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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files

OA/ID Number: 62015
Folder ID Number: 62015-005

Folder Title:
Invitations: Meeting [3 of 3] [1991]

Stack:

Row:

Section:

Shelf:

Position:

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"CORRESPONDENCE TRACKING"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9121291

FROM: SCHOEMAKER, Hubert J.P.: CENTOCOR

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 04/30/91

SUBJECT: REQUEST TO MEET AND DISCUSS AN INITIATIVE
ESTABLISHED BY THE TECHNOLOGY COUNCIL; A
PENNSYLVANIA INSTITUTE OF BIOTECHNOLOGY.

ASSIGNED TO: D. Allan Bromley

MS
Assign to DA Henderson
for action
cc: to DAB
B Phillips

ACTION REQUIRED: AS APPROPRIATE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO:

LIFE SCIENCES

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS: He will call next week to see if a meeting can be arranged.

DATE RECEIVED: 05/01/91

p- invitation
FILE: MEETING REQUEST

"CORRESPONDENCE TRACKING"

TYPE: For Your Information

DOCUMENT NUMBER: 9121291

FROM: SCHOEMAKER, Hubert; Centocor, Malvern, PA

TO: DAB

DATE OF
CORRESPONDENCE: 04/30/91

SUBJECT: Request for Meeting to discuss Initiative Established
by Technology Council of Philadelphia.

ASSIGNED TO: D.A. Henderson

ACTION REQUIRED: OK?

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 05/02/91

COPIES TO: Rachel Levinson

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 05/01/91
DATE RECEIVED DLS: 05/02/91

FILE: MEETING REQUEST



April 30, 1991

D. Allan Bromley, Ph.D.
Science Advisor to the President
Office of Science and Technology Policy
Old Executive Office Building
Room 358
17th Street & Pennsylvania Ave. N.W.
Washington, D.C. 20506

9121291
RECEIVED

91 MAY 1 A10:57

OFFICE OF THE
DIRECTOR

Dear Dr. Bromley:

I have followed with great interest the efforts of the Council on Competitiveness to develop programs for strengthening this country's technological and competitive leadership position. Among my roles outside of Centocor is that of Chairman of the Technology Council of Greater Philadelphia, which is similarly dedicated to helping Philadelphia business compete more effectively in the international marketplace.

Among the initiatives being established by the Technology Council is a Pennsylvania Institute of Biotechnology, a market-sensitive, industry-driven research institution designed to solve important issues in biopharmaceutical product development. This institution will parallel the Japanese model for pre-competitive research programs such as the Protein Engineering Research Institute. It will attract a critical mass of top-rated scientists to focus on specific areas which today pose the greatest challenge and opportunity to companies developing the next generation of human therapies.

I have enclosed for your information an early draft proposal for the Institute. I believe you will find that it addresses many of the Key Findings of the Council on Competitiveness in its *Gaining New Ground* report. The Institute has been well-received by key members of the health care industry, and we are now securing seed funding from several private and public sources.

I would like an opportunity to discuss this initiative with you at greater length, and will call next week to determine if a meeting can be arranged. I look forward to speaking with you again.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'H. P. Schoemaker', with a large, stylized flourish at the end.

Hubert J. P. Schoemaker
Chairman of the Board and
Chief Executive Officer

HJPS:vif
Enclosure

"CORRESPONDENCE TRACKING"

TYPE: INVITATION/MEETING

DOCUMENT NUMBER: 9121196

FROM: KHOURY, Bernard V.: UNITED STATES PHYSICS TEAM

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 04/17/91

SUBJECT: REQUEST TO HAVE THE TEAM VISIT DR. BROMLEY WHILE
HERE IN WASHINGTON, POSSIBLY FRIDAY, JUNE 7, 1991,
DURING THE MORNING.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

05/06/91

DATE COMPLETED:

COPIES TO: INTERNATIONAL/POLICY

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

*5/1/91 Requested to Cynthia Reed!
(DAB w/be in woods Hode!) min*

DATE RECEIVED: 04/22/91

FILE: P- INVITE-MEETING ~~REQUEST~~



United States Physics Team

for the International Physics Olympiad

American Association of Physics Teachers, 5112 Berwyn Road, College Park, MD 20740-4100

9121194
91 APR 22 P 1:49

April 17, 1991
OFFICE OF THE DIRECTOR

The Honorable Allen Bromley
Assistant to the President for
Science and Technology
Old Executive Office Building, Suite 358
17th & Pennsylvania Avenue
Washington, D.C. 20506

Dear Dr. Bromley:

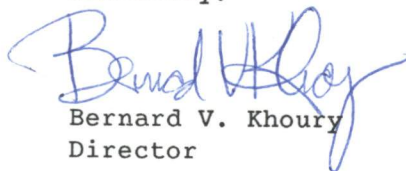
Once again, the United States science and business community will sponsor the U.S. Physics Team for the XXII International Physics Olympiad to be held in Cuba in July. From June 1 - 9, 1991, the 20 member Team will be in training at the University of Maryland-College Park. I would like very much to have these extraordinary young people visit with you. Past visits have been one of the highlights of the Team's trip to Washington, D.C. A suggested date would be Friday, June 7, 1991 during the morning.

The purpose of the International Physics Olympiad is to encourage and reward the excellence of secondary school students. Last year's competition drew teams from 32 nations and gave top physics students from around the world a chance to meet, visit and compete.

For the past five years the United States has entered a team in the International Physics Olympiad with very gratifying results. The first year of competition, 1986, the U.S. Team garnered a bronze medal and two honorable mentions, which was quite an achievement for a first year entrant. In 1990, the U.S. Team received its first gold medal. We are certainly pleased with the past achievements, and anticipate future successes.

We look forward to your favorable response.

Sincerely,


Bernard V. Khoury
Director

Sponsors & Contributors to the U.S. Physics Olympiad Team

SPONSORS: American Association of Physics Teachers, American Institute of Physics, The American Physical Society, American Vacuum Society, AT&T Bell Laboratories, Hewlett-Packard, IBM, Office of Naval Research, Optical Society of America, Xerox Corporation

CONTRIBUTORS: Acoustical Society of America, Addison-Wesley Publishing Company, Inc., Allyn & Bacon, Inc., American Association of Physicists in Medicine, American Association for the Advancement of Science, American Astronomical Society, American Geophysical Union, Bellcore, B P Research, COMSAT Corporation, Ford Motor Company, GTE Laboratories, Inc., International Society of Optical Engineers, Janis Research Company, Inc., William J. Lehrfeld, McGraw-Hill, Inc., National Science Teachers Association, Phillips Petroleum Company, The Society of Rheology, Prentice-Hall, Inc., Saunders College Publishing, University of Maryland, W.W. Norton & Co., Westinghouse Foundation, John Wiley & Sons, Inc., Worth Publishers, Inc.

DIRECTOR: Dr. Bernard V. Khoury **ACADEMIC DIRECTORS:** Dr. Arthur Eisenkraft and Dr. Larry Kirkpatrick

June 11

"CORRESPONDENCE TRACKING"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9121152

FROM: SKOVHOLT, Glen J.: HONEYWELL

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 04/18/91

SUBJECT: REQUEST FOR AN APPOINTMENT FOR DR. JAMES J. RENIER
TO MEET WITH DR. BROMLEY TO DISCUSS HONEYWELL'S
VIEWS ON ISSUES RELATED TO TECHNOLOGY POLICY.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: AS APPROPRIATE

SENDER'S DUE DATE: OSTP DUE DATE: 05/01/91

DATE COMPLETED:

COPIES TO: Dr. Phillips
Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON: HELEN REYNOLDS

REMARKS:

6/11/91 - DAB met w/ them!

MR

p-initiation

DATE RECEIVED: 04/18/91

FILE: MEETING REQUEST

Glen J. Skovholt
Acting Director
Federal Affairs
Corporate Public Affairs

Honeywell Inc.
1100 Connecticut Avenue
Washington, DC 20036
202 872-0495
202 223-5782 Fax

RECEIVED

91 APR 18 P 1:10

FACSIMILE

OFFICE OF THE
DIRECTOR

April 18, 1991

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

Dear Dr. Bromley:

We would like to request an appointment for Dr. James J. Renier, Honeywell's Chairman and Chief Executive Officer, to meet with you on June 11th or June 12th. On June 11th Dr. Renier has time available from 10:15 - 1:00 and on June 12th from 10:00 - 12:00. At this meeting he would like to share with you Honeywell's views on a number of issues related to U.S. technology policy and industrial competitiveness, including promotion and protection of the U.S. critical technologies base, and international collaborative research and development efforts.

Please call Helen Reynolds in our Washington office at 872-0495 if you are available to meet with Dr. Renier on either June 11 or 12.

Sincerely,



/hr

H O N E Y W E L L
Federal Affairs Office
1100 Connecticut Av. N.W., Suite 710
Washington D.C. 20036

912115Z

FACSIMILE TRANSMISSION

DATE: 4-17-91

TO: Dr. A. Bromley

FAX NUMBER: 395-3261

FROM: Helen Reynolds

NUMBER OF PAGES: 2
(including cover)

IF YOU DID NOT RECEIVE ALL PAGES, CALL 202/872-0495
OUR FAX NUMBER: 202/223-5782

MESSAGE:

RECEIVED

91 APR 17 P5:07

OFFICE OF THE
DIRECTOR

"CORRESPONDENCE TRACKING"

TYPE: REQUEST FOR A MEETING

DOCUMENT NUMBER: 9120683

FROM: FULLER, Craig L. and Kathleen Shanahan: HILL & KNOWLTON

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 03/08/91

SUBJECT: MEETING REQUEST FOR CORETECH TASK FORCE TO ADDRESS
THE SHORTAGE OF Ph.D. SCIENTISTS AND ENGINEERS.

ASSIGNED TO: Thomas Ratchford

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE: 03/22/91

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

4/23/91 - DAB + WP met with the
group!
m'n

DATE RECEIVED: 03/08/91

FILE: P. ^{invite-} EDUCATION*MEETING REQUEST

Hill and Knowlton, Inc.
Washington Harbour
901 31st Street, N.W.
Washington, D.C. 20007-3838
202-333-7400
Telecopy 202-333-1638
Telex 440143 HKDC

March 8, 1991

91 MAR 8 P 3:20

OFFICE OF THE
DIRECTOR

MEMORANDUM FOR: DR. ALLAN BROMLEY
ASSISTANT TO THE PRESIDENT FOR SCIENCE
AND TECHNOLOGY

FROM: CRAIG L. FULLER *CF*
KATHLEEN SHANAHAN *KS*

SUBJECT: Meeting request for CORETECH task force

Our client CORETECH has been concerned for some time that the United States is facing a serious shortage of Ph.D. scientists and engineers. To address this shortage, CORETECH has recently begun an initiative to increase the number of professionals in these fields so essential to America's future scientific and technological development.

CORETECH believes that upgrading our research and development capabilities through more Federal-university linkage is one avenue by which to regain our leadership in the advance sciences.

With this in mind, CORETECH has advanced a two-part strategy to preempt this shortage:

- Strengthening pre-doctoral fellowship programs and establishing trainee programs within the R&D budgets of each major federal agency.
- Mandating a graduate education and training component be made an essential part of large, federally-funded technology and science projects.

We would therefore like to request you and your appropriate staff meet with some representatives of the CORETECH Science and Technology Task Force sometime next week.

Our office will be in touch to follow up. Thank you in advance for your time and consideration.

1991 SCIENTIFIC AND TECHNICAL WORKFORCE PROGRAM PROPOSAL

The U.S. is facing a serious shortage of Ph.D. scientists and engineers in fields essential to our scientific and technological development, our ability to compete successfully in the international marketplace and our future national security. Under current trends, a sharply increased demand will outstrip Ph.D. production within the decade. We propose that CORETECH lead a focused effort to close the Ph.D. gap by advocating increased investment in federally-funded predoctoral science and engineering traineeships and fellowships. This could be accomplished, with sensitivity to fiscal constraints, by pursuing a two-part strategy:

1. Strengthening predoctoral fellowship programs and establishing traineeship programs within the R&D budgets of each major federal agency (DOD, NSF, DOE, NASA, NIH and USDA). No new authorizations are required.
2. Mandating that a graduate education and training component be made an essential part of each large technology or science project funded by the federal government.

