closely describes what I shall be discussing that evening.

I look forward to meeting you and to seeing friends in Rochester.

Sincerely yours,

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

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

Dr. Elizabeth Thorndike
Center for Environmental Information
46 Prince Street
Rochester, New York 14607-1016

"CORRESPONDENCE TRACKING"

TYPE: ACTION DOCUMENT NUMBER: 9123229
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: THORNDIKE, Elizabeth: CENTER FOR ENVIRONMENTAL INFORMATION,
INC.

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 07/31/91

SUBJECT: A TITLE SUGGESTION FOR DR. BROMLEY'S SPEECH AT THE
CENTER FOR ENVIRONMENTAL INFORMATION'S ANNUAL
MEETING.

DIRECTORATE STAFF
ASSIGNED: DIRECTOR'S OFFICE ASSIGNED:

ACTION STAFF
REQUIRED: FOR DAB'S SIGNATURE ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 08/19/91 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
ENVIRONMENT

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS: The assignment is to the Director's Office for Steve Olson.

OSTP RECEIVED: 08/05/91 FILE: P-INVITATION-SPEECH
DEPT RECEIVED:

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Senior Environmental Chemist,
Rochester Division, General Motors Corporation

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President, Russell Associates, Inc.

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Senior Architect

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Partner, Nixon, Hargrave, Devans & Doyle

M. Ann Howard
Director, Monroe County Department of Planning

David F. Huddleston
Assistant Executive Director,
Montgomery Neighborhood Center

Dr. Bruce H. Klanderma
Director, Environmental Technical Services,
Health and Environment Laboratories,
Eastman Kodak Company

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Senior Baptist Church

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Professor and Director,
Environment and Society Program, SUNY Buffalo

Dr. Paul A. Miller
President Emeritus and Professor,
Rochester Institute of Technology

Juliana Potter
Manager, Environmental Affairs, Bausch & Lomb

Richard B. Schleyer
President, ESLO Derbies, Inc.

Scott D. Sherwood
Director of Geographic and Environmental Analysis,
Center for Governmental Research

Caroline Snyder
Professor of Environmental Studies,
Rochester Institute of Technology

Dr. Robert L. Sproull
President Emeritus and Professor of Physics,
University of Rochester

Jeffrey Swain
Commissioner of Community Development,
City of Rochester

Alan Taddiken
Director of Policy and Program Development,
New York State Department of Economic Development

Jean L. Thompson

Sterling L. Weaver, Esq.
Partner, Nixon, Hargrave, Devans & Doyle

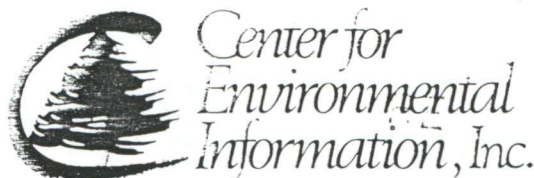
Henry W. Williams, Jr., Esq.
Attorney at Law

Elizabeth Thorndike, *President*

Advisory Council

Dr. George Berg
Arthur Crapsey
Jean Crapsey
Basil Dumbleton
Susan Eisenhower
Georgia Gosnell
Frank Hutchins

Agnes King
Floyd King
Dr. Lawrence Lundgren
Richard Shultz
Dr. Edward H. Thorndike
Andrew Wolfe



46 Prince Street Rochester, New York 14607-1016
Phone 716-271-3550 Fax 716-271-0606

July 31, 1991

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

Dear Dr. Bromley,

We are very pleased that you have accepted our invitation to be the speaker at the Center for Environmental Information's Annual Meeting on Wednesday, November 6. I would like to suggest "Risking Climate Change: Action in the Face of Uncertainty" as the title of your talk. Please let me know at your earliest convenience if this is suitable, so we may plan publicity accordingly. CEI's annual meeting is a fund raising event and we anticipate about 300 people, based on past experience.

The format of your visit is planned as follows:

Nov. 6	Press conference at airport	4:00 pm (Approx)
	Arrive at Strathallan Hotel	5:00 pm (Approx)
	Patron Reception	6:00 pm
	Dinner	7:00 pm
	(Annual Meeting business transacted between courses)	
	Address	8:15 pm
	Adjourn	9:00 pm
Nov. 7	Community Leaders' Breakfast	7:45 - 9:00 am
	(CEO's of industry, area colleges/ universities and civic and political leaders)	
	Gannett Editorial Board	10:00 am
	To Airport	11:00 am (Approx)

We would be happy to make your plane reservations at this end unless you would prefer to do so from your office. In any case we will cover all travel costs.

I have enclosed a copy of the July issue of the Global Climate Change Digest which may be of particular interest. We note that OSTP is not a subscriber. In the expectation that you may find this monthly summary of the literature valuable I have also enclosed subscription information.

Harry and Marian Fulbright have been long-time members of CEI, as well as friends and colleagues, so we are especially pleased that you are returning to Rochester via their connection.

Susanna Cordts, my assistant, will be in touch with your office later to confirm details. Meanwhile do not hesitate to call if you have questions.

We look forward to seeing you in Rochester in November.

Sincerely,



Elizabeth Thorndike
President

ET/sh

cc: J. Underberg
H. Fulbright

Encls.

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

July 26, 1991

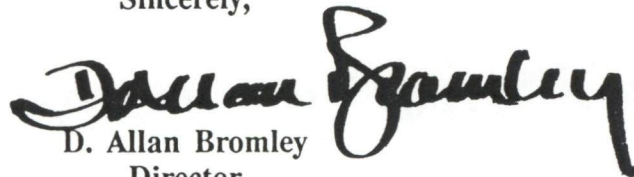
Dear Ms. Tabor:

Thank you for your letter advising us of the selection of Dr. Arlan K. Andrews as the ASME candidate for a fellowship in the Office of Science and Technology Policy. As you know, Dr. Andrews has been interviewing with our staff for several weeks and has completed some of the requisite paperwork.

I am pleased to advise you that Dr. Andrews has been selected for the fellowship. We are very impressed with his background and experience and feel that he will make a fine addition to our staff. I appreciate your making this assignment possible for the OSTP again this year.

I appreciate your continuing interest and support of the OSTP.

Sincerely,


D. Allan Bromley
Director

Ms. Janis Tabor, Director
Government Relations
The American Society of Mechanical
Engineers
1825 K Street, N.W.
Washington, D.C. 20006-1202

RECEIVED



The American Society of
Mechanical Engineers

31 MAY 31 2:55

Suite 218
1825 K Street, N.W.
Washington, DC 20006-1202
202-785-3756

OF. OF. OF.
DIRECTOR

May 30, 1991

The Honorable D. Allan Bromley
Science Adviser to the President
and Director,
Office of Science and Technology Policy
The White House
Washington, DC 20500

Dear Dr. Bromley:

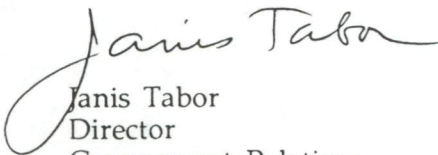
I am pleased to advise you that The American Society of Mechanical Engineers (ASME) has selected Dr. Arlan K. Andrews as the candidate for ASME's Fellowship in the Office of Science and Technology Policy in 1992.

Earlier this year, Dr. Andrews was selected as ASME's first Technology Administration Fellow. He began this position, which involves work with manufacturing and transportation critical technologies, under a nine-month agreement that ends January 31, 1992. A long-time employee of AT&T, Dr. Andrews is currently employed by Sandia National Laboratories. His resume is enclosed.

I would like to arrange meetings for Dr. Andrews with you and appropriate OSTP staff. We hope that schedules will allow the meetings to take place in June so that we can finalize arrangements with Dr. Andrews, Sandia, and the American Association for the Advancement of Science with regard to training.

I look forward to hearing from you.

Sincerely,


Janis Tabor
Director
Government Relations

Enclosure

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9121576

FROM: TABOR, Janis: THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

TO: Dr. D. Allan Bromley

Salvador Savoy

7-16-40

DATE OF
CORRESPONDENCE: 05/30/91

SUBJECT: REQUEST TO ARRANGE MEETINGS FOR DR. ARLAN ANDREWS
WITH DR. BROMLEY AND APPROPRIATE OSTP STAFF SINCE HE
HAS BEEN SELECTED AS THE CANDIDATE FOR ASME'S
FELLOWSHIP IN OSTP IN 1992.