Last December, the CORETECH Board of Directors endorsed these two strategies in principle and asked the Science and Technology Task Force to develop them further. We propose that each agency with a research mission should increase -- or initiate if necessary -- its doctoral education program.

The Task Force also has concluded that the mega projects can and should make a significant contribution to doctoral education in science and engineering. Those agencies that are funding mega programs should establish substantial predoctoral graduate programs within those projects in the fields which contribute to them. Large scale projects, such as the Space Station, the Superconducting Supercollider, the human genome project, and the Mission to Planet Earth, will rely heavily on advanced technical human resources and therefore should shoulder their fair share of the cost of training the scientific and engineering work force.

The two themes -- increasing base programs within the mission agencies and requiring an education component in mega programs -- could be pursued by CORETECH on an agency by agency basis as follows:

1. **DOD** -- Last year, at the initiative of Rep. John Murtha, Chairman of the House Appropriations Subcommittee on Defense, Congress added \$50 million to the FY 1991 DOD Appropriations bill to enhance the production of scientists and engineers through DOD research programs. CORETECH should seek to make that program permanent and ensure that it includes a strong predoctoral traineeship program, primarily in engineering, the physical sciences and computer sciences, funded, in its first year, at a minimum of \$30 million. CORETECH should also urge sustained support for the Department's predoctoral graduate fellowship program.

2. **NASA** -- CORETECH should ask Congress to require NASA to allocate from within its Development budget, not its research budget, an additional \$100 million to predoctoral graduate programs. The Space Station project and the Earth Observing System each should bear a substantial share of the total cost. The Advisory Committee on the future of the U.S. Space Program has recommended that NASA redesign the space station and improve coordination with other agencies on R&D for the Mission to Planet Earth project. CORETECH should take this opportunity to ensure that the revised program plans for these projects include substantial commitments to predoctoral fellowship and traineeship programs in the sciences and engineering.

3. **NSF** -- The FY92 NSF budget will reportedly include a further strengthening of the NSF predoctoral fellowship program. However, a \$25 million graduate traineeship program proposed by the National Science Board, by NSF and by the OSTP Federal Coordinating Committee on Science, Engineering and Technology is being delayed for at least a year. CORETECH should urge Congress to: (1) include the \$25 million training grant program within the appropriation for Education and Human Resource Programs; (2) support the further strengthening of the NSF graduate fellowship programs, including those designed to enhance opportunities for women and minorities; and (3) provide the full budgeted amount for NSF research programs, through which most NSF-funded graduate students are supported as research assistants on NSF research projects.

4. **DOE** -- Congress should require DOE to increase its predoctoral education and training expenditures by \$100 million. This increase could be achieved by requiring DOE to include substantial graduate fellowship and traineeship components within its mega projects, such as the SSC and the human genome project, and strengthen and broaden its existing, but small and highly targeted, graduate fellowship programs.

5. **NIH** -- The recent report on federal support for biomedical research by the Institute of Medicine calls for strengthening the NIH doctoral training programs. CORETECH should support an increase in NIH training programs from their current level of \$190 million to \$240 million in FY92.

6. **USDA** -- The U.S. Department of Agriculture has a significant research effort which complements the research mission of NIH, especially in biotechnology-related fields. CORETECH should urge Congress to substantially increase its existing predoctoral training program to approximately \$35 million -- a level equivalent to about 15% of the CORETECH proposal for the NIH training budget (USDA's research budget is approximately 15% of NIH's).

Together, these six proposals would increase federal spending on graduate education in the sciences and engineering by a total of \$360 million, enough to fund more than 3000 additional four-year traineeships or fellowships annually. Based on preliminary discussions with Administration officials, these proposals are consistent with agencies' own intentions and proposals to strengthen their predoctoral education programs.

SCIENCE AND ENGINEERING PHDS: REDUCING THE PROJECTED SHORTFALL

The U.S. faces a serious shortage of Ph.D. scientists and engineers in fields essential to our scientific and technological development, our ability to compete successfully in the international marketplace and our future national security.

In FY 1990, the U.S. invested \$150 billion in research and development (R&D). R&D is critical to industrial growth, national security, advancements in health care, and the application of new knowledge in virtually every facet of our society. The U.S. R&D effort could not occur without doctoral education. Doctoral programs educate the scientists and engineers needed by industry, government, and universities. In addition, doctoral students conduct a large portion of university research, enriching it with new ideas. To a far greater extent than in other countries, graduate students are major contributors to the creativity and productivity of U.S. academic research, the source of more than 50% of the nation's basic research. This depth of graduate student involvement makes the U.S. research establishment unique.

The market for doctoral education reaches well beyond the university. In 1985 an estimated 43% of all Ph.D.s employed in this country were working outside of higher education. The demand for doctorate recipients in nonacademic sectors is continuing to grow. In 1987, 70% of engineering Ph.D.s and 65% of physical sciences Ph.D.s had employment commitments in nonacademic sectors, including over 50% in industry.

Changing supply and demand trends are threatening our university-based system of research and advanced education. First, beginning in the mid-1990s, increased undergraduate enrollments will produce a need for new faculty in our universities. At the same time, there will be a sharp rise in the number of faculty retiring as one-third of our present faculty, hired during the academic boom of the 1960s, reaches retirement age.

In addition, major science projects, such as the superconducting supercollider, the human genome initiative and the space station, are increasing the demand for science and engineering Ph.D.s in government and universities. Moreover, U.S. industry is hiring increasing numbers of science, mathematics, and engineering graduates in order to remain technologically competitive. The employment rate for scientists and engineers is increasing faster than total U.S. employment: the annual demand for Ph.D. scientists and engineers in the nonacademic sector is expected to increase from 3,600 to 7,400 over the next decade.

The elevated faculty demand, combined with the growing demand for doctorate recipients in nonacademic markets, will increase sharply the national need for Ph.D.s. With the exception of a recent slight upturn, the number of U.S. citizens receiving doctorates has declined for over a decade. Our capacity to sustain a reversal in that decline is severely constrained by our inability to attract larger numbers of non-Asian minorities and women into doctoral programs. Under current trends, the nation could suffer an annual shortage of 9,600 natural science and engineering Ph.D.s between 1995 and 2010. Between 1997 and 2002, current trends will produce only eight candidates for every ten faculty openings across all arts and sciences fields. Faculty shortages have already appeared in engineering, business, and other high-demand fields. These shortages will affect industry, government, and colleges and universities, all of which depend on doctoral education.

Foreign students will reduce the shortfall, accounting for more than half of new Ph.D.s in engineering and nearly one-third of Ph.D.s in the physical sciences. On average, the U.S. retains about half of those foreign-born Ph.D. recipients who come to the U.S. on temporary student visas and most of the doctorates earned by holders of permanent resident visas. However, as opportunities in graduates' home countries improve, these retention rates could drop quickly.

Market forces will help to correct the shortages, but they work slowly, and are unlikely by themselves to produce the optimal solution. It takes an average of seven years to obtain a doctorate degree. To meet the increasing demands for Ph.D.s in the future, we need students entering graduate school now.

Though demand for Ph.D. scientists and engineers has increased in virtually every sector of society, financial support for science, math and engineering students has decreased. The number of federally-funded fellowships and traineeships fell from 60,000 in 1970 to less than 13,000 in 1986. At the same time, research assistantships grew from 20,000 to 37,000, but this did not offset the significant decrease in fellowships and traineeships. The collapse in graduate grant programs relates directly to the reduced numbers of U.S. citizens receiving doctorates. We continue to lack incentives to attract highly talented U.S. students into critical fields in sufficient numbers to meet the nation's needs.

REDUCING THE SHORTFALL: A PROGRAM TO INCREASE SUPPORT FOR GRADUATE STUDENTS IN SCIENCE AND ENGINEERING

Universities have begun to make improvements in institutional policies and practices to produce increased retention rates and reduced completion times for students in their doctoral programs. CORETECH proposes a further effort to reduce the Ph.D. gap by increasing the nation's investment in federally-funded predoctoral science and engineering traineeships and fellowships. This can be accomplished, within fiscal constraints, by pursuing a two-part strategy:

- Strengthening existing or establishing new predoctoral fellowship and traineeship programs within the Development budgets of each major federal agency -- DOD, NSF, DOE, NASA, NIH and USDA.
- Requiring that each large technology or science project funded by the federal government include a graduate education and training component. The large science projects rely upon many of our best science and engineering graduates. These projects can, and should, make a contribution to training the staff they need.

This effort directly complements the Administration's Education and Human Resources initiative for FY92, which CORETECH supports. Our proposal will not create a massive infusion of new graduate students but will instead provide for a sustained increase of approximately 3000 new fellowships and traineeships each year -- enough for a significant increase in the human resources we need to perform the nation's research in the future.

4/23

HILL AND KNOWLTON

Hill and Knowlton, Inc.
Washington Harbour
901 31st Street, N.W.
Washington, D.C. 20007-3838
202-333-7400
Telecopy 202-333-1638
Telex 440143 HKDC

April 19, 1991

MEMORANDUM FOR: MARIAN NIDA
DR. BROMLEY'S OFFICE

FROM: KATHERINE BURTON

SUBJECT: Coretech meeting confirmation

The attendees for the meeting on Tuesday, April 23rd at 4 pm,
with Dr. Bromley, will include:

Craig L. Fuller - President Hill and Knowlton

DOB: 2/16/51
SS#: 549-78-4803

Roland Schimitt - Chairman of Coretech

DOB: 7/24/23
SS#: 455-14-7543

Bob Ritchie - Hewlett Packard Representative

DOB: 9/21/35
SS#: 539-30-0646

Ken Kay - Executive Director of Coretech

DOB: 11/16/51
SS#: 117-36-4650

"INVITATION FOR DR. BROMLEY"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9120406

SPEECH: YES NO

FROM: LUSZCZ, CAROL (SCIENCE SERVICE)

DATE OF EVENT: 03/01/91

LOCATION OF EVENT:

TIME OF EVENT:

SUBJECT: REQUEST TO MEET WITH THE THREE WESTINGHOUSE SCIENCE
TALENT SEARCH FINALISTS.

See below in this file

RSVP:

CONTACT PERSON: CAROL LUSZCZ

CONTACT NUMBER: 785-3749

INVITATION ACCEPTED?

yes ~~YES~~ ~~NO~~

COPIES TO: D. Allan Bromley
Damar Hawkins

REMARKS:

DATE OF LETTER: 02/13/91

DATE RECEIVED: 02/14/91

FILE: ~~SCIENCE AWARDS~~

invitation meeting request

9120406

SCIENCE SERVICE

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

SCIENCE
YOUTH PROGRAMScience Talent Search
International Science and
Engineering Fair
SSTP Directory

FEB 14 1991

February 13, 1991

Sent via fax*Dan*
Marian:

Thank you in advance for your help in trying to arrange a time for three of this year's Westinghouse Science Talent Search finalists to meet with Dr. Bromley.

I have attached their appointment request forms and a brief biography of each finalist. They are all U.S. citizens. Please let me know if additional information is needed. If Dr. Bromley is interested, I would also be happy to forward over their project reports.

It would be best if their visit could be scheduled for Friday morning, March 1. They are available all morning, but need to be back at the Washington Hilton for judging no later than 1:00 p.m. Another possibility is Monday, March 4, but the timing is trickier.

Again, thanks for your help. I look forward to hearing from you.

Sincerely,

Carol Luszcz
Director of Youth Programs

CL:me

Direct # 785-3749

Cameron Rea Haight

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

Dr. D.A. Bromley, Science Advisor to the President

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

As funds are now becoming critically short in many areas of science, and as this trend is expected to continue for the near future, science policy and its administration fascinates me. I would like to meet with a scientist who shapes these policy decisions, and discuss the issues behind the politics of science and what the future promises for research. Dr. D.A. Bromley is perhaps the most influential man in current policy decisions. Meeting with him would give me an opportunity to gain insights on current directions in science and science policy from both the national and international perspectives. If it is not possible to arrange a meeting with Dr. Bromley, I would greatly appreciate a meeting with one of his staff.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date

1/28

Signed

Cameron Rea Haight

Linda Tae-Ryung Kang

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

D. Allan Bromley - President's Science Advisor

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

I would like to discuss whether or not more funds will be put into non-petroleum fuel production resources, now that we are engaged in a war with Iraq. I would also like to talk about surface physics and the physical aspects of my project.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date

2/24/91

Signed

Linda Tae-Ryung Kang

Michael John Lopez

Bromley

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

I would like to see a member of the Presidential Science Advisory Council, of which Alan Bromley is the head.

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

I would like to talk about the Superconducting Super Collider and other such large-scale projects going on in the United States. I would like to know how such massive projects materialize in spite of the bureaucracy and national debt today.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date 1-28-91

Signed

Michael J. Lopez

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01a. Biography	Biography of Cameron Rea Haight [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed:	2/22/2010	OA/ID Number:	62015-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01b. Biography	Biography of Linda Tae-Ryung Kang [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed:	2/22/2010	OA/ID Number:	62015-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
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Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01c. Biography	Biography of Michael John Lopez [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed:	2/22/2010	OA/ID Number:	62015-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

SCIENCE SERVICE

1719 N Street, N.W., Washington, D.C. 20036

Date _____

Time _____

Initials MC

MAIN TELEPHONE NO.: (202) 785-2255

FAX NO.: (202) 785-2527

FACSIMILE TRANSMITTAL COVER SHEETSENT TO: Marian NidaFAX NO. SENT TO: (202) 395-3261

COMPANY/DEPT.: _____

COMPANY PHONE NO. OR EXTENSION: (_____) 456-7116FROM: Carol Luszcz, Director of Youth Programs (Direct Dial: 202/785-3749)DATE: 2/13/91NO. OF PAGES (INCLUDING THIS PAGE): 8

REMARKS:

If you have any problems with receipt of this FAX, please contact Kent Rice or Paul Roger at (202) 785-2255.

"CORRESPONDENCE TRACKING"

TYPE: P- Invitation-Meeting

DOCUMENT NUMBER: 9120599

FROM: HOUSTON, Betsy: Siegel-Houston & Associates

TO: Bromley

DATE OF
CORRESPONDENCE: 02/25/91

SUBJECT: Request to meet with Dr. Boris Paton, Director of
the Paton Electric Welding Institute of Kiev

ASSIGNED TO: William D. Phillips

ACTION REQUIRED: Meet with Paton in lieu of DAB

SENDER'S DUE DATE: OSTP DUE DATE: 03/06/91

DATE COMPLETED: 03/14/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:

REMARKS: Paton met with OSTP on 3/14/91 (Ratchford, Lindstrom, and
O'Neil).



February 25, 1991

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
FAX: 395-3261

Dear Dr. Bromley:

Dr. Boris Paton, Director of the Paton Electric Welding Institute of Kiev, will be in Washington on March 14, 1991, and would very much appreciate an opportunity to return your visit of last year during your time in the Soviet Union.

Dr. Paton is touring the United States under the auspices of the American Welding Society, which I represent here in Washington. March 14 will be the last day of his visit, and he specifically requested that we arrange time with you if your schedule permits.

As you know, the Paton Institute is one of the showcases of Soviet science, and is the recognized world leader in welding in space. The Institute is cosponsoring with the American Welding Society the First International Conference on Welding in Space and Construction of Space Vehicles by Welding, September 24-26, 1991, here in Washington. Participants in the conference will be drawn from scientific and professional organizations in the U.S., the Soviet Union, Japan, Germany, France and Canada.

Dr. Paton arrives in Washington at 10:00AM on March 14. Ideally, we would be able to set up an appointment with you, Bill Phillips, Tom Ratchford and Gene Wong for 11:30AM or later that day. Senator McCain is hosting a reception for Dr. Paton at 6:00PM that evening, and we hope you also will be able to attend that event.

As the Washington Representative for the American Welding Society in Washington, I am coordinating Dr. Paton's visit here. I hope to hear from you at your earliest convenience, and look forward to seeing you on March 14.

Sincerely,

Betsy Houston

Betsy Houston
Executive Vice President
Washington Representative, American Welding Society

*Ask Bill Phillips
to see him
only.*

GOVERNMENT RELATIONS • PUBLIC RELATIONS • ASSOCIATION MANAGEMENT
1707 L Street, N.W. • Washington, D.C. 20036 • Telephone (202) 296-2606

RECEIVED

91 MAR 4 P 3:17
SIEGEL-HOUSTON
& ASSOCIATES, INC.OFFICE OF THE
DIRECTORTO Marian NidaFAX # 395-3261FROM Betsy Houston

MESSAGE:

Demar Hawkins suggested I FAX you this message and the enclosed letter asking for an appointment with Dr. Bromley and his associates on March 14 with Dr. Boris Paton of the Soviet Union. I am requesting this appointment on behalf of the American Welding Society. Bill Phillips and Tom Ratchford are well aware of my activities in the materials community through the Federation of Materials Societies and the American Institute of Chemical Engineers.

I hope you will be able to schedule Dr. Paton and his party for an appointment with Dr. Bromley. I will call you later this week. In the meantime, please don't hesitate to call me on the AWS direct line at (202) 833-4787. My FAX is (202) 833-3014.

NUMBER OF PAGES IN THIS TRANSMISSION, INCLUDING COVER PAGE 2

If there is a problem with this transmission, please call (202) 296-2606.

Siegel-Houston FAX (202) 833-3014

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120527

FROM: BEIT, Hugo H.: YALE SCIENCE & ENGINEERING ASSOCIATION INC.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/22/91

SUBJECT: COPY OF THE MEETING NOTICE FOR APRIL 10, 1991 AND A
REQUEST TO NOTIFY THEM IF THERE ARE ANY OTHER
SPECIAL GUESTS YOU WOULD LIKE TO INVITE.

① Martin
(calendar)
② DAB
③ Amy

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: ONLY IF THERE ARE
ADDITIONAL GUESTS

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO:

WHITE HOUSE TRACKING #:

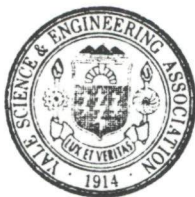
CONTACT PERSON: MS. SARAH SKUBAS

REMARKS:

DATE RECEIVED: 02/26/91

FILE: P- INVITATION ^{meeting} FOLLOW-UP

YALE SCIENCE & ENGINEERING ASSOCIATION INC.



RECEIVED

91 FEB 26 AIO: 07

22 February 1991

OFFICE OF THE
DIRECTOR

Prof. D. Allan Bromley, '61MAH
Assistant to the President
Office of Science & Technology
The White House
Washington DC 20500

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. Beit '53E
Secretary

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

COMMITTEE CHAIRS:

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Schools

Anna Marie Lyles '83
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
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George Gagliardi '79BS
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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
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William H. Oler II '45E

ASSOCIATION OF YALE

ALUMNI REPRESENTATIVE

George Gagliardi '79

David Goldfarb '77, '81MD

Joan K. Alexander, '84

Dear Prof. Bromley:

The Y.S.E.A shall expect you at our Annual Dinner and Meeting on Wednesday, 10 April 1991 in the President's Room of Woolsey Hall, Grove & College Streets, New Haven Conn. Please let me know if you will be accompanied by your spouse. In addition, are there any other special guests that you would like us to invite, in addition to Arthur Ross.

The cocktails will commence at 6:00 p.m. and dinner at 6:45 p.m. We hope to start the meeting at 8:00 p.m. The formal part of the evening should end by 9:30 p.m.

Please contact me, or Ms. Sarah Skubas, Assistant to the Chairman of the Council of Engineering, for any special requests, 203-432-4220. I am enclosing a copy of the meeting notice for your files.

Sincerely yours,

Hugo H. Beit '53E
Secretary

HB:ew

My Ref:YS09ANDAPG19

cc: Lasewicz, Oler, Cornell

PLEASE REPLY TO:

HUGO H. BEIT '53E, SECRETARY

YALE SCIENCE & ENGINEERING ASSOCIATION INC.

19 EAST 72nd STREET

NEW YORK, NY 10021-4145

212-472-2777



YALE SCIENCE & ENGINEERING ASSOCIATION INC.

ANNUAL DINNER AND MEETING

DATE: WEDNESDAY, 10 April 1991

PLACE: President's Room, Woolsey Hall
College & Grove Streets
New Haven, Conn.

SCHEDULE: 6:00 p.m. Cocktails
6:45 p.m. Dinner
8:00 p.m. Business Meeting, Awards & Talk

Comments by: **Prof. D. Allan Bromley '61MAH**
Assistant to the President of the United States
for Science & Technology.
Recipient of the YSEA Award for Advancement of
Basic and Applied Science

Frederick P. Rose '44E
Recipient of the YSEA Award for Meritorious Service to
Yale University

Spouses and Friends invited
Reservations necessary by 12 March 1991
Late reservations accepted by phone 203-432-4220
subject to capacity of room
Late reservations subject to \$10.00/person surcharge
Dinner Reservation — Tear off stub and mail with your check to:

YALE SCIENCE & ENGINEERING
ASSOCIATION INC.
c/o Council of Engineering
P.O. Box 1968
New Haven, CT 06520-1968

- Yale Faculty & their spouses \$25.00
- Yale Students
Y.S.E.A. Membership Application or
Membership card + Student Meal Contract
Number
- Y.S.E.A. Members, Guests & Friends \$35.00

Cocktails
&
Dinner
Per Person

Students Meal Contract No. _____

I enclose \$ GUEST for _____ places at the 1991 Annual Dinner and Meeting

Name PROF ALLAN BROMLEY Class or Dept. _____ Tel No. _____

Name or number of Guests _____

Address _____ Zip _____

THE WHITE HOUSE

WASHINGTON

March 26, 1991

Dear Hugo:

I shall be at the President's Room in Woolsey Hall at 6:00 p.m. for cocktails as you indicate in your note of February 22 and am looking forward to the evening and to the award.

Unhappily, my wife died last October 2nd and so I will be traveling to New Haven alone. You asked if there are any other special guests whom I would like you to invite and I would suggest Mr. and Mrs. Charles Bockelman, Mr. and Mrs. Peter Parker, and Mr. and Mrs. Michael Zeller -- all members of the Yale Physics Department who are very old friends. From the engineering side of the house, I might suggest Mr. and Mrs. Gary Heller, Mr. and Mrs. Robert Wheeler, and Mr. and Mrs. Victor Henrick, who are again, old friends.

With all best wishes,

Sincerely yours,



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

Mr. Hugo H. Beit
Secretary
Yale Science and Engineering Association, Inc.
19 East 72nd Street
New York, New York 10021-4145

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120527

FROM: BEIT, Hugo H.: YALE SCIENCE & ENGINEERING ASSOCIATION INC.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/22/91

SUBJECT: COPY OF THE MEETING NOTICE FOR APRIL 10, 1991 AND A
REQUEST TO NOTIFY THEM IF THERE ARE ANY OTHER
SPECIAL GUESTS YOU WOULD LIKE TO INVITE.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: ONLY IF THERE ARE
ADDITIONAL GUESTS

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON: MS. SARAH SKUBAS

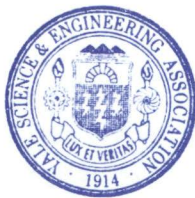
REMARKS:

DATE RECEIVED: 02/26/91

FILE: INVITATION FOLLOW-UP

9/20527

YALE SCIENCE & ENGINEERING ASSOCIATION INC.