Call Pam

DIRECTORATE
ASSIGNED: DIRECTOR'S OFFICE

STAFF
ASSIGNED:

*Commerce
377-4844*

*Set up brief
interviews:*

*ADS
KY
DAB*

ACTION
REQUIRED: AS NECESSARY

STAFF
ACTION:

SENDER'S DUE DATE: OSTP DUE DATE: 06/05/91

DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
ADMINISTRATION
INDUSTRIAL

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

*Called
Arlane Andrews 7/2.
He will free out form 278
+ get it to me asap.*

DATE RECEIVED: 05/31/91

FILE: ADMIN-PERSONNEL*INDUSTRIAL

THE WHITE HOUSE
WASHINGTON

July 24, 1991

Dear Dr. Tibell:

Thank you for your letter of June 13 inviting me to speak at the Royal Swedish Academy on September 16. I apologize for the much belated response.

As much as I would like to join you, I must regretfully decline your kind invitation because that particular time is an extremely busy one on my calendar.

Thank you for thinking of me and let me offer my best wishes for success in the activities of the Academy.

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
The Assistant to the President
for
Science and Technology

Dr. Gunnar Tibell
Kungl Vetenskapsakademien
Svenska Nationalkommitten for Fysik
Uppsala Universitet
Box 535
S-751 21
Uppsala, Sweden

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9121872

SPEECH: YES NO

FROM: TIBELL, Gunnar: KUNGL. VETENSKAPSAKADEMIEN (The
Swedish National Committee for Physics)

DATE OF EVENT: 09/16/91

LOCATION OF EVENT:

TIME OF EVENT: TERNOON

SUBJECT: INVITATION TO STOCKHOLM TO GIVE, A 45 MINUTE LECTURE
ON "PHYSICS FROM AN INTERNATIONAL STANDPOINT".

RSVP: 07/16/91

CONTACT PERSON:

CONTACT NUMBER: +46-18-183833

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO: INTERNATIONAL/POL

REMARKS:

DATE OF LETTER: 06/13/91

DATE RECEIVED: 06/25/91

FILE: INVITATION



KUNGL.
VETENSKAPSAKADEMIEN
SVENSKA NATIONALKOMMITTÉN FÖR FYSIK
THE SWEDISH NATIONAL COMMITTEE FOR PHYSICS

June 13, 1991

RECEIVED

31 JUN 25 A 9:40

CHIEF OF
DIRECTOR

Prof. D. Allan Bromley
Executive Office of the President
The White House
Washington, D.C. 20500
USA

Dear Professor Bromley,

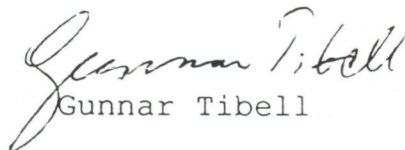
During the last academic year a discussion has started in Sweden about Swedish physics and its profile as compared to that of other countries. The Swedish National Committee for Physics of the Royal Swedish Academy of Sciences is organizing a day of physics at the Academy on September 16 this year. The day will contain short presentations of Swedish physics, an invited lecture on physics from an international standpoint and a general discussion on Swedish physics in the 90's. We are confident that the program will attract many of the young active Swedish physicists and many members of the Academy along with at least a few politicians.

In the discussions about a suitable invited speaker, capable to give a bird's eye view of physics, with reference also to the profiles in different countries, your name immediately came to our minds. With reference not only to your present role, but also to the years spent as president of IUPAP, we feel strongly that you would be the best choice!

We thus cordially invite you to Stockholm to give, in the early afternoon of September 16, 1991, a 45 minute lecture on "Physics from an international standpoint". Please reply, if possible, to fax number +46-18-183833.

011

Sincerely yours,


Gunnar Tibell

Prof. of High-Energy Physics, Uppsala University
Chairman, Swedish National Committee for Physics

THE WHITE HOUSE
WASHINGTON

July 9, 1991

Dear Ms. Truitt:

Many thanks for sending me the tape copy of the short piece recently aired on National Geographic "Explorer" about the environmental impact of the Gulf War. I have talked recently with Dr. Earle about many of these questions that you discuss and will be looking forward to longer program that you plan for some time in early 1992.

I would like to take this opportunity to congratulate the National Geographic Society for its leadership in responding to the unique opportunity provided by this tragic situation in Kuwait. Because the situation is one that we devoutly hope will never be replicated, it is very important that we obtain as much possible information about its long and short-term consequences as possible, and I know from my discussions with Dr. Earle and others, that National Geographic assistance has been of major importance, particularly during the early phases of the concerted study that is now underway.

Again, my thanks.

Sincerely yours,



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

Ms. Lisa Truitt
Television Division
National Geographic Society
Washington, D.C. 20036

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9121856

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: TRUITT, Lisa: NATIONAL GEOGRAPHIC SOCIETY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/19/91

SUBJECT: A COPY OF A SHORT PIECE THAT RECENTLY AIRED ON
NATIONAL GEOGRAPHIC "EXPLORER" ABOUT THE
ENVIRONMENTAL IMPACT OF THE GULF WAR.

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
ENVIRONMENT
INTERNATIONAL/POLICY
NATIONAL SECURITY

WHITE HOUSE TRACKING #:

CONTACT PERSON:
PHONE:

EXT:

REMARKS: Videocassette to DAB.

OSTP RECEIVED: 06/24/91
DEPT RECEIVED:

FILE: ENVIRONMENT*NATIONAL SECURITY

REC-21856
National Geographic Society

91 JUN 24 P 2: 12

WASHINGTON, D.C. 20036

TELEVISION DIVISION

OFFICE OF THE
DIRECTOR

June 19, 1991

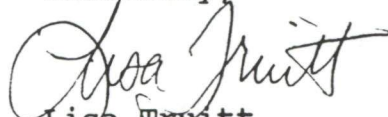
Dr. D. Allan Bromley
Science Advisor to the President and
Director of Science and Technology Policy
Old Executive Office Building
Washington, D.C. 20506

Dear Mr. Bromley:

At the request of Dr. Sylvia Earle, I am sending you a copy of a short piece that recently aired on National Geographic "Explorer" about the environmental impact of the Gulf War. This piece is fairly short, and is put together as a sort of "news report". We have a longer film in the works, which we hope will be the definitive report on the environmental impact of the war. This piece will probably be broadcast in March of 1992. It will include detailed natural history, both topside and underwater, before and after the war. It will also discuss the environmental effects of the oil fires and of mine damage, and look at how different species of animals cope with the damage.

I hope you find this useful.

Sincerely,


Lisa Truitt
Producer

THE WHITE HOUSE
WASHINGTON

June 13, 1991

Dear Professor Tamm:

Thank you for your recent letter informing me about the First International Symposium "Cherenkov Detectors" to be held on August 19-23, 1991, in Moscow.

I am, indeed, very interested in Cherenkov radiation and the scientific theories of Dr. Cherenkov. However, as much as I would have liked to join you, I will not be available during those dates in August.

Thank you for thinking of me and let me offer my best wishes for your 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
The Assistant to the President
for
Science and Technology

Professor Evgeny Tamm
Lebedev Physical Institute
USSR Academy of Sciences
Leninsky Prospect 53
117924 Moscow USSR

FAX: (202) 395-3261

PROFESSOR ALLEN BROMLEY,
ASSISTANT TO THE PRESIDENT
FOR SCIENCE AND TECHNOLOGY
THE WHITE HOUSE,
1600 PENNSYLVANIA AVE, NW,
WASHINGTON, D.C. 20500,
U.S.A.

CUR REF: 015
DATE: 6.06.91

DEAR PROFESSOR BROMLEY,

WE HAVE LEARNED FROM PROF. J.H. HUBBELL THAT YOU ARE INTERESTED
IN THE PERSONALITY AND SCIENTIFIC WORK OF THE LATE P.A. CHERENKOV,
ACADEMICIAN AND NOBEL PRIZE WINNER, AND THE SCIENTIFIC APPLICATION
OF THE CHERENKOV RADIATION.

WE HAVE PLEASURE IN INFORMING YOU THAT FROM 19TH TO 23RD AUGUST,
THIS YEAR IN MOSCOW THERE WILL BE HELD THE FIRST INTERNATIONAL
SYMPOSIUM " CHERENKOV DETECTORS " IN MEMORY OF P.A. CHERENKOV. THE
SYMPOSIUM IS ORGANISED BY THE USSR ACADEMY OF SCIENCES AND THE
LEBEDEV PHYSICAL INSTITUTE.

WE SHOULD BE HAPPY IF YOU COULD POSSIBLY TAKE PART IN THE SYMPOSIUM.

BEST WISHES.

YOURS TRULY

PROFESSOR EVGENY TAMM

CHAIRMAN OF THE ORGANIZING COMMITTEE.