RECEIVED

91 FEB 26 AIO: 07

Yale in
SCIENCE
ENGINEERING
INDUSTRY AND
COMMERCE

22 February 1991

OFFICE OF THE
DIRECTOR

10 HILLHOUSE AVENUE
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NEW HAVEN, CT. 06520-1968

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Executive Vice President

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Prof. D. Allan Bromley, '61MAH
Assistant to the President
Office of Science & Technology
The White House
Washington DC 20500

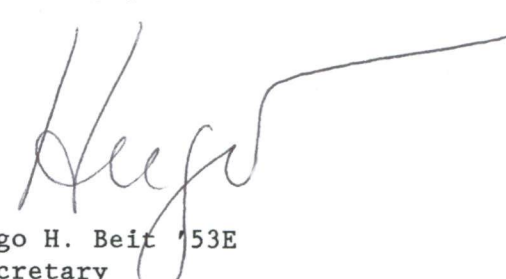
Dear Prof. Bromley:

The Y.S.E.A shall expect you at our Annual Dinner and Meeting on Wednesday, 10 April 1991 in the President's Room of Woolsey Hall, Grove & College Streets, New Haven Conn. Please let me know if you will be accompanied by your spouse. In addition, are there any other special guests that you would like us to invite, in addition to Arthur Ross.

The cocktails will commence at 6:00 p.m. and dinner at 6:45 p.m. We hope to start the meeting at 8:00 p.m. The formal part of the evening should end by 9:30 p.m.

Please contact me, or Ms. Sarah Skubas, Assistant to the Chairman of the Council of Engineering, for any special requests, 203-432-4220. I am enclosing a copy of the meeting notice for your files.

Sincerely yours,


Hugo H. Beit '53E
Secretary

HB:ew

My Ref:YS09ANDAPG19

cc: Lasewicz, Oler, Cornell

PLEASE REPLY TO:

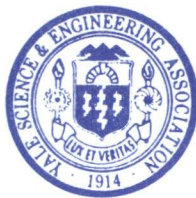
HUGO H. BEIT '53E, SECRETARY

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19 EAST 72nd STREET

NEW YORK, NY 10021-4145

212-472-2777



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ANNUAL DINNER AND MEETING

DATE: WEDNESDAY, 10 April 1991

PLACE: President's Room, Woolsey Hall
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SCHEDULE: 6:00 p.m. Cocktails
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Comments by: **Prof. D. Allan Bromley '61MAH**
Assistant to the President of the United States
for Science & Technology.
Recipient of the YSEA Award for Advancement of
Basic and Applied Science

Frederick P. Rose '44E
Recipient of the YSEA Award for Meritorious Service to
Yale University

Spouses and Friends invited
Reservations necessary by 12 March 1991
Late reservations accepted by phone 203-432-4220
subject to capacity of room
Late reservations subject to \$10.00/person surcharge
Dinner Reservation — Tear off stub and mail with your check to:

YALE SCIENCE & ENGINEERING
ASSOCIATION INC.
c/o Council of Engineering
P.O. Box 1968
New Haven, CT 06520-1968

- Yale Faculty & their spouses \$25.00
- Yale Students
Y.S.E.A. Membership Application or
Membership card + Student Meal Contract
Number
- Y.S.E.A. Members, Guests & Friends \$35.00

Cocktails
&
Dinner
Per Person

Students Meal Contract No. _____

I enclose \$ GUEST for _____ places at the 1991 Annual Dinner and Meeting

Name PROF ALLAN BROMLEY Class or Dept. _____ Tel No. _____

Name or number of Guests _____

Address _____ Zip _____

"CORRESPONDENCE TRACKING"

TYPE: REQUEST FOR MEETING DOCUMENT NUMBER: 9120501

FROM: THOMSON, James A.: THE RAND CORPORATION

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/20/91

SUBJECT: REQUEST TO DISCUSS THE RAND CORPORATION AND PLANS
FOR A FEDERALLY FUNDED RESEARCH AND DEVELOPMENT
CENTER--THE CRITICAL TECHNOLOGIES INSTITUTE.

ASSIGNED TO: Dr. Phillips

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE: OSTP DUE DATE:

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON: SHARON MARROW

REMARKS:

*Dr. Phillips w/ meet w/ him.
I will call secy. to arrange meeting.
pf. 2/26/91*

*Invitation
meeting**

DATE RECEIVED: 02/22/91

FILE: P-INDUSTRY-CRITICAL TECH

9120501

THE **RAND** CORPORATION
RECEIVED

91 FEB 22 P 4: 44

James A. Thomson

President and
Chief Executive Officer

OFFICE OF THE
DIRECTOR

February 20, 1991

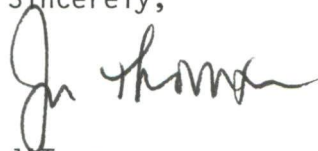
Dr. D. Allan Bromley
Science Advisor to the President & Director
Science & Technology Policy
Old Executive Office Building
Washington DC 20506

Dear Dr. Bromley

During my next Washington trip, I would like to stop by and discuss two subjects with you. First, I would like to give you a brief overview of RAND and describe how our ongoing research agenda could be helpful to your office. Second, I would like to discuss plans for a federally funded research and development center (FFRDC)--the Critical Technologies Institute. It is possible that our experience here at RAND could provide you with some helpful background.

I will have my secretary Sharon Morrow contact your office in the near future to arrange a mutually convenient time.

Sincerely,



JAT:sm

FAXed
to you
earlier.

"CORRESPONDENCE TRACKING"

TYPE: REQUEST FOR A MEETING

DOCUMENT NUMBER: 9120478

FROM: BROWN, David S.J.: MONSANTO

TO: DR. BROMLEY

*Call
Elaine
Lucas*

DATE OF
CORRESPONDENCE: 02/19/91

SUBJECT: REQUEST FOR A MEETING ON THE MORNING OF 02/27 OR
THAT AFTERNOON BETWEEN 3:00PM AND 4:30PM WITH
RICHARD J. MAHONEY.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: RSVP

No

SENDER'S DUE DATE: OSTP DUE DATE: 02/22/91

DATE COMPLETED: -----

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

*2/26/91 - Regretted to Joanne Blisson!
h n*

DATE RECEIVED: 02/21/91

FILE: ~~MEETING REQUEST~~

P- Invitation ~~Sp~~ Meeting

9120478

Monsanto

DAVID S. J. BROWN
Vice President, Government Affairs

91 FEB 21 P 5:04
Monsanto Company
Suite 1100

700 14th Street, N.W.
Washington, D.C. 20005

OFFICE OF THE
DIRECTOR

February 19, 1991

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

Dear Dr. Bromley:

I would like to request a meeting on the morning of February 27 or the afternoon between 3:00 p.m. and 4:30 p.m. with Monsanto's Chairman and Chief Executive Officer, Richard J. Mahoney. Accompanying Mr. Mahoney would be Dr. Virginia Weldon and me.

Dick Mahoney will be in town that day to attend some meetings and would like to have the opportunity of talking with you about Monsanto's scientific directions and the need for regulatory policy that will enhance the commercialization of the fruits of our science.

I hope that your schedule will permit a short visit for him.

Sincerely,

David
David S. J. Brown

"INVITATION FOR DR. BROMLEY"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9120406

SPEECH: YES NO

FROM: LUSZCZ, CAROL (SCIENCE SERVICE)

DATE OF EVENT: 03/01/91

LOCATION OF EVENT:

See below in this file

TIME OF EVENT:

SUBJECT: REQUEST TO MEET WITH THE THREE WESTINGHOUSE SCIENCE
TALENT SEARCH FINALISTS.

RSVP:

CONTACT PERSON: CAROL LUSZCZ

CONTACT NUMBER: 785-3749

INVITATION ACCEPTED?

yes ~~no~~ *no*

COPIES TO: D. Allan Bromley
Damar Hawkins

REMARKS:

DATE OF LETTER: 02/13/91

DATE RECEIVED: 02/14/91

FILE: ~~SCIENCE AWARDS~~

P. invite - meeting
meeting request
(invitation speech)

9120406

SCIENCE SERVICE

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

SCIENCE
YOUTH PROGRAMScience Talent Search
International Science and
Engineering Fair
SSTP Directory

FEB 14 1991

February 13, 1991

Sent via fax*Sam*
Marian:

Thank you in advance for your help in trying to arrange a time for three of this year's Westinghouse Science Talent Search finalists to meet with Dr. Bromley.

I have attached their appointment request forms and a brief biography of each finalist. They are all U.S. citizens. Please let me know if additional information is needed. If Dr. Bromley is interested, I would also be happy to forward over their project reports.

It would be best if their visit could be scheduled for Friday morning, March 1. They are available all morning, but need to be back at the Washington Hilton for judging no later than 1:00 p.m. Another possibility is Monday, March 4, but the timing is trickier.

Again, thanks for your help. I look forward to hearing from you.

Sincerely,

*Carol*Carol Luszc
Director of Youth Programs

CL:me

Direct # 785-3749

Cameron Rea Haight

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

Dr. D.A. Bromley, Science Advisor to the President

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

As funds are now becoming critically short in many areas of science, and as this trend is expected to continue for the near future, science policy and its administration fascinates me. I would like to meet with a scientist who shapes these policy decisions, and discuss the issues behind the politics of science and what the future promises for research. Dr. D.A. Bromley is perhaps the most influential man in current policy decisions. Meeting with him would give me an opportunity to gain insights on current directions in science and science policy from both the national and international perspectives. If it is not possible to arrange a meeting with Dr. Bromley, I would greatly appreciate a meeting with one of his staff.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date

1/28

Signed

Cameron Rea Haight

Linda Tae-Ryung Kang

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

D. Allan Bromley - President's Science Advisor

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

I would like to discuss whether or not more funds will be put into non-petroleum fuel production resources, now that we are engaged in a war with Iraq. I would also like to talk about surface physics and the physical aspects of my project.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date

2/24/91

Signed

Linda Tae-Ryung Kang

Michael John Lopez

Bromley

Fill in and return immediately to SCIENCE SERVICE
1719 N Street, N.W., Washington, DC 20036

IT IS IMPORTANT THAT YOU RETURN THIS FORM PROMPTLY SO THAT THE BEST POSSIBLE
APPOINTMENT CAN BE ARRANGED FOR YOU.

STS-50
USE OF PRIME TIME

If the Science Talent Institute schedule permits, I would like to see (if possible, mention names, positions, organizations, addresses, and phone numbers). -- If you do not know a specific individual, do not worry. Please specify an organization, if possible, and then be as specific as you can in the section below.

I would like to see a member of the Presidential Science Advisory Council, of which Alan Bromley is the head.

Describe below what you want to do or see and the particular problem, field, or area you wish to discuss. Please be as specific as possible so that we can best match up your interests with the individual with whom you will meet.

I would like to talk about the Superconducting Super Collider and other such large-scale projects going on in the United States. I would like to know how such massive projects materialize in spite of the bureaucracy and national debt today.

The above information will be transmitted to the person or persons you wish to see so they can arrange maximum use of your time during your visit.

Date 1-28-91

Signed

Michael J Lopez

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02a. Biography	Biography of Cameron Rea Haight [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed: 2/22/2010	OA/ID Number: 62015-005
FOIA/SYS Case #: 2005-0336-F	Appeal Case #:
Re-review Case #:	Appeal Disposition:
P-2/P-5 Review Case #:	Disposition Date:
AR Case #:	MR Case #:
AR Disposition:	MR Disposition:
AR Disposition Date:	MR Disposition Date:

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02b. Biography	Biography of Linda Tae-Ryung Kang [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed:	2/22/2010	OA/ID Number:	62015-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

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

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02c. Biography	Biography of Michael John Lopez [personal information redacted] (1 pp.)	2/13/91	(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: Invitations: Meeting [3 of 3] [1991]

Date Closed:	2/22/2010	OA/ID Number:	62015-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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

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

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

PRM. Removed as a personal record misfile.

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

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
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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

SCIENCE SERVICE

1719 N Street, N.W., Washington, D.C. 20036

Date

Time

Initials MLC

MAIN TELEPHONE NO.: (202) 785-2255

FAX NO.: (202) 785-2527

FACSIMILE TRANSMITTAL COVER SHEETSENT TO: Marian NidaFAX NO. SENT TO: (202) 395-3261

COMPANY/DEPT.: _____

COMPANY PHONE NO. OR EXTENSION: (_____) 456-7116FROM: Carol Luszcz, Director of Youth Programs (Direct Dial: 202/785-3749)DATE: 2/13/91NO. OF PAGES (INCLUDING THIS PAGE): 8

REMARKS:

If you have any problems with receipt of this FAX, please contact Kent Rice or Paul Roger at (202) 785-2255.

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120411

FROM: SADAGOPAN, V./R.J. REYNIK/M. FLEMINGS

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/12/91

SUBJECT: MEETING FOR NSF/PYI IN MATERIALS SCIENCE AND
ENGINEERING PLANNED FOR APRIL 23-25. AGENDA
ENCLOSED.

*cc to Phillips
Perry Lundstrom*

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: 02/14/91

FILE: INVITATION FOLLOW-UP

Mtg.

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120411

FROM: SADAGOPAN, V./R.J. REYNIK/M. FLEMINGS

TO: DR. BROMLEY

① Store
② Manan
③ DAB
Give to

DATE OF
CORRESPONDENCE: 02/12/91

SUBJECT: MEETING FOR NSF/PYI IN MATERIALS SCIENCE AND
ENGINEERING PLANNED FOR APRIL 23-25. AGENDA
ENCLOSED.

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley
Dr. Phillips
Perry Lindstrom

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

Bill Phillips informed Dr. Sadagopan that DAB had to cancel!
mrs

DATE RECEIVED: 02/14/91

FILE: P-INVITATION ~~FOR~~

- Meeting

9120411

NSF — Industry — University Symposium

National Agenda and Priorities in Material Science and Engineering

April 23 - 25, 1991

Sponsored by
International Business Machines Corporation and The National Science Foundation

February 12, 1991

Honorable Dr. D. A. Bromley
Assistant to The President
Office of Science and Technology
Old Executive Building, Room 358
17th Street and Pennsylvania Avenue, NW
Washington, DC 20506

Dear Dr. Bromley:

I am delighted to learn from Dr. Praveen Chaudhari that you have accepted our invitation to address the forthcoming meeting for NSF/PYIs in Material Science and Engineering (MSE) planned for April 23-25 at the IBM Thomas J. Watson Research Center. The agenda for this meeting is enclosed.

Your Plenary Session presentation is scheduled at 9:30 a.m. for an hour including ten minutes for Question and Answers. Dr. James C. McGroddy, IBM Vice-President and Director of Research will be the Chairman of the Plenary Sessions. The other speakers in the plenary Sessions are Dr. Walter Massey and Dr. Jack Kuehler, President of IBM. Their presentations will come after yours. We have set aside 9:00 to 9:30 a.m. for General Exchange of Information between yourself, Dr. Massey and Dr. J.C. McGroddy in his office.

We invited Congressman George Brown, Jr. to give the After Dinner Address on the evening of April 23. His schedule, however, does not permit his participation. We are inquiring about other possible candidates of national stature at this time.

We anticipate approximately one hundred and fifty attendants at this meeting including NSF/PYIs, Leaders in MSE from Industrial Labs, Government Agencies/Labs and selected universities.

On April 24, we plan to have five Parallel Sessions on priority areas in MSE; April 25 has been reserved for visits by NSF/PYIs to the Labs of their peers at IBM and Technical Exchanges of Information.

We hope that the planned NSF/PYI meeting would serve as a timely forum for bringing together the NSF/PYIs and the community of MSE leaders from industry and government labs and agencies active in this field to advance the national goals of the MSE community.

We look forward to your participation. We hope that you could arrive during the evening of April 22 and stay for the whole day of April 23, including the banquet for that evening.

Yours Sincerely,



Dr. V. Sadagopan
IBM Research Division
Symposium National Chairman



Dr. R. J. Reznick
Material Science and
Engineering Directorate, NSF
National Co-Chairman



Professor M. Flemings
Chairman, Material Science
and Engineering, MIT
National Co-Chairman

VS/rml

Enclosure

cc: Dr. P. Chaudhari
Dr. J.C. McGroddy

NSF — Industry — University Symposium

National Agenda and Priorities in Material Science and Engineering

April 23 - 25, 1991

IBM Thomas J. Watson Research Center, Yorktown Heights, New York 10598

Tentative Agenda

Monday - April 22

Hudson River Inn & Conference Center, Ossining, NY

15:00 - 17:00 Participants arrival and hotel registration

18:30 Welcome Reception and Buffet Dinner

Tuesday - April 23

IBM Thomas J. Watson Research Center, Yorktown Heights, NY
Auditorium

9:30 Welcome and Introductory Remarks

Dr. James C. McGroddy
Chairman, Plenary Sessions
IBM Vice President and Director of Research

Plenary Sessions

9:35 National Program for Material Science and Engineering

Honorable Allan Bromley
Science Advisor to The President

10:35 Coffee Break

11:00 NSF and Material Science and Engineering Programs

Dr. Walter E. Massey
Vice President for Research
University of Chicago and ANL
Director-Designate, NSF

12:00 Lunch

13:00 Research and Development in a Multinational Corporation

Dr. Jack Kuehler
President, IBM

14:00 Coffee Break

Technical Sessions

Dr. Praveen Chaudhari
*Chairman of Technical Sessions and
Co-Chairman of National Committee on
Materials Science and Engineering
IBM Research*

14:30 Electronic and Photonic Materials

Dr. Dean E. Eastman
*Vice President, System Technologies
and Science, IBM Research*

15:00 Storage Materials

Dr. Juri Matisoo
*Vice President for Storage
and Director of Almaden Research Center
IBM Research*

15:30 Structural Materials

Mr. Bert Welliver
*Senior Vice President,
Engineering and Technology,
Boeing Corporation*

16:00 Coffee Break

16:15 Materials Engineering at the Atomic Level

Dr. Robert L. Melcher
*Director, Physical Science
IBM Research*

16:45 Biomaterials

Professor Lee Huntsman
*Chairman, Dept. of Bioengineering
University of Washington, Seattle*

17:15 Concluding Remarks

Dr. Praveen Chaudhari

17:30 Adjourn

Tappan Hill Restaurant, Tarrytown, New York

18:00 Reception

18:30 Dinner

20:00 After Dinner Address

Speaker to be Announced

Wednesday - April 24

Edith Macy Conference Center, Briarcliff, New York

9:00 Introductory Remarks

Dr. V. Sadagopan
*National Chairman,
NSF-University-Industry Symposium
IBM Research*

9:15 **Parallel Sessions**

1. Superconducting Materials and Devices

Chairman: Open

2. Semiconductors and Photonic Materials

Chairman: Dr. Leo Esaki
*Nobel Laureate
IBM Research*

3. Biomaterials

Chairman: Dr. Lee Huntsman

4. Storage Materials

Chairman: Dr. David Lambeth
*Asst. Dir., Center for
Magnetic Recording Research
Carnegie Mellon University*

5. Structural Materials

Chairman: Dr. Merton Flemings
*Chairman, Material Science and Engineering
Massachusetts Institute of Technology
and Co-Chairman of National Committee on
Materials Science and Engineering*

12:30 Lunch

14:00 **Parallel Sessions (continued)**

16:45 Summary of Highlights of the Individual Parallel Sessions — Chairmen's Reports

18:00 Adjourn

Thursday - April 25

IBM Thomas J. Watson Research Center, Yorktown Heights, NY

9:00-12:00 Individual Visits of NSF-PYIs with their Peers

12:15 Lunch at Cafeteria

15:00 Adjourn and conclusion of meeting

"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120401

SPEECH: YES NO

FROM: BURKLEY, THAD THOMAS

DATE OF EVENT:

LOCATION OF EVENT:

TIME OF EVENT:

SUBJECT: INVITATION TO ADDRESS A GROUP OF STUDENTS DURING THE
WASHINGTON WORKSHOPS 1991 CONGRESSIONAL SEMINARS.

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

COPIES TO:

REMARKS:

DATE OF LETTER:

02/11/91

DATE RECEIVED:

02/14/91

FILE: P- INVITATION-SPEECH meeting

3/6/91
Sponsor:

Washington Workshops Foundation

Subject:

Audience:

Students at congressional workshop

Date:

Anytime in May-June

Location:

Washington, D.C.

Contact:

Thad Thomas Burkley

YES

NO

Document Originally
Attached to
Following Page

9120401



RECEIVED

The Washington Workshops Foundation

3222 N STREET N.W., SUITE 340

WASHINGTON, D.C. 20007

(202) 965-3434 • (800) 368-5688

91 FEB 14 10:07

OFFICE OF THE
DIRECTOR
February 11, 1991

Dr. D. Allan Bromley
Asst. to the President for
Science and Technology
OEOB, Room 358
17th St. & Pennsylvania Ave., N.W.
Washington, D.C. 20506

Dear Dr. Bromley:

The Washington Workshops Congressional Seminar, now in its 23rd year, provides the nation's finest young people with a forum to meet leaders at the highest level of the Federal Government--those who in large part are responsible for shaping our future.

In these difficult and uncertain times it is more essential than ever that the youth of our country have the opportunity to talk with government leaders, and express their goals and aspirations for our nation. To this end, I would like to invite you to address a group of these students on an informal basis during our 1991 Congressional Seminars.

Our staff will be happy to work with your appointments secretary in planning any details that are appropriate. For your convenience, our seminar sessions are as follows: March 2-8, March 16-22, April 6-12, April 20-26, April 27-May 3, June 15-21 and June 22-28.

Surely, many of our current government leaders can point to a moment in their early lives when through the words of another, they found the inspiration to serve our nation. I believe this is in part why President Bush has supported our efforts for the last nine years as a member of our National Advisory Council. I hope you will look upon this as a unique opportunity to communicate your ideas and inspire these future leaders.

Many thanks for considering this invitation. Our best wishes to you for continued success in service to our country.

Sincerely,

Thad Thomas Burkley
Director
Congressional Seminar

THE WHITE HOUSE
WASHINGTON

March 11, 1991

Dear Mr. Burkley:

Thank you for your letter of February 11, 1991, inviting me to address a group of students at one of your Congressional Seminars this year. 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. One of my staff members will contact you in the very near future to set a date on my calendar that would be mutually agreeable for both of us.

I look forward to joining you.

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. Thad Thomas Burkley
Director
Congressional Seminar
The Washington Workshops Foundation
3222 N Street, Northwest, Suite 340
Washington, D.C. 20007

Washington Workshops Foundation

High School Student Seminars

1991

The Congressional Seminar

In the Nation's Capital

In Cooperation With Georgetown University

The Wall Street Seminar

New York City

In Cooperation With New York University's Stern School of Business

The Diplomacy and Global Affairs Seminar

Washington, D.C.

*In Cooperation With The Elliott School of International Affairs
at The George Washington University*



OUR 24th YEAR

THE WHITE HOUSE

WASHINGTON

Dear Washington Workshops Students:

As a President deeply committed to the education of America's young people, I am especially pleased to offer you my warmest greetings as you gather for the Washington Workshops Foundation Seminars.

This exciting experience will challenge your mind and your imagination as you hear firsthand from our legislative leaders, business and industry professionals, and specialists in the area of international affairs.

Your efforts to learn more about the issues and events that make today's headlines are very important to the future of our country. You are the workers, parents, and leaders of tomorrow. If you are to make informed decisions as voters, if you are to teach your own children about the meaning of freedom and democracy, it is imperative that you understand and appreciate the complex world in which we live.

I commend you for participating in a program designed to enhance your knowledge of government, business, and international affairs. As you will soon discover, the rewards of this unique learning opportunity are great indeed.

Barbara joins me in sending best wishes for a most informative and enjoyable program. God bless you, and God bless America.