You asked that these dates be
held on your calendar....

OUR ADDRESS:

LEBEDEV PHYSICAL INSTITUTE
USSR ACADEMY OF SCIENCES
LENINSKY PROSPECT 53
117924 MOSCOW USSR

TELEX: 411479 NEOD SU

Marian

Howay!
Need a nice letter
of thanks telling
him I will
definitely be
coming

THE WHITE HOUSE

WASHINGTON

June 4, 1991

Dear Johnny:

Thank you for your letter of March 18, 1991, inviting me to visit Fermilab. I apologize for the much belated response.

I would very much like to visit the lab and especially to observe the Tevatron and, of course, am equally interested in visiting the SSC facilities. However, at the present time, I am unable to set a specific date. I will keep your kind invitation in mind and contact you when I am free to accept your invitation.

I appreciate your thinking of me. With warmest best wishes,

Sincerely yours,



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

Dr. John S. Toll
President
Universities Research Association, Inc.
1111 19th Street, Northwest
Suite 400
Washington, D.C. 20036

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120838

SPEECH: YES NO

FROM: TOLL, John S.: UNIVERSITIES RESEARCH ASSOCIATION,
INC.

DATE OF EVENT:

LOCATION OF EVENT: ILLINOIS OR WAXAHACHIE, TEXAS

TIME OF EVENT:

SUBJECT: INVITATION OF VISIT FERMILAB WHERE THEY OPERATE THE
TEVATRON, THE WORLD'S HIGHEST ENERGY ACCELERATOR AND
COLLIDER.

RSVP: 04/05/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION

COPIES TO:

*Perhaps a cable letter
within year. 100 B*

REMARKS:

DATE OF LETTER: 03/18/91

DATE RECEIVED: 03/22/91

FILE: INVITATION

7/20/88

UNIVERSITIES RESEARCH ASSOCIATION, INC.

1111 19th Street, N.W. Suite 400 Washington, D.C. 20036

(202) 293-1382

RECEIVED

March 18, 1991

31 MAR 22 A 9: 52

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology Policy
Office of Science and Technology Policy
OEOB 17th Street & Pennsylvania Avenue, N.W.
Room 360
Washington, D.C. 20506

OFFICE OF THE
DIRECTOR

Dear *Allan* Dr. Bromley:

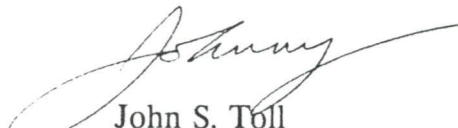
Enclosed is the 1990 Annual Report of Universities Research Association, Inc., contractor to the Department of Energy for Fermilab and the Superconducting Super Collider (SSC). The year was one of special importance to URA, when DOE's priority-setting procedures accorded first rank in high energy physics to initiatives at both laboratories: construction of the SSC was designated the most important project for the future of high energy physics, and the Main Injector at Fermilab was determined to be the most important project for high energy research during the period preceding operation of the SSC.

We invite you to visit Fermilab in Illinois, where we operate the Tevatron, the world's highest energy accelerator and collider. Or come to Waxahachie, Texas, around which we will build the SSC with twenty times the energy of the Tevatron, thereby magnifying twenty-fold our ability to examine the fundamental particles and forces of nature, with consequent tremendous potential for important discoveries. Universities and industries throughout the nation are involved in this coordinated program to understand elementary particles and interactions; the work draws on the best scientists and engineers and stimulates research and education in many fields. Previous work at URA facilities has already led to important advances in technology from medical instrumentation and computers to superconducting magnets.

Leadership in high energy physics is a mainstay of the United States' role in world science. As an association of seventy-eight major universities, URA will continue to assemble the talent it takes to keep that leadership position in the most dynamic and effective manner possible. The contributions of our universities, the URA boards, and the laboratory advisory committees have ushered in a new era of research management -- bringing global expertise to bear on the nation's premier science facilities.

Please let me know if you have any questions or if you would like additional material on URA, Fermilab or the SSC.

Sincerely,


John S. Toll
President

Enclosure

THE WHITE HOUSE

WASHINGTON

May 13, 1991

Dear Ms. Trull:

Thank you for your letter of March 29, 1991, inviting me to open the NABR annual conference on May 20, 1991. I apologize for the much belated response.

Unfortunately, due to scheduling difficulties, I will not be able to accept your kind invitation, as much as I would like to have done so. I understand that you have been in contact with Dr. D. A. Henderson's office to inquire about his availability. I hope he can meet with you.

I appreciate your thinking of me and would like to 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. Allan" and last name "Bromley" clearly distinguishable.

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

Ms. Frankie L. Trull
President
National Association for Biomedical Research
818 Connecticut Avenue, N.W., Suite 303
Washington, D.C. 20006

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9121126

SPEECH: YES NO

FROM: TRULL, Frankie L.: NABR

DATE OF EVENT: 05/20/91

LOCATION OF EVENT: CAPITAL HILTON HOTEL, 16TH & K STREETS, N.W.

TIME OF EVENT: 09:00AM

SUBJECT: INVITATION TO OPEN THE NATIONAL ASSOCIATION FOR
BIOMEDICAL RESEARCH'S 1991 ANNUAL CONFERENCE.

RSVP: 04/30/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: Dr. Henderson

REMARKS:

Marion
write them that DAB cannot do it but "I
understand that you have been in contact
with D.A. Henderson's office to inquire about his
availability. I hope he can meet with you."
JMC

DATE OF LETTER: 03/29/91

DATE RECEIVED: 04/16/91

FILE: INVITATION-SPEECH

1121126

NABR

NATIONAL ASSOCIATION FOR BIOMEDICAL RESEARCH

RECEIVED

March 29, 1991

91 APR 16 AIO: 18

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

OFFICE OF THE
DIRECTOR

Dear Dr. Bromley:

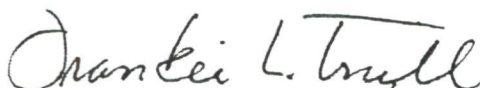
Please accept the National Association for Biomedical Research's invitation to open its 1991 annual conference on Monday, May 20 at 9:00 a.m. in the Capital Hilton Hotel, 16th and K Streets, N.W., Washington, D.C.

The conference will be attended by representatives of Association member institutions which include 350 universities, medical and veterinary schools, academic and professional societies, and voluntary health organizations as well as pharmaceutical and other research intensive companies. The purpose of the conference is to discuss current legislative and regulatory activities affecting the use of laboratory animals in research, testing and education. Attendees will spend the second day of the conference visiting their Members of Congress. They would very much appreciate hearing your views on communicating with elected officials, federal agencies and the public concerning the process and needs of science.

We do hope your crowded schedule will allow you meet and briefly address the NABR membership. I know that they would welcome the opportunity to hear your remarks, and also to thank you in person for your activities on behalf of science. My office will be in touch with yours to learn whether you will be able to attend.

Thank you very much for considering our invitation; we hope to see you in May.

Sincerely,



Frankie L. Trull
President

THE WHITE HOUSE
WASHINGTON

March 26, 1991

Dear Dick:

Thank you for your recent letter and for the copy of the publication on the history of the Office of the Attorney General.

It is an impressive work, handsomely produced, and I am pleased to have it as part of my personal library. I appreciate your thinking of me.

My best wishes,

Sincerely,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley".

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

The Honorable Dick Thornburgh
Attorney General of the United States
Washington, D.C. 20530



Office of the Attorney General
Washington, D.C. 20530

RECEIVED

31 MAR 19 P 2: 31

March 12, 1991

OFFICE OF THE
DIRECTOR

The Honorable D. Allan Bromley
Assistant to the President
for Science and Technology
Room 358
Old Executive Office Building
Washington, D.C. 20500

Dear Allan:

In September of 1989, the Department of Justice celebrated the 200th anniversary of the Office of the Attorney General, created by the Judiciary Act of 1789.

The enclosed publication sets forth the history of this office and recounts the event which was attended by President Bush and several distinguished former Attorneys General.

I hope you will find this book as handsome and informative as I have, and through the book will share in our celebration.

Sincerely,

A large, stylized handwritten signature of Dick Thornburgh is written over the typed name and title.

Dick Thornburgh
Attorney General

Enclosure

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", written in a cursive style.