Sincerely,

George Bush

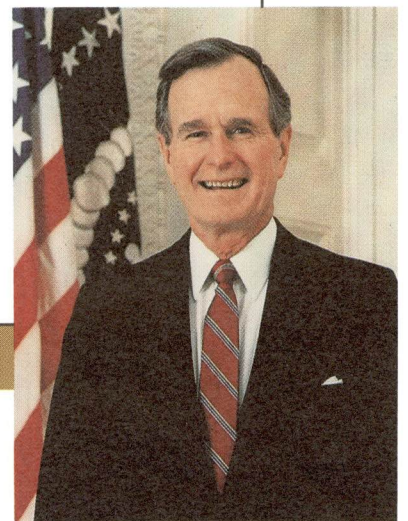
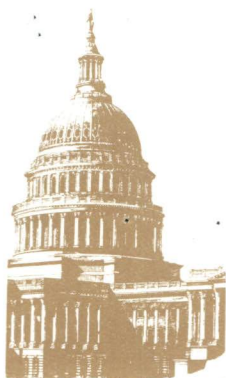
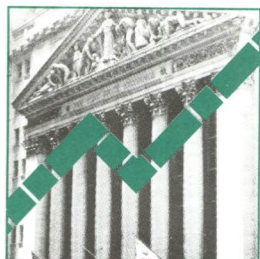


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The award-winning Washington Workshops Foundation, founded in 1967, provides timely and informative on-site seminar programs for students at all levels of education. Parents, students and teachers alike have long acclaimed the leadership of Washington Workshops in bringing to life the lessons of American government, financial, business and international affairs, and global environment studies.

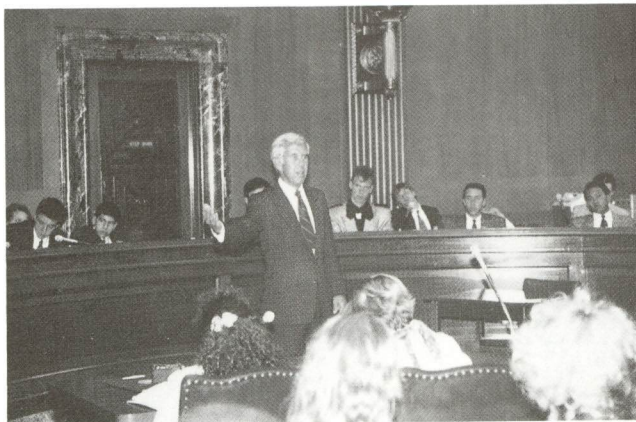
Washington Workshops seminars seek to increase citizenship participation and student knowledge of contemporary events through informative dialogue sessions with recognized leaders from the government and private sector, and to foster a greater understanding among student participants with the exchange of ideas and cultures. To constantly seek out new information, to become involved and to find new answers are the timeless missions of youth and the goals of the Washington Workshops Foundation.

Washington Workshops seminars are unlike any others in the field. A campus setting with university housing is used for most seminar sessions, giving students an excellent feel for their college years ahead. Also, each seminar enrolls an average of only 100 students. This gives participants a much better opportunity for questioning seminar speakers and overall program participation—certainly a different perspective from other Washington programs enrolling hundreds of students per session. Washington Workshops programs, while always an enjoyable and memorable experience, are primarily an academic experience, with learning and excellence stressed throughout the one-week seminars.

Through the years, many thousands of young Americans have participated in Washington Workshops programs. Whatever a student's career objective—political science, law, journalism, the arts, medicine, finance—the Seminars offer a unique overview of the personalities and issues of America and our world environment.

The National Association of Secondary School Principals has placed seminars of the Washington Workshops Foundation on the Advisory List of National Contests and Activities for 1990–1991. The Foundation is also recognized by the National Association of Independent Schools, the National Council for the Social Studies, and the Smithsonian Institution's Office of Elementary and Secondary Education. Washington Workshops is the proud multiple recipient of the Americanism Award of the Fredoms Foundation of Valley Forge for “. . . outstanding achievement in bringing about a better understanding of the American way of life.”

The Congressional Seminar



Senator Richard Lugar (R-IN), ranking minority member of the Senate Foreign Relations Committee, addresses Workshops students.



Senator David Boren (D-OK), Chairman of the Select Committee on Intelligence with a Workshops group.



Senator John Heinz (R-PA) meets two Workshops constituents.

T

he Congressional seminar is the nationally acclaimed citizenship education program for secondary school students presented from January through June each year in Washington D.C.

Now celebrating its 24th successful year, the Washington Workshops Congressional Seminar offers a fully supervised, professionally administered, university-based program of insight and instruction into American national government, and in particular, the concerns and activities of the United States Congress.

From the seminar's constant exchange of questions and answers, students have an opportunity to personally express to government leaders and opinion makers their concerns and feelings about America, and, in turn, receive answers reflecting the highest level of public policy. From this exchange, both groups share an increased understanding, and, in a broader sense, seminar students learn from each other as new and lasting friendships are made in an atmosphere of mutual interest and exciting events.

While surveys show young Americans to be increasingly cynical and indifferent to public affairs, this is certainly not the case with Congressional Seminar participants. In session after session, seminar students show ready interest and enthusiasm for the debates and deliberations of our elected representatives. The national legislation under discussion each seminar session will fashion the policies and philosophies of future years—a time when teenage Americans will assume their voting rights, and go on to adulthood and positions of leadership in a complex and dynamic America of the 21st Century.

Democracy and a free America depend absolutely on the informed participation of its citizenry. And while democracy conveys rights and personal freedoms to all, along with those rights come responsibilities—to be informed, to question our elected representatives, to get angry if necessary, and demand more accountability at every level of government. These are the dynamics of citizenship education, and in turn provide the focus for the Washington Workshops Congressional Seminars.



Spirited exchange at a Congressional meeting.

The Seminar Experience

■ **THE CONGRESS**—An important part of each week is devoted to scheduled discussion meetings with Senators, Congressmen and Congressional aides, normally held in Congressional committee rooms on Capitol Hill. Time is available throughout the week to attend House and Senate sessions and Congressional committee meetings. Hot topics for all 1991 sessions will include turmoil in the Persian Gulf, the budget deficit, the savings and loan bailout fiasco, and the accountability of our elected representatives. This is *your* chance to tell members of Congress just how you feel about the issues shaping your future and your world!

■ **EXECUTIVE AND JUDICIARY**—To better understand the relationship of Congress to the rest of government, weekly sessions are scheduled with high ranking officials from various departments and agencies, such as White House staff, Pentagon officials, and Judiciary personnel.

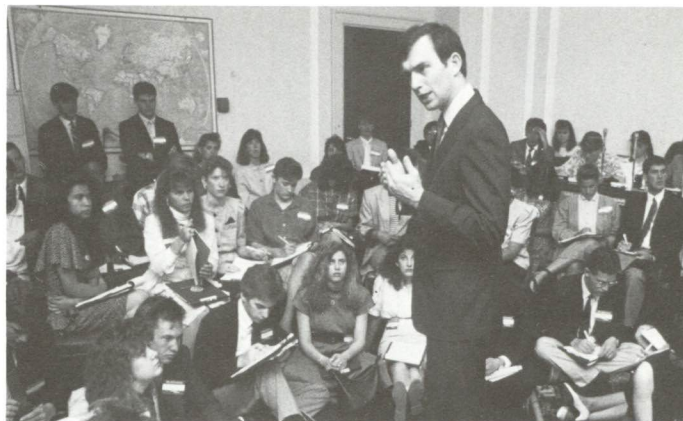
■ **MODEL CONGRESS**—The Model Congress offers an opportunity to learn by role-playing the difficult task of developing national policy and writing laws. Each evening, students divide into several committees to discuss and draft legislation. On the final evening, completed legislation is reported and debated and voted upon in a special session held in a Congressional committee room on Capitol Hill. The resolutions, as adopted, are then engraved and printed in the Congressional Record.

■ **INTERNATIONAL**—Each session brings an Ambassador to campus for an evening talk. These meetings provide added perspective into America's role in the global community. Also, during sessions visiting Heads of State often make official visits to Washington and Workshops students are invited to attend the impressive welcoming ceremonies on the White House South Lawn.

■ **ACADEMIC OVERVIEW**—To provide an in-depth look at current domestic and international issues before Congress, the seminar hosts a series of special lectures by faculty members from Georgetown University and other area schools.

■ **CAREER ORIENTATION**—Admissions counselors from Washington area colleges and universities are available throughout the week to speak with students about college choices and career objectives.

■ **INDIVIDUAL INITIATIVE**—With no formal class assignments, any line of legitimate interest and student debate is in order. The professional seminar staff maintains an objective and nonpartisan contact that will never stifle reasoned and mature student inquiry. The Congressional Seminar, while fashioned by a competent and dedicated organization, remains in final analysis what the students make of it. To best sum up the spirit of this week in Washington, "Become Involved! Make a Difference!"



A Congressional meeting with seminar students.



U.S. Commerce Secretary Robert A. Mosbacher shows Workshops students his impressive office.



Supreme Court Justice Sandra Day O'Connor attends a seminar session.



Tea at the British Embassy for a Workshops session.

A Campus Environment

As compared with other student programs in our Nation's Capital, the Washington Workshops stands alone in making university campus residence an integral and important aspect of the Workshops experience.

The January and February sessions will use the Georgetown University residence conference center as the home base for the Congressional Seminar. These facilities provide an exceptional environment amidst safe and secure surroundings in residential northwest Washington. The facilities are among the finest available. Double occupancy rooms are provided along with breakfast and dinner each day in the center's dining hall. In addition, the superb facilities of the Georgetown University Medical Center are only minutes away in the event of emergency need.

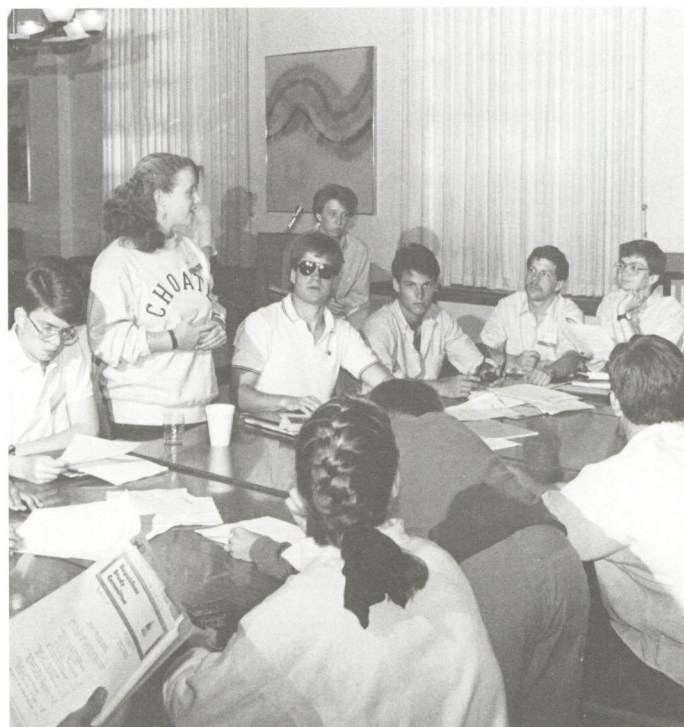
March and April Congressional Seminar sessions will be housed at the Georgetown Marbury House facility, only a short walk from the campus. Double occupancy rooms and three-person suites will be used. Breakfast and dinner each day are provided within the facility.

Starting in May, Congressional Seminar participants live at Marymount University, a short ride across Washington's Potomac River, in Arlington, Virginia. This rustic, all-enclosed campus is located on the former estate of Admiral Presley M. Rixey, Surgeon General to President Theodore Roosevelt. The campus offers a relaxing living environment, complete with a large swimming pool and playing fields. Once again, breakfast and dinner are provided in the campus dining room. Around the clock nursing care and the facilities of nearby Arlington General Hospital are available for any emergency that may arise.

The Washington Workshops is aware that many students will be a good distance away from home, many for the first time. Thus, a number of rules and campus regulations will be in effect to ensure the safest and most responsible program possible, both on campus and throughout the Washington area.



The impressive White House official welcoming ceremony for a visiting Head of State—when scheduled, always on the Workshops itinerary.



A Model Congress committee meeting.



The Model Congress final session meeting on Capitol Hill

A Typical Week **=====** Further Information

This is a schedule of a recent seminar session.

Saturday—
Noon—REGISTRATION—Marymount University, College Hall
6:00 pm—WELCOMING DINNER, Dining Room
7:00 pm—ORIENTATION
Mr. Thad Thomas Burkley—
Vice President, Washington Workshops Foundation

Sunday—
Day—Tour and Shopping in Historic Georgetown. Followed by luncheon at the National Gallery on the Mall. Then visits to Washington Monuments and first visit to Capitol Hill.
Evening—World Wildlife Fund Panel discussion on environmental issues.

Monday—
9:30 am—CONGRESSWOMAN PATRICIA SCHROEDER (D-CO); Armed Services Committee
10:30 am—CONGRESSMAN SID MORRISON (R-WA); Select Committee on Hunger
11:00 am—U.S. SENATOR ROBERT DOLE (R-KS), Senate Minority Leader
1:00 pm—JUDGE THOMAS HODSON—JUDICIAL FELLOW, Supreme Court
2:00 pm—THE HON. MANUEL LUJAN, U.S. Secretary of the Interior
3:45 pm—GENERAL BRENT SCOWCROFT, National Security Adviser to the President, The White House
7:00 pm—MR. KOICHI HARAGUCHI, Counselor, Embassy of Japan; Dining Room on campus.
8:30 pm—DR. JIM LENGLE, Associate Professor, GEORGETOWN UNIVERSITY
9:30 pm—MODEL CONGRESS COMMITTEE MEETINGS

Tuesday—
9:30 am—CONGRESSMAN BRUCE MORRISON (D-CT); Committee on Veterans' Affairs; Select Committee on Narcotics Abuse and Control
10:30 am—VISIT CONGRESSIONAL COMMITTEE MEETINGS
1:30 pm—CONGRESSMAN BOB WISE (D-WV); Committee on Government Operations; Committee on Public Works and Transportation; Select Committee on Aging
2:30 pm—MR. BUD BLAKEY, Chief Counsel to SENATOR PAUL SIMON (D-IL)
3:00 pm—VISIT HOUSE and SENATE GALLERIES
3:30 pm—VISIT THE LIBRARY OF CONGRESS
5:30 pm—REVIEW of DAY'S ACTIVITIES
7:00 pm—PANEL DISCUSSION ON GUN CONTROL
8:00 pm—MODEL CONGRESS COMMITTEE MEETINGS

Wednesday—
9:30 am—CONGRESSMAN BILL ARCHER (R-TX); Committee on Ways and Means; Committee on Joint Taxation
11:30 pm—CONGRESSMAN PETER J. VISCLOSKY (D-IN); Committee on Interior and Insular Affairs
2:15 pm—U.S. SENATOR CHRISTOPHER J. DODD (D-CT); Committee on Banking, Housing and Urban Affairs; Committee on Foreign Relations
3:00 pm—U.S. SENATOR JOHN B. BREAUX (D-LA); Committee on Commerce, Science and Transportation; Committee on Environment and Public Works
7:00 pm—HIS EXCELLENCY COUNT WILHELM WACHTMEISTER, AMBASSADOR OF SWEDEN, DEAN OF THE DIPLOMATIC CORPS; Dining Room
8:30 pm—MODEL CONGRESS COMMITTEE MEETINGS

Thursday—
9:00 am—THE PRESIDENT and MRS. BUSH Welcome HIS EXCELLENCY, the PRIME MINISTER of AUSTRALIA; White House—South Lawn
11:00 am—VISIT THE SMITHSONIAN MUSEUMS
1:15 pm—U.S. SENATOR RICHARD G. LUCAR (R-IN); Committee on Foreign Relations
2:15 pm—U.S. SENATOR JOHN D. ROCKEFELLER IV (D-WV); Committee on Energy and Natural Resources
4:00 pm—VICE ADMIRAL JOSEPH METCALF, Deputy Chief of Naval Operations—Surface Warfare: The Pentagon
7:00 pm—MODEL CONGRESS SESSION—Held on Capitol Hill, in Full Committee Chambers.

Friday—
8:30 am—CHECK-OUT

1991 Seminar Dates

January 19–25	April 20–26
February 23–March 1	June 15–21
March 16–22	June 22–28
April 6–12	

Cost \$695

This seminar cost includes:

- Full tuition
- Six nights, seven days room accommodation with breakfast and dinner each day.
- Charter bus transportation between campus and all meetings and seminar events.
- Materials packet for Model Congress session, held during each seminar.
- Complete counselor supervision, both on and off campus.
- Availability of 24-hour medical care at Arlington or Georgetown Hospitals.
- Use of campus recreation facilities, including gyms and indoor swimming pool.

The seminar cost is fully refundable provided written notice is given to the Workshops office no later than four weeks prior to the start of the scheduled seminar session. There is an additional \$50 application fee which is nonrefundable unless an application is rejected or seminar space is unavailable.

Extra Expenses

All tuition, room and meal charges are included in the total seminar fee, with the exception of five inexpensive lunches in the Congressional cafeterias. Also included are all transportation costs within Washington for scheduled seminar activities. Incidental expenses, such as extra food snacks, cab fare to and from airports, personal shopping and the like, should be considered as separate and extra items. Regarding insurance, regular family insurance policies usually provide full accident and health coverage for students attending programs away from home, such as The Congressional Seminar.



The Wall Street Seminar

In Cooperation With
New York University's Stern School of Business



The Seminar visit to the New York Stock Exchange.

The Wall Street Seminar provides an on-site introduction to the world of business and finance, offered by practitioners and academicians in the field. The give-and-take sessions with successful professionals—bankers, brokers, Fortune 500 executives, university and corporate economists, and business faculty and journalists—will offer students a feel for the range of job options available, some of the personal attributes needed for success in this volatile field, and a more comprehensive understanding as to how the financial and corporate sectors of our economy really work!

All Wall Street Seminar sessions will be conducted on-site, in the center of the national and international business world—Wall Street and New York City. The 1991 seminars will be offered in cooperation with New York University's Stern School of Business, where early morning and evening meetings will be held each day, before leaving for lectures and discussion meetings at the centers of finance on Wall Street and surrounding areas.

As day-to-day sessions unfold, discussions will focus on the increasingly difficult times facing the American economy brought on by glaring budget deficits, federal insurance fund bailouts and the strong emergence of Japan and a unified Europe as major players in the world's financial and industrial markets.

Young Americans have much at stake in understanding our free market system and financial order. What better place to study and learn more about these topics and current issues than on Wall Street in New York City during the summer of 1991!



A New York University-Workshops conference session on the U.S. Trade deficit.



The Wall Street Seminar holds a meeting in the Board Room of the Federal Reserve Bank of New York.

The Seminar Experience — The Week in New York

■ **FINANCIAL MARKETS**—Central to any understanding of the American and world economy is a knowledge of the function and diversity of the stocks and commodities exchanges—the financial markets—and their essential role in corporate and the nation's growth.

■ **THE FEDERAL RESERVE & BANKING**—As “lender of last resort,” The Federal Reserve provides a secure base for our banking system and thus in the final analysis, for the economy itself. In addition to a wide ranging discussion of such monetary tools as interest rates and the money supply, seminar participants will examine current banking practices brought on by the financial services revolution.

■ **INTERNATIONAL TRADE AND FINANCE**—A key theme of all 1991 sessions will be the emerging interdependence of global financial markets. There can be no real understanding of our national economy without an appreciation of the rapidly integrating world economy. The burgeoning challenge of global markets is given full consideration in every aspect of the seminar curriculum.

■ **BUSINESS ETHICS**—Beyond the demonstrated success of our free enterprise system in producing an abundance of goods and services lies an array of ethical issues which must be addressed in order to ensure the continued viability of the system. The theoretical as well as practical aspects of ethics in business will be dealt with from legal and regulatory case studies. Session analysis will include such topics as insider trading, stock fraud and price manipulation.

■ **ADVERTISING**—The importance of advertising and marketing as business tools will be examined and discussed from both the viewpoint of executives and consumers.

■ **CAREER PLANNING**—Throughout the week, seminar participants will be exposed to a variety of careers from discussion with leaders in banking, trade, marketing, and finance thus providing valuable insight as to what the personal attributes, professional requisites, and rewards of differing personal career paths are from those in a position to know.

Each week, the academic and residential base of the Wall Street Seminar is the impressive Washington Square campus of New York University, situated about half-way between Wall Street and mid-town corporate headquarters. It is here that the seminar program begins on Saturday, at a campus lecture hall, with orientation and a briefing on the global economy and financial markets.

On subsequent mornings, after breakfast in the college dining facilities, students will either attend a series of guest lectures by distinguished faculty members from New York University's Stern School of Business, or take chartered buses to the financial district. On-site visits occur at such places as the New York and American Stock Exchanges, the Commodity Exchange, corporate, brokerage, and legal firm offices, and other professional and business sites.

Throughout the week's formal schedule, free time is made available for picture taking and enjoyment of some of the Big Apple's major attractions. Seminar counseling staff and administrative personnel accompany the students during all scheduled activities.

Following dinner each evening in the campus facilities, students assemble for a discussion lecture with a specially invited guest speaker, leaving ample time for questions and answers. Following these evening sessions, students break into teams to discuss case studies in such areas as marketing, mergers, ethics, and other contemporary business issues.

Time is reserved each week for an interesting and enjoyable visit to the World Financial Center and South Street Seaport complex, or to Rockefeller Center and mid-town Manhattan. There, a multitude of shops, historic exhibits, and restaurants abound. Later that afternoon, seminar students may join each other for dinner in a nearby restaurant, and are then off to a seminar scheduled attendance at a Broadway musical, and as always accompanied by seminar staff. Friday morning provides an optional visit to the Statue of Liberty followed by seminar departure.



A corporate presentation at PepsiCo headquarters.



On the trading floor at Bear Stearns, Inc.

A Typical WeekFurther Information

This is a schedule of a recent seminar session.

Saturday—

- 12:00–6:00 pm—REGISTRATION at New York University, Weinstein Center, 5 University Place
- 1:00–5:00 pm—TOURS of New York University and the Washington Square Area will leave from Weinstein Lobby.
- 7:00–8:00 pm—WALL STREET SEMINAR ORIENTATION
- 8:30 pm—WALL STREET FILM FESTIVAL: “Trading Places”

Sunday—

- Morning—Visit to the World Financial Center, including shops, Hudson River esplanade & financial exhibits
- Afternoon—Midtown visit to Rockefeller Center, St. Patrick's Cathedral and Fifth Avenue shops.
- 6:30 pm—TIM VALENTE, J.P. Morgan and Co.; Career Discussion; JEFFREY APPLEGATE, President and CEO, Shearson Lehman Hutton Capital Management, Inc. “Pension Funds Portfolio Investment”
- 8:30 pm—WALL STREET FILM FESTIVAL: “Head Office”

Monday—

- 9:30–Noon—MARK CAMBISIOS, Assistant Vice President, National Sales Training; Kidder, Peabody and Co., Incorporated.
- 1:30 pm—DR. PRISCILLA LaBARBARA, Professor of Marketing, NYU Department of Marketing
- 3:15 pm—PETER ASERITAS, Managing Director, Defense Industry Analyst, First Boston Corporation
- 7:00 pm—DR. PAUL KUSHEL, CPA, Professor of Finance and Accounting, Fordham University
- 9:00 pm—WALL STREET FILM FESTIVAL: “Wall Street”

Tuesday—

- 10:00 am—GWEN VALLELY, Associate Director, Bear Sterns and Co., Incorporated; Main Conference Room, 245 Park Avenue
- 12:45 pm—FEDERAL RESERVE BANK OF NEW YORK, Lecture and Tour, 33 Liberty Street
- NEW YORK STOCK EXCHANGE, Visitor's Center and Gallery, Lecture & Briefing
- 4:00 pm—GENE CHOLLETT, Director, Business Planning, The Equitable Financial Companies
- 7:00 pm—RICHARD PALEY, Esq., Attorney, Goodkind, Labaton and Rudoff
- 8:30 pm—WALL STREET FILM FESTIVAL: “Brewster's Millions”

Wednesday—

- 9:30 am—JOE LASH, Assistant Vice President, Mergers and Acquisitions, Kidder, Peabody and Co., Incorporated.
- 11:00 a.m.—CITICORP HEADQUARTERS “Corporate Marketing and Communications”
- 3:30–4:30 pm—EDWIN L. MISKA, Portfolio Manager, Lieber and Co.
- 6:30–7:30 pm—PAUL FRANK, Esq., Senior Partner, Walter, Conston, Alexander and Green “Financial Ethics”
- 8:30 pm—WALL STREET FILM FEST: “Secret of My Success”

Thursday—

- 9 am—COMMODITY EXCHANGE, Inc., Virginia Cowen, Coordinator; 4 World Trade Center, 8th Floor
- 1:30 pm—H.R. KUCHLER, Vice President and Branch Manager, Swiss Volksbank.
- 3:45 pm—NANCY E. HIGGINS, Second Vice President, Smith Barney, Harris Upham.
- 8:00 pm—JEROME ROBBIN'S BROADWAY, Imperial Theater. The multi-award winning revue, based on exciting excerpts from Robbin's many dance-oriented musicals. **GYPSY**, St. James Theater, Tyne Daly stars as Rose and Crista Moore is Louise, who grows up and becomes Gypsy Rose Lee.