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



January 29, 1991

via Federal Express

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

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04. Letter	To: Stephen Trachtenberg From: Allan Bromley Re: Response to request for nominees for position at university [personal information redacted] (3 pp.)	1/3/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed: 2/4/2010	OA/ID Number: 62001-004
FOIA/SYS Case #: 2005-0336-F	Appeal Case #:
Re-review Case #:	Appeal Disposition:
P-2/P-5 Review Case #:	Disposition Date:
AR Case #:	MR Case #:
AR Disposition:	MR Disposition:
AR Disposition Date:	MR Disposition Date:

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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



THE PRESIDENT

January 10, 1991

The Honorable D. Allan Bromley
Assistant to the President for
Science and Technology
Office of Science and Technology Policy
Executive Office of the President
The White House
1600 Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Dr. Bromley:

I write to thank you for your good letter of January 3 and to say that I will share this correspondence with the Chairman of The George Washington University Search Committee who is assisting me in the quest for a new Dean of our School of Engineering and Applied Science. I am confident that he will immediately follow up with the individuals you indicated. We are determined, as I mentioned in my earlier letter, to make a first rate appointment.

All good wishes.

Cordially,

Stephen Joel Trachtenberg
President

SJT:ls

1/31

w/u

FR/ a.m.
(out of town
1/30)

2/1

Not interested!

Siegman, Anthony E

Business: Edward L Ginzton Lab, Stanford CA 94305

Position: Prof of Elec Engrg *Employer:* Stanford Univ *Born:* 11/23/31 *Education:* AB/
Engr Sci & Appl Physics; MS/Appl Physics/UCLA; PhD/Elec Engg/Stanford AB
summa cum laude Harvard Univ 1952; MS Applied Phys UCLA 1954; PhD Elec
Engg Stanford Univ 1957. Mbr of Hughes Cooperative Plan, Hughes Res Labs Culver
City, CA 1952-54. Author *Microwave Solid-State Masers* 1964 & *An Intro to lasers &*
Masers 1971. John Simon Gugenheim Fellow 1969; W R G Baker Award IEEE for
the best paper publ in any IEEE Transactions during 1971. In 1965 was a Visiting
Prof of Appl Phys at Harvard Univ. Fellow of IEEE, Optical Soc of America, Amer
Phys Soc. Mbr of natl Acad of Engg, Air Force Scientific Advisory Bd *Society Aff:*
IEEE, OSA, APS, NAE.

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120086

FROM: TRACHTENBERG, STEPHEN JOEL

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/10/91

SUBJECT: THANK YOU NOTE

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: 01/17/91

FILE: BROMLEY - CORRESPONDENCE

"CORRESPONDENCE TRACKING"

TYPE: Action Item

DOCUMENT NUMBER: 9024455

FROM: Trachtenberg, Stephen: GWU

TO: Bromley

DATE OF
CORRESPONDENCE: 12/20/90

SUBJECT: Requests nominations for Dean of E School

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: direct reply

SENDER'S DUE DATE: OSTP DUE DATE: 01/15/91

DATE COMPLETED:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 12/27/90

FILE: BROMLEY



THE PRESIDENT

September 20, 1990

Honorable D. Allan Bromley
Assistant to the President for
Science and Technology
Office of Science and Technology Policy
Executive Office of the President
White House
1000 Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Dr. Bromley:

Thank you for your lovely letter of December 17 about Bill Wells. I really do appreciate hearing from you. Obviously, we always try to be accommodating to colleagues when they have an opportunity such as the one provided to Professor Wells. But, it is reassuring to know that our investment paid off. Sometimes, I confess, I wonder.

Thinking about wondering, I wonder if I could impose on you--just a little? We have presently underway a search for a new Dean of our School of Engineering and Applied Science. I enclose a copy of the notice announcing the enterprise. May I impose on you to give The George Washington University a hand with this initiative? We are looking for somebody truly wonderful and the University is willing to put a new meaning to the word, "hospitality," for the right person.

Obviously, we need someone that the Engineering faculty will deem sound. Professional respect is crucial. But, we don't want just a great person; we want someone who sees the thrilling potential in leading a distinguished school of engineering from strength to strength, in helping and faculty colleagues to create a special school of engineering that uses its unique location in the nation's capital.

I would love to have somebody who has a sense of the possible in cross-disciplinary and inter-disciplinary endeavors. Perhaps someone who looks at The George Washington University as the center for engineering education. It might be interesting to have a dean who understands the "pulpit" that the position might provide. Someone who relishes the

Cabinet
Secretaries
work with
science
at the
level in

earnestly
with.
It'd be a
league

THE WHITE HOUSE

WASHINGTON

February 21, 1991

Dear Johnny:

Unfortunately your letter of January 23, in which you invite me to join you for lunch on February 1 during the meeting of your Council of Presidents, arrived here only on February 7 for reasons which defy rational understanding.

That being the case, of course, I can only say that I am sorry and that I would have made an effort to at least join you for lunch had I known about it in time.

Please give my apologies to the Council and perhaps we can look forward to better luck next year.

With all best wishes,

Sincerely yours,



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

Dr. John S. Toll
President
Universities Research Association, Inc.
1111 19th Street, Northwest, Suite 400
Washington, D.C. 20036

THE WHITE HOUSE
WASHINGTON

March 13, 1991

Dear Dr. Veigel:

Thank you for your letter of March 4 enclosing a copy of your Annual Report. I am always pleased to hear success stories--they are a welcome change.

Keep up the good work! I appreciate your thinking of me.

Best wishes.

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

Dr. Jon M. Veigel
President
Oak Ridge Associated Universities
Post Office Box 117
Oak Ridge, Tennessee 37831-0117

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120706

FROM: VEIGEL, Jon M.: OAK RIDGE ASSOCIATED UNIVERSITIES

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/04/91

SUBJECT: ORAU'S NEW ANNUAL REPORT.

ASSIGNED TO:

*Please draft a pleasant
short reply
DOB*

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 03/11/91

FILE: EDUCATION



Oak Ridge
Associated
Universities

Post Office Box 117
Oak Ridge, Tennessee 37831-0117

RECEIVED
President's
Office

81 MAR 11 P 3:15

March 4, 1991

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President
Office of Science & Technology Policy
Old Executive Office Building
17th Street and Pennsylvania Ave., NW
Washington, DC 20506

Dear Dr. Bromley:

I am delighted to send you our new Annual Report. It features the people of Oak Ridge Associated Universities--the people on whom ORAU's success depends, both as a multi-university consortium and as a laboratory for the Department of Energy.

You can be proud of the organization this report describes and in whose history you played a vital role. Thank you for your good service to ORAU.

Sincerely,

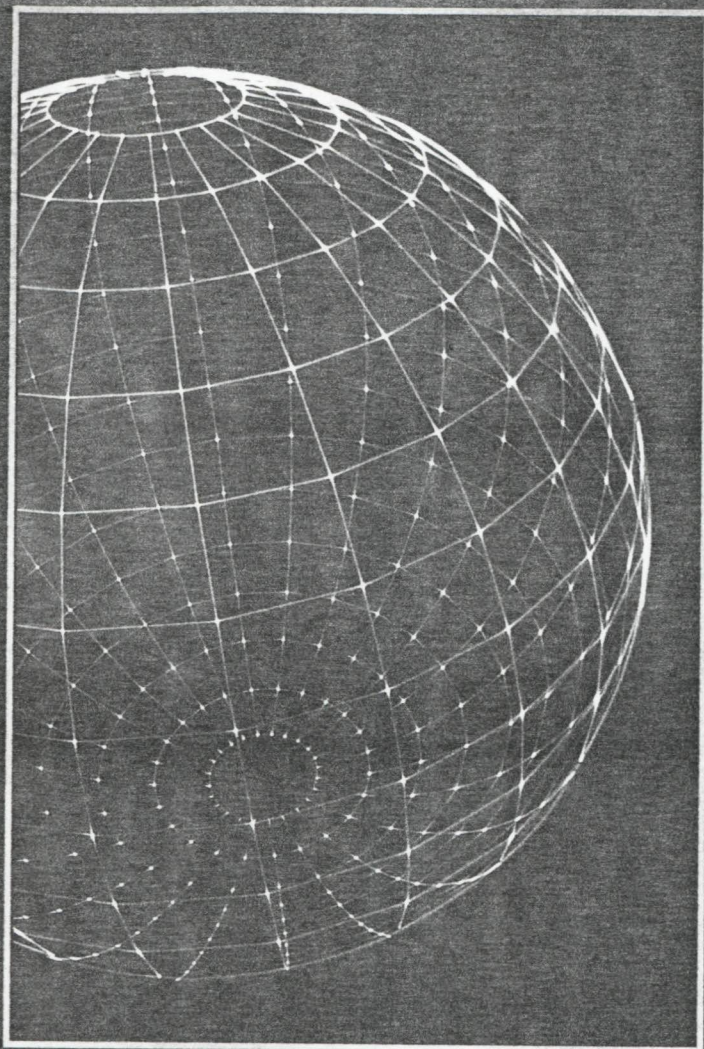
A handwritten signature in dark ink, appearing to read 'Jon M. Veigel', written over a horizontal line.

Jon M. Veigel
President

JMV:eak

Enclosure: Annual Report

OAK RIDGE ASSOCIATED UNIVERSITIES



OR
AU 1990
Annual Report

THE WHITE HOUSE

Nov. 12, 1991

Dear Roy:

Many thanks for the copy of the impressive
volume Values and Visions. It is beautifully
done and tells a fascinating story
with excellent photos

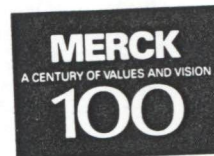
Sincerely

Alan Brinkley

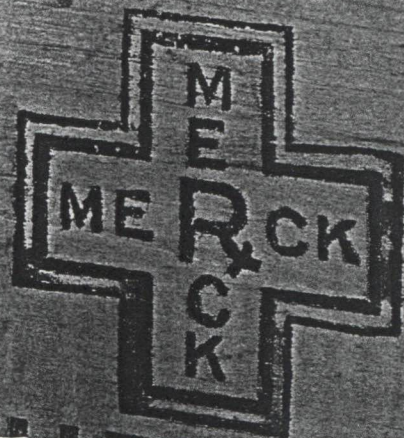
To help celebrate Merck's 100th birthday in 1991, I am pleased to present you with our Centennial history. Our goal in publishing this volume was to capture the corporate culture that has sustained Merck's success since the 1890s, and to present a view of the competitive and medical challenges that lie ahead. I hope you find *Values & Visions* to be stimulating reading.



P. Roy Vagelos, M.D.
Chairman & Chief Executive Officer
Merck & Co., Inc.



FROM
MERCK &



VALUES & VISIONS

A Merck Century

Foreword by P. Roy Vagelos, M.D.
Chairman and Chief Executive Officer

THE WHITE HOUSE
WASHINGTON

November 20, 1991

Dear Academician Velikhov:

Thank you very much for your invitation to attend the Conference of Scientists to be held in Moscow on December 10-12, 1991. Unfortunately, I must decline.

I very much appreciate your kind invitation. I recognize the importance of this conference for science in your country, and I am honored that you thought to invite me. Unfortunately, I must remain in Washington, D.C., during those dates in December to chair a meeting of the President's Council of Advisors on Science and Technology.

Best wishes for a successful conference. I would be most interested in receiving a report on the outcome, should a report become available.

Sincerely,



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

Academician E. P. Velikhov
Vice President
USSR Academy of Sciences
Leninski Prospect, 14
Moscow, 117901
USSR

JFO'Neil:jw:11/20/91

9124557

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9124557

ORIGINATOR: 02

SPEECH: YES NO

FROM: VELIKHOV, E.P.: CO-CHAIRMAN, CONFERENCE
ORGANIZING COMMITTEE

DATE OF EVENT: 12/10/91 THRU: 12/12/91
TENTATIVE DATES:

LOCATION OF EVENT: MOSCOW, USSR

TIME OF EVENT:

SUBJECT: AN INVITATION TO ATTEND THE CONFERENCE OF SCIENTISTS
OF ACADEMIC INSTITUTION.

RSVP: 11/12/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

PCAST date...

COPIES TO: INTERNATIONAL/POL

*request
copies for
PCAST*

REMARKS:

DATE OF LETTER: 10/24/91

DATE RECEIVED: 10/29/91

FILE: P-INVITATION

THE WHITE HOUSE
WASHINGTON

December 3, 1991

Dear Ed:

This is a much belated expression of appreciation for your coming to Washington for the meeting with Governor Sununu concerning biodiversity. Your presence at that meeting was of extreme importance and I only regret that you now feel that your other responsibilities make it impossible for you to participate in forthcoming meetings on this topic.

Your presentation to PCAST was masterful and I would wish only to thank you for it and your participation in the Sununu meeting as well as a lifetime of remarkable service to science generally.

With all best wishes,

Sincerely yours,



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

Professor Edward O. Wilson
Museum of Comparative Zoology
Harvard University
Cambridge, Massachusetts 02138

MUSEUM OF COMPARATIVE ZOOLOGY

The Agassiz Museum



HARVARD UNIVERSITY . CAMBRIDGE, MASSACHUSETTS 02138 91 TEL. 29174105-2066

23 October 1991

OFFICE OF THE
DIRECTOR

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

Dear Allan:

I was very grateful for the opportunity to meet with you again, this time with Governor Sununu, and thereby to move biodiversity closer to center stage.

I've decided, however, not to join the committee now forming to examine biodiversity and economic development more deeply. The reasons are personal (in no way political), having to do with the crushing schedule to which I've already committed myself in research, writing, and teaching--in several subjects!

On the other hand, since I am now completing a comprehensive book on biodiversity studies, I'll be glad to consult with the committee, sharing sources and ideas, if it doesn't require further travel.

As to committee members I'd recommend, *Thomas Eisner* of Cornell is tops: fully involved already as inventor of the concept of chemical prospecting, mediator in the recent Merck deal with Costa Rica, etc. Another obvious person is *Peter Raven*, a world authority on biodiversity and superlative scientific statesman; I presume you know him well through the NAS. A third leading prospect is *Gordon Orians* of the University of Washington, now serving as president of the Organization of Tropical Studies, a member of the National Academy, a non-ideologue, and an all-round expert.

With warm regards,



Edward O. Wilson

EOW:kmh

"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9124565

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: WILSON, Edward O.: MUSEUM OF COMPARATIVE ZOOLOGY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/23/91

SUBJECT: REGRETS HIS INABILITY TO JOIN THE COMMITTEE NOW
FORMING ON BIODIVERSITY. HE ALSO RECOMMENDS SEVERAL
OTHER CANDIDATES.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE: STAFF DUE DATE
OSTP DUE DATE: DATE COMPLETED/DEPT:
DATE COMPLETED:

COPIES TO: D. Allan Bromley
PCAST
ENVIRONMENT

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 10/29/91
FILE: P-PCAST

DEPT RECEIVED:

CENTRAL FILES:

THE WHITE HOUSE
WASHINGTON

August 15, 1991

Dear Mr. Ambassador,

I would like to take this opportunity to thank you for meeting with me on my recent European trip. It was particularly beneficial to talk with you at the beginning of my discussions in Germany. I found your insights especially helpful in preparing for my meeting with Minister Riesenhuber.

I also enjoyed very much sharing war stories. You have certainly had some remarkable experiences during your distinguished career. While your 50 year anniversary of government service is enviable, I suspect your government service is very far from any conclusion. If in your future service I can be of assistance, I hope that you will not hesitate to let me know.

Your staff put forth a superb effort in supporting me during my stay in Germany. In particular, I would like to single out your Science Counsellor, Mr. Francis Kinnelly. I am pleased to report that with the assistance of your able staff, my meetings with Minister Reisenhuber were extremely successful.

I wish you all success in your impending move. And I hope your endeavors toward the establishment of a proper museum at Peenemunde will be equally successful.

Sincerely yours,

A handwritten signature in dark ink, reading "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
The Assistant to the President
for
Science and Technology

The Honorable Vernon A. Walters
American Ambassador
Bonn

THE WHITE HOUSE
WASHINGTON

January 18, 1991

Dear President Weber:

I am happy to accept your kind invitation to attend the one hundred and thirty-third Commencement of Northwestern University on Saturday morning, June 22, 1991, to receive the degree of Doctor of Science.

I shall be most happy and honored to join the Northwestern University family and will look forward to receiving from you the details concerning commencement plans mentioned in your January 14 letter.

With all best wishes for a happy and prosperous 1991,

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 last name "Bromley" clearly distinguishable.

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

Dr. Arnold R. Weber
President
Northwestern University
Evanston, Illinois 60208

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120081

SPEECH: YES NO

FROM: WEBER, ARNOLD R.

DATE OF EVENT: 06/22/91

LOCATION OF EVENT: NORTHWESTEN UNIVERSITY

TIME OF EVENT:

SUBJECT: RECEIVE THE DEGREE OF DOCTOR OF SCIENCE

You have your calendar for the
week of June 17-22 marked off
with Paris and Strausberg....

RSVP:

CONTACT PERSON: ARNOLD R. WEBER

CONTACT NUMBER:

INVITATION ACCEPTED?

YE

COPIES TO: D. Allan Bromley
Damar Hawkins

REMARKS:

Marian
I have to be back here
on Friday 21 so
can do this
Accept please

DATE OF LETTER: 01/14/91

DATE RECEIVED: 01/16/91

FILE: INVITATION

NORTHWESTERN UNIVERSITY
EVANSTON — CHICAGO

OFFICE OF THE PRESIDENT
EVANSTON, ILLINOIS 60208

January 14, 1991

D. Allan Bromley, Director
Office of Science and Technology Policy
Old Executive Building
Room 360
17th Street & Pennsylvania Avenue, N.W.
Washington, D. C. 20506

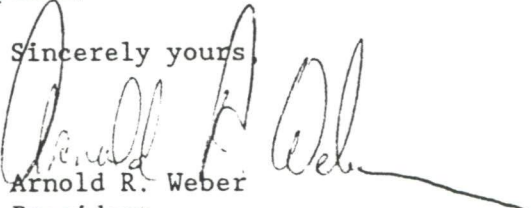
Dear Mr. Bromley:

It is my pleasure to invite you to attend the one hundred and thirty-third Commencement of Northwestern University on Saturday morning, June 22, 1991, to receive the degree of Doctor of Science.

This invitation, which originated in the University Senate, has the unanimous endorsement of our Board of Trustees, and thus represents the desire of both the academic and corporate branches of the University to recognize your distinguished accomplishments.

We will be very pleased if you are able to accept the award of this degree. If you accept, I shall then send you details concerning Commencement plans.

Sincerely yours,


Arnold R. Weber
President

ARW:jlpl

THE WHITE HOUSE
WASHINGTON

January 7, 1991

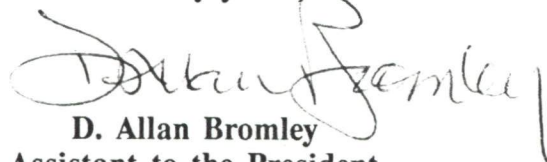
Dear Professor Walker:

Thank you for your letter of November 19 inviting me to present a public lecture in the fall. I apologize for the much belated response.

Because we are very adamant about informing the American public, and, of course, our institutions of higher learning, the Administration's views about science and technology, I would have liked to contribute to your organization's efforts to this end. However, the number of requests I receive is overwhelming and growing, and I find that, even at this early date, this fall is extremely busy so I must regretfully decline your invitation.

Thank you for thinking of me and let me offer my best wishes in this commendable endeavor.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley", written over the typed name.

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

Professor James R. Walker
Department of Microbiology
The University of Texas at Austin
Austin, Texas 78712-1095

"CORRESPONDENCE TRACKING"

TYPE: Action Item

DOCUMENT NUMBER: 9024200

FROM: Walker, James: University of Texas at Austin

TO: Bromley

DATE OF
CORRESPONDENCE: 11/19/90

SUBJECT: Invitation to lecture next Fall and comments on
NSF/NIH research grant funding

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: as appropriate

SENDER'S DUE DATE:

OSTP DUE DATE: 12/20/90

DATE COMPLETED: -----

COPIES TO: Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

Sponsor:
Subject:
Audience:
Date:
Location:
Contact:
Comments:

University of Texas
Science and technology policy

Anytime
Austin, Texas
James Walker

The letter also rebuts two of your opinions
regarding biomedical research funding.

*Tell them it is
difficult for DAB
to get out of town.
JWC*

YES

NO

DEPARTMENT OF MICROBIOLOGY
THE UNIVERSITY OF TEXAS AT AUSTIN

Austin, Texas 78712-1095 • (512) 471-5105

November 19, 1990

Dr. David A. Bromley
Assistant to the President
for Science and Technology
Old Executive Office Bldg.
Room 358
Washington, D.C. 20506

Dear Dr. Bromley:

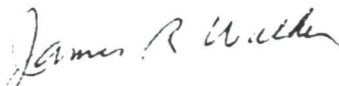
This is to thank you for coming to Austin to participate in the program sponsored by the Center for Study of the Presidency. I would like to invite you to visit the University of Texas campus to present a Public Lecture. The audience would consist of many of our faculty and administrators plus many non-scientists from the Austin community. Learning about the President's science and technology planning and decision-making would be very interesting. Of course, we shall provide for your travel and accommodations. I know the demands on your time are great, and we can try to work with any date that you would find convenient. Perhaps you could come in the 1991 fall.

I appreciated also the opportunity to discuss the crisis in NSF and NIH research grant funding with you, if only for two minutes. You felt that the recent funding situation has not been so severe. Although biomedical research grant funding might improve in fiscal 91, I should like to rebut two opinions you expressed. First, you mentioned application rating inflation by review panels. While this has happened, it is irrelevant to funding because awards are made, in general, on the basis of percentile scores and not by the rating assigned.

Second, you mentioned that the average success rate of NSF grant holders is 1.7 (grant holders average 1.7 grants each). Those data are suspect for two reasons. (i) They include only the successful applicants. (ii) The average of 1.7 undoubtedly includes some grants which were awarded three-five years ago. It is doubtful that many of the awardees will be able to renew grants in the future if they already hold one.

The critical datum is the number of NIH new and competing grants funded annually which has dropped from about 6300 to about 4600 in fiscal 90. Unless the number of about 6000 is restored (by whatever means), the careers of many young scientists will be nipped in the bud. Even worse, the lack of opportunities for independent careers certainly will discourage young people from entering science. Attached are copies of several, recently published articles which relate to these concerns.

Sincerely yours,



James R. Walker
Professor and Chairman

sbcl

encls.

THE WHITE HOUSE

WASHINGTON

December 16, 1991

Dear Mr. Williams:

Thank you for your letter of November 18, 1991 inviting me to be the keynote speaker at the American Defense Preparedness Association's May 5 and 6, 1992, Symposium in White Oak, Maryland. I apologize for the much belated response.

As much as I would like to join you, that date is not good on my calendar.

I appreciate your thinking of me and would like to offer my best wishes for a successful symposium.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is stylized with a large, flowing "D" and "B".

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

Mr. Ronald E. Williams
General Manager Military Division
INTEL Corporation
5000 West Chandler Boulevard
Chandler, Arizona 85226

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9124945

ORIGINATOR: 02

SPEECH: YES NO

FROM: WILLIAMS, Ronald E.: INTEL CORPORATION

DATE OF EVENT: 05/05/92 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: NSWC, WHITE OAK, MARYLAND

TIME OF EVENT: 9:25 A.M.-10:25 A.M.

SUBJECT: AN INVITATION TO BE THE KEYNOTE SPEAKER AT THE
FOURTEENTH ANNUAL SYMPOSIUM OF THE AMERICAN DEFENSE
PREPAREDNESS ASSOCIATION'S SCIENCE AND ENGINEERING
TECHNOLOGY DIVISION.

RSVP: 12/13/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: Steve Olson
PHYSICAL SCIENCES
NATIONAL SECURITY

REMARKS:

Allen - ADPA is a very
influential & active defense
organization -- a good group.
But this is just one of their
divisions, so I would not rate
it high priority, given the
DATE RECEIVED: 11/27/91
demands on your schedule.
(I would, however, still like
to find a showcase event for
you to give a major national
security speech...)

- Mike

DATE

12/13/91
Jaeger - please
keep working on
this →

INTEL® CORPORATION
5000 W. Chandler Boulevard
Chandler, AZ 85226
(602) 554-8051



November 18, 1991

4945
RECEIVED

91 NOV 27 A10:18

QRT
MAIL ROOM

The Honorable
D. Allan Bromley
Assistant to the President
for Science and Technology
Room #358 Old Executive
Office Building
Washington, D.C. 20506

Dear Dr. Bromley:

The American Defense Preparedness Association's Science and Engineering Technology Division will present its Fourteenth Annual Symposium on May 5 and 6, 1992 at the Naval Surface Warfare Center in White Oak, Maryland. The mission of the Science and Engineering Technology Division is to "Foster communications between and support cooperative efforts by the Department of Defense and the Nation's science and engineering technology community to establish a more creative environment and to obtain a more productive use of the limited advanced technology resources." We have used this symposium as a major vehicle to accomplish this mission.

The theme of the 1992 symposium is "Defense Technology in a Global Perspective." I have included the latest draft of the symposium agenda, which expands on this theme and gives an overview of the content of the symposium.

As one of the most knowledgeable officials on technology issues, I would like to invite you to speak at the opening keynote session Tuesday, May 5, 1992, to present the administration's perspective on defense technology. This talk would take place from approximately 9:25 - 10:00 AM with a 20-25 minute address followed by questions and answers. You are also invited to attend any and all sessions of the symposium that your schedule permits including the banquet Tuesday evening. We find this banquet an excellent opportunity for exchanges between our speakers and the approximately 250 conference attendees.

D. Allan Bromley
November 18, 1991
Page two

I sincerely hope you will look favorable on this invitation as I look forward to meeting with you again. Please call or write if there are any questions I can answer.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ronald E. Williams".

Ronald E. Williams
General Manager Military Division
Chairman of Science and Engineering
Technology Division

/cs

cc: Allan Brown

THE WHITE HOUSE
WASHINGTON

December 27, 1991

Dear Chris:

Many thanks for your letter of December 3 in which you bring me up to date on developments at Bell Laboratories. I am, of course, delighted to find that you are pleased with the environment but not surprised. The AT&T Bell Laboratories have a well-deserved reputation as one of the finest laboratories, industrial or otherwise, anywhere in the world and all my students who have gone there in the past have been more than delighted with the opportunities to which they were exposed.

I gather that there have been certain changes in your personal life with some reduction of your ties to British Columbia, and I hope that now that you have your H1 visa in hand you will be able to proceed with the application for the green card supported by AT&T in standard fashion.

If, indeed, it is your feeling that you wish to move into a management position eventually, then clearly you have two choices. On the one hand, you can consider an MBA which you can complete in at most two years, and on the other hand, a JD degree in law which will probably take you three years. Either of these degrees coupled with your Ph.D. in physics will, of course, fit you in excellent fashion for a senior management position in the international field. It is traditional, both in Japan and Europe, that senior management have a solid technical background. Whereas here in the U.S., unfortunately, the focus has been more on the MBA and on the JD rather than on technical understanding of anything involved in the actual company.

As Chairman of the U.S. side of the US/EC Joint Consultative Group, I have been in Europe three times in the past few months and have had an opportunity to speak at length with a number of the senior people in science and technology in most of the member countries. Clearly this is a period of great excitement and challenge for European industry and I think that the preparation that you are obtaining through your experience at Bell Laboratories and then through your additional planned training will serve you extremely well in the future.

I had an opportunity to talk with Heinrich Pfeiffer and with Helmut Honley of the Humboldt Foundation on these recent trips and pointed out to them how delighted I was with you as a Lynen Fellow. They, of course, are very anxious that eventually you plan to return to Europe but I emphasized to them the importance of the additional postdoctoral experience that you are gaining and mentioned to them that it was my understanding that you probably would, in fact, go back in the longterm.

I much appreciate your keeping me in touch and letting me know how things are going and let me say how delighted I too was to have you working in the Wright Laboratory at Yale. I recognize that your past year has been one with more than normal excitement but let me only say that you more than fulfilled my very high expectations in terms of the contributions that you made, both to the physics and to the instrumentation in the laboratory. Beyond that, it was a pleasure having you as a member of the WSNL family.

Let me then wish you a very happy holiday season and every good thing in 1992.

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'D. Allan Bromley', with a stylized, flowing script.

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

Dr. Christoph Winter
104 Park Road
Monmouth Beach, New Jersey 07750

104 Park Road
Monmouth Beach, NJ 07750
December 3, 1991

Dr. D. Allan Bromley
The Assistant to the President for Science and Technology
6716 Tulip Hill Terrace
Bethesda, MD 20816

Dear Dr. Bromley:

After the first few weeks working at Bell Laboratories I am very happy to tell you that I find the challenges here most interesting and that I enjoy the atmosphere very much. Systems engineering is quite different from the physics work that I have been involved in previously, but the overlap with my computer background is tremendous. This makes my transition a lot easier. I am excited and curious about what the next years hold in stock for me.

I would like to take the opportunity and thank you for the help and encouragement you have given me during the difficult time of planning the transition and actually finding a job. Together with a number of changes in my personal life, the second half of this year has most certainly been one of the most turbulent times in my life. The last unexpected event was the delay (for no reason) of my H1 visa by three weeks, which left me stranded in Germany. I am glad that things are finally becoming more coherent.

My plans for the future are just slowly taking shape. Along with the application for a green-card (through AT&T) I would like to further develop the business aspects of my future career. With the help of my new-found Yale SOM connections I am exploring the possibilities for an Executive MBA program at a good business school. The combination of a solid technical background and respected business expertise seems to be in great demand on the international markets of the future. Especially with Europe-92 just around the

corner I anticipate interesting opportunities.

Let me thank you again for encouraging me to come to Yale at a time, which was very exciting and important. I have benefitted immensely not only from the work at WNSL but also from the unique, sometimes strange, but always stimulating atmosphere at Yale University. I am convinced that through WNSL we will remain in contact, nonetheless I would like to respectfully extend my best wishes for your future involvements in Washington.

Sincerely,

Christopher Winkler

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
05. Letter	To: Deboarh Wince-Smith From: Allan Bromley Re: Letter of Recommendation of Neeloo Bhatti [personal information redacted] (2 pp.)	12/3/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed: 2/4/2010	OA/ID Number: 62001-004
FOIA/SYS Case #: 2005-0336-F	Appeal Case #:
Re-review Case #:	Appeal Disposition:
P-2/P-5 Review Case #:	Disposition Date:
AR Case #:	MR Case #:
AR Disposition:	MR Disposition:
AR Disposition Date:	MR Disposition Date:

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

"Document Control"

TYPE: INFORMATION DOCUMENT NUMBER: 9124539
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS

FROM: BHATTI, N.: ARGONNE NATIONAL LABORATORY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/24/91

SUBJECT: RE: A PROPOSAL ON THE ENVIRONMENTAL AND ECONOMIC
EFFECTS OF THE NORTH AMERICAN FREE TRADE AGREEMENT.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
ENVIRONMENT
INDUSTRIAL
INTERNATIONAL/POLICY

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

*Can Deborah
Wmca*

OSTP RECEIVED: 10/24/91 DEPT RECEIVED:
FILE: P-ENVIRONMENT
CENTRAL FILES:

4539

ARGONNE NATIONAL LABORATORY
Environmental Assessment & Information Sciences Division
Building 900

9700 South Cass Avenue, Argonne, Illinois 60439-4815

Telephone 708/972-6595

Fax 708/972-5327

October 24, 1991

The Honorable D. Allan Bromley
Science Advisor to the President
Executive Office of the President
Office of Science and Technology Policy
Old Executive Office Building, Room 360
17th and Pennsylvania Ave., NW
Washington, DC 20500

Dear Dr. Bromley:

It was wonderful talking to you on the phone earlier today - it certainly has been a while since we have been in touch.

As promised, I am sending you a copy of the proposal and letter that I sent to Deborah Wince-Smith outlining a study of how passage of the North American Free Trade Agreement would impact the United States and Mexico, from both environmental and economic perspectives. I firmly believe that such a study is urgently needed if the United States is to maintain and strengthen its leadership role in global environmental issues and take full advantage of the enormous economic opportunities that such issues offer to U.S. firms producing environmental and clean energy technologies. I would greatly appreciate any comments you may have on this proposal and any assistance you could provide in helping get such a study funded.

I have also enclosed a copy of the report I wrote on my return from my World Bank mission to Romania. It is obvious that this country (along with all of the Eastern European region) needs a tremendous amount of help in integrating into the world economic system and in ameliorating the legacy of environmental degradation left by its Communist heritage. If you ever have an opportunity to talk to the higher-ups in the World Bank about our study it would be a great help in alerting them to the need to pursue this project in greater detail. (I, of course, have an ulterior motive in this regard, as it would enable me to continue to go on missions for the Bank!)

I hope to be able to see you in the very near future, either here or in Washington. Looking forward to hearing from you.

Affectionately yours,

Niels

NB:aoc
attachments

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
06. Letter	To: P.K. Williams From: Allan Bromley Re: Vernon Hughes [personal information redacted] (1 pp.)	12/2/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: D. Allan Bromley Correspondence N-Z [3 of 4] [1991]

Date Closed:	2/4/2010	OA/ID Number:	62001-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

(b)(1) National security classified information [(b)(1) of the FOIA]
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(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE
WASHINGTON

November 29, 1991

Dear Bob:

A belated congratulations on your promotion to tenure!

I received a pleasant note from James J. Wert telling me of the promotion and am delighted that this is now behind you. Clearly, you had earned this and I hope that all goes well in your research program.

I hope that our paths cross soon and if you and/or Mari find yourself in the Washington area, please do give me a little warning so that I can have the pleasure of taking you to lunch at the White House Mess.

In the meantime, I hope that the upcoming New Year holds nothing but health, happiness, and satisfaction for all the Wellers.

Sincerely yours,



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

Dr. Robert A. Weller
Department of Material Science and Engineering
Vanderbilt University
Nashville, Tennessee 37235

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION DOCUMENT NUMBER: 9124165
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS

FROM: WERT, James J.: VANDERBILT UNIVERSITY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 09/16/91

SUBJECT: A THANK YOU FOR YOUR EVALUATION OF DR. ROBERT A.
WELLER.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 09/24/91 FILE: P-DAB-REFERRAL
DEPT RECEIVED:

VANDERBILT UNIVERSITY



NASHVILLE, TENNESSEE 37235

7188
TELEPHONE (615) 322-7311

School of Engineering • Mechanical and Materials Engineering • Direct phone 322-3583

JAMES J. WERT, PH. D., P. E.
George A. Sloan Professor of Metallurgy
Box 1621, Station B

September 16, 1991

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

Dear Dr. Bromley:

By now you have probably heard that Dr. Robert A. Weller has been promoted to the position of Associate Professor of Materials Science with tenure in the Department of Materials Science and Engineering at Vanderbilt University. As Chairman of the Committee which evaluated Bob's credentials, I am very pleased by the actions of the University Tenure Committee and our Board of Trust. The Committee, and I especially, are very grateful for your thoughtful evaluation of Professor Weller's qualifications and research record. Since we work with Bob on a daily basis, it is extremely difficult for us to provide an unbiased opinion of either his talents or potential. There, your input was essential to the University Tenure Committee.

I know that you have a very busy schedule and we are appreciative of your finding time to answer our query. Please be assured that your input was very meaningful and useful to us and to Vanderbilt University.

Sincerely yours,

James J. Wert

JJW:db

THE WHITE HOUSE
WASHINGTON

November 8, 1991

Dear Edwin:

I am enclosing herewith a copy of my promised letter to Mary Lasker concerning her decision to cancel the Lasker Awards for next year. I hope that it may be helpful in a good cause.

It was a pleasure to meet you at the dinner honoring the patrons of the Library of Medicine.

Warmest best wishes,

Sincerely yours,



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

Enclosure

Dr. Edwin C. Whitehead
Whitehead Associates
100 First Stamford Place
P.O. Box 120033
Stamford, Connecticut 06912-0033

THE WHITE HOUSE

WASHINGTON

November 8, 1991

Dear Mrs. Lasker:

At a recent meeting Edwin Whitehead pointed out to me that you had decided to cancel the world famous Lasker Awards for next year. While I realize that, of course, this is entirely your decision to make, I wonder if I might be permitted to make a brief comment concerning it.

The Lasker Awards, as a consequence of your very wise choice of recipients over the years, has become recognized as one of the foremost recognitions of outstanding work in medical science and something to which the very best scientists aspire. As such, it has had a very real catalytic effect in promoting excellence in American science in the entire area of life science.

To have the Lasker Award disappear from the scene at this particular time in our national history when the opportunities for progress and the challenges have never been greater, would, I think, send a message of discouragement to a great, great many outstanding young people who, if not overtly, then in the back of their minds, have the feeling that if they really worked very hard and very creatively they too might some day merit the honor and the distinction that goes with the Lasker Award.

If I may then take the liberty of asking you to at least reconsider your decision, I could assure you that were you to decide to reinstitute the Lasker Awards in this coming year, you would have the continuing thanks of a grateful Nation.

With warmest best wishes,

Sincerely yours,



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

Mrs. Mary Lasker
870 United Nations Plaza
Apartment 24D
New York, New York 10017

"Document Control"

TYPE: INFORMATION DOCUMENT NUMBER: 9124579
ORIGINATOR: 02 STATUS C DIRECTORATE STATUS

FROM: WHITEHEAD, Edwin C.: WHITEHEAD ASSOCIATES

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/24/91

SUBJECT: A THANK YOU NOTE FOR DR. BROMLEY'S OFFER TO WRITE
MARY LASKER REGARDING HER DECISION TO CANCEL THE
LASKER AWARDS FOR NEXT YEAR.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 10/29/91 DEPT RECEIVED:
FILE: P-DAB-AWARDS
CENTRAL FILES:

Whitehead Associates

RECEIVED

OCT 29 AIO: 56

OFFICE OF THE
DIRECTOR

4579
100 First Stamford Place
P. O. Box 120033
Stamford, Connecticut 06912-0033
Telephone 203-977-0200
Facsimile 203-977-0259

October 24, 1991

Allan Bromley, Ph.D.
Assistant to the President
Science and Technology
Old Executive Office Building
17th and Pennsylvania Avenue, N.W.
Washington, DC 20500

Dear Dr. Bromley:

It was kind of you to offer to write to Mary Lasker concerning her decision to cancel the Lasker Awards for next year.

Notice of this fact was made by Jordan Gutterman, who is running the Lasker Foundation, in the form of a letter to the Board.

I am sure a word from you will have a strong influence to perhaps make her change her mind.

Sincerely,



Edwin C. Whitehead

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
07. Letter	To: Denys Wilkinson From: Allan Bromley Re: Response to 9/25 letter [personal information redacted] (1 pp.)	12/3/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
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Date Closed:	2/4/2010	OA/ID Number:	62001-004
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(b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE
WASHINGTON

December 3, 1991

Dear Denys:

I was very good of you to send me the viewgraphs from your presentation to the IUPAP General Assembly concerning the Transfermium Committee actions from a committee which you chaired with very real distinction.

Wapstra has just sent me a copy of the preprint of the paper entitled **Discovery of the Transfermium Elements** (Report of the Transfermium Working Group of IUPAC and IUPAP) by R. C. Barber et al, as well as the document **Discovery of a New Chemical Element to Be Recognized** -- the brief document prepared by Wapstra for reference publication. Wapstra has also prepared a bibliography on transfermium nuclides that will be extremely useful.

I really must congratulate you on the skill with which you carried out this extremely difficult and demanding assignment. You have managed to settle the questions at issue without raising anything like the flap that I feared would be inevitable, and from everything that I have heard, all of the laboratories involved are reasonably happy with the results. This is a monumental achievement.

I very much regret that I was unable to attend the meetings of the Executive Council of IUPAP and the General Assembly in Dresden, but as you know now, during the Executive Council meetings Pat was extremely ill and at the time of the Dresden Council meeting I was simply unable to get away from Washington.

(b)(6)

Erich Vogt stopped by to see me recently and remains extremely optimistic about the future of KAON. It appears that the new Provincial government is quite prepared to maintain the commitment of the former one, and despite violent objection from Bill Winegard, the Canadian Minister for Science and Technology, I am convinced that the Federal contribution is also in hand. No one but Erich could have pulled this off and I am optimistic that KAON will, in fact, be realized. This will make it unnecessary for us to build anything of comparable characteristics at Los Alamos, which under the current budgetary conditions, is a blessing. And I am convinced that the time is long past when Canada should have a world class facility of this kind in any case.

I hope that all goes well for you and Mary, and that our paths will cross in the not too distant future. In the meantime, let me wish you every happiness, success and satisfaction in the upcoming New Year.

With all best wishes,

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'D. Allan Bromley', with a stylized flourish extending to the right.

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

Professor Sir Denys Wilkinson
The University of Sussex
Brighton BN1 9QH
England

CANADA'S NATIONAL MESON FACILITY

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TRIUMF

UNDER A CONTRIBUTION FROM THE
NATIONAL RESEARCH COUNCIL OF CANADA

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4004 WESBROOK MALL
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25 September 1991

Dear Al.

I thought that you might like word of the outcome of that hot seat that you fingered me for 6 years ago...

I presented the Trautenberg Working Group's final report to the Executive Council in Lisbon last Friday (thereby missing the KARM celebrations here so you have that to answer for as well).

The work, you may recall, was divided into two phases, the first of which was published some months ago (enclosed). The second, meaty, phase runs to more than 50 pages and is now being put into final form. It should be ready in a few weeks and I will ask Saldert Wapstra to send you a copy as soon as it is ready. In

the meantime I enclose copies of the transparencies that I used for my presentation in Lisbon which contain all the essentials. Good will be got to the major laboratories shortly and I will also ask Saldest to let you know when this will be, until which time the information is private.

Of course, nobody will be satisfied but that is in the nature of the beast. At least the working of the Group was remarkably harmonious and we were fully agreed on the outcome.

As you may imagine, TRIUMF is deep in euphoria; it is nice that your very considerable personal role and influence are widely recognized; you can feel a real share as Ench is making sure everybody understands.

Kind wishes

Derys