Friday—

- 8:00 am—OPTIONAL TOUR, Statue of Liberty and New York Harbor (nominal fee); will return to NYU at approximately 12:30; people choosing to attend must vacate rooms before departure
- CHECK-OUT for departure

1991 Dates

June 15–21

July 6–12

August 3–9

Cost \$795

This seminar cost includes:

- Full tuition
- Six nights, seven days double room accommodation with breakfast and dinner Monday thru Friday at New York University residence complex.
- Charter bus transportation each day between the university campus, Wall Street, and other seminar locations in Manhattan
- Complete counselor supervision, 24-hour dormitory security and around-the-clock medical care available.
- Thursday evening attendance at a Broadway musical.
- For earlier applicants a three month subscription to the Wall Street Journal in advance of seminar attendance. Also a new book from the Dow Jones Company on financial markets and investment strategy.

The seminar cost is fully refundable provided written notice is given to the Workshops office no later than four weeks prior to the start of the scheduled seminar session. There is an additional \$50 application fee which is nonrefundable unless an application is rejected or seminar space is unavailable.

Extra Expenses

All tuition, room and meal charges are included in the total seminar fee, with the exception of five inexpensive lunches. Also included are all transportation costs within New York for scheduled seminar activities. Incidental expenses, such as extra food snacks, cab fare to and from airports, personal shopping and the like, should be considered as separate and extra items.



Visiting a top Wall Street brokerage firm.

== The Diplomacy & Global Affairs Seminar ==

In Cooperation With

The Elliott School of International Affairs at The George Washington University
Washington, D.C.



America has long epitomized the very essence of democracy and freedom, and from its Capital city of Washington emanate the structure and emodiment of democratic government. Now, over the past year, a remarkable emergence of democracy has taken place in country after country across Eastern Europe. Even in the Soviet Union itself, the democratic free market system has begun to appear and diplomatic and political change is everywhere—to an astonishing degree!

Young Americans today can look forward to a world political order vastly different than anyone imagined only months ago. Thus, it is more essential than ever to learn about our interrelationships among nations, the geopolitics of the Persian Gulf with its very serious consequences for world peace, the movements of emerging democracies worldwide, and political ferment in the Soviet Union and the People's Republic of China. All of these issues, and more, are the daily topics of the Diplomacy and Global Affairs Seminar.

The many embassies, U.S. governmental offices, and multiple international organizations located in Washington will serve as the focus for seminar study. Visits to these organizations will highlight each day as the schedule of the seminar unfolds with students gaining new and timely insights into the headlines and policy-making which are a daily occurrence in Washington. This information, in turn, will assist students with college and career choices and ultimately enable each participant to be a more knowledgeable and effective citizen in the expanding mosaic of our global community.



Seminar students on Capitol Hill.



An evening session with the Dean of the Diplomatic Corps. His Excellency Count Wilhelm Wachtmeister of Sweden, a member of the Washington Workshops National Advisory Committee for many years.



Students attend a State Department policy briefing.

The Seminar Experience

- **Weekly discussions at the Department of State with speakers such as Bureau Chiefs, Policy Analysts and U.S. Diplomats.**
- **Scheduled sessions concentrating on the role of the Executive Branch in U.S. Foreign Policy.**
Visits may include:
 - The International Economic Policy Office, Department of Treasury
 - The International Trade Administration, Department of Commerce
 - The National Security Council Assistants to the President
 - Official White House ceremonies honoring visiting Heads of State
- **A day on Capitol Hill featuring sessions with Members of the Senate Foreign Relations Committee and House Foreign Affairs Committee.**
Time will be provided for:
 - Meetings with Congressional Staff Aides
 - Viewing of actual floor debate in House and Senate Chambers
 - Attendance at Congressional Committee Meetings
 - Visits to the Supreme Court and The Library of Congress
- **Daily sessions at international economic organizations headquartered in Washington such as:**
 - The International Bank of Reconstruction and Development (The World Bank)
 - The Inter-American Development Bank
 - The International Monetary Fund
- **Embassy visits are often scheduled enabling students an opportunity to meet with an Ambassador and his staff**
- **Exploration of the non-governmental agencies and organizations which play a role in the development of foreign policy. Visits may include:**
 - The Organization of American States
 - The World Health Organization
 - International Lobbying firms
 - The News Media

University Residence

The George Washington University housing complex used each session provides attractive double occupancy rooms in the lovely and centrally-located Foggy Bottom section of Washington. From this location easy access is had to the daily schedule of seminar lectures and visits throughout official Washington.



An embassy visit for the Washington Workshops.



An evening debriefing on campus.



At the U.S. Commerce Department for a speech with the Assistant Secretary for Economic Policy.

A Typical Week Further Information

This is an actual schedule of a recent seminar session.

1991 Seminar Dates

June 15-21

June 29-July 5*

August 3-9

Cost\$695

*This is a special Independence Day session of the Diplomacy Seminar. The 4th of July, falling midweek in the session, will be observed with a visit to the National Archives for a live recitation of the Declaration of Independence with music, muskets and period costumes, a parade down Constitution Avenue, campus picnic and special viewing at the Kennedy Center for the evening's national fireworks display—one of the best in the country!

The seminar cost includes:

- Full tuition
- Six nights, seven days double occupancy room accommodation at George Washington University dormitory complex.
- Breakfast and dinner each day in University dining hall.
- Charter bus transportation for all seminar events.
- 24-hour campus security plus full seminar counselor staff on duty throughout the seminar week.

The seminar cost is fully refundable provided written notice is given to the Workshops office no later than four weeks prior to the start of the scheduled seminar session. There is an additional \$50 application fee which is nonrefundable unless an application is rejected or seminar space is unavailable.

Extra Expenses

All tuition, room and meal charges are included in the total seminar fee, with the exception of five inexpensive lunches. Also included are all transportation costs within Washington for scheduled seminar activities. Incidental expenses, such as extra food snacks, cab fare to and from airports, personal shopping and the like, should be considered as separate and extra items.

Saturday—
 Noon—REGISTRATION
 6:00 pm—Welcoming Barbecue
 7:15 pm—ORIENTATION
 Sharon Sievers, Seminar Director

Sunday—
 Morning—Charter buses to Washington monuments & the Mall
 Lunch at the National Gallery.
 Afternoon—Visit to Mount Vernon
 Evening—BORIS IVANOV, Arms Control Specialist at the Soviet Embassy

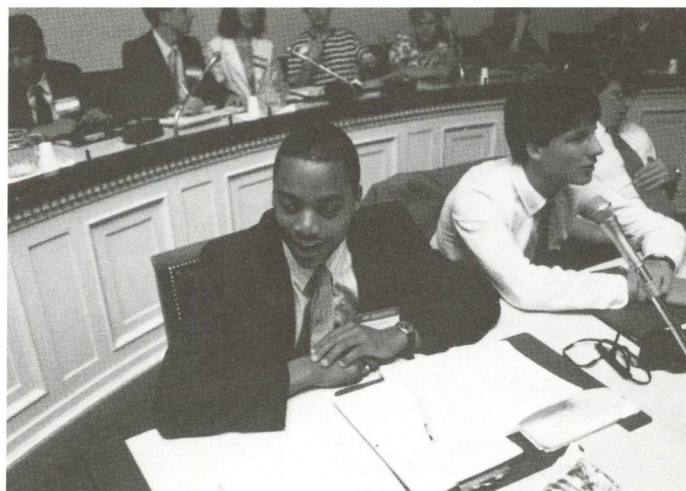
Monday—
 9:00 am—STATE DEPARTMENT SPECIAL BRIEFINGS:
 Moderator: N. Stephen Kane, Policy Analyst, Bureau of Public Affairs
 9:30 am—WELCOMING REMARKS—
 Joan Colbert, Office of Public Affairs
 FORMULATION OF U.S. FOREIGN POLICY—
 Richard Kauzlarich, Deputy Director, Office of Policy Planning
 10:30 am—IMPLEMENTING EAST ASIAN POLICY—
 Charles Kartman, Deputy for Political Affairs
 1:00 pm—AID TODAY—Brian Kline, Deputy Director, Office of East Asian Affairs, Bureau for Africa
 1:45 pm—WORLD TERRORISM—Clay McManaway, Deputy to Ambassador at Large for Counter-Terrorism
 3:00 pm—Visit Vietnam Veterans' Memorial and Lincoln Memorial
 7:30 pm—Dean Maurice East, Elliott School of International Affairs, George Washington University
 8:30 pm—Foreign Policy Forum

Tuesday—
 9:15 am—THE CONSTITUTION AND FOREIGN POLICY—
 Thomas Hodson, Judicial Fellow, U.S. Supreme Court
 10:30 am—ROBERT WHITMAN, The Delegation of the Commission of the European Community
 3:00 pm—Visit Congressional offices
 Visit Library of Congress
 3:30 pm—U.S. SENATOR NANCY LANDON KASSEBAUM (R-KS) Ranking Minority Member, African Affairs Subcommittee, Committee on Foreign Relations
 4:00 pm—U.S. SENATOR CLAIBORNE PELL (D-RI)—
 Chairman, Committee on Foreign Relations
 7:00 pm—BRUNO MAUPRIVEZ, International Monetary Fund
 8:00 pm—Foreign Policy Forum Meetings

Wednesday—
 9:30 am—Tour of the Pentagon
 10:30 am—DEFENSE AND THE FEDERAL DEFICIT—Lawrence Paul Dube, Deputy Comptroller, Office of Program/Budget; Office of the Secretary of Defense
 1:00 pm—THE ROLE OF THE PURSE IN FOREIGN POLICY—The Honorable Katherine Ortega, Treasurer of the United States, U.S. Treasury Department
 3:30 pm—TEA AT THE BRITISH EMBASSY—Hosted by His Excellency Sir Antony Acland, GCMG, KCVO
 7:30 pm—DR. PAOLO LIEBL—Academic Advisor
 8:30 pm—Foreign Policy Forum Meetings

Thursday—
 10:00 am—INTERNATIONAL ORGANIZATION AND FOREIGN POLICY
 James O'Dea, Regional Director, Amnesty International
 11:45 am—DIPLOMATIC LUNCHEON—Address by His Excellency Timon S. Mangwazu, Ambassador of Malawi, National Press Club
 1:00 pm—INTRODUCTION TO THE WORLD BANK—Akim Satoyimbo, Public Affairs Specialist, Africa
 Sheldon Rappaport—Office of Public Affairs for the Financial Complex, The World Bank
 8:30 p.m.—MOSTLY MOZART FESTIVAL—John F. Kennedy Center for the Performing Arts.

Friday—
 9:00 am—Optional tours to Mount Vernon then seminar departure



Washington Workshops Seminars—Since 1967

To Washington Workshops . . .

"I would like to extend my congratulations to the Washington Workshops Foundation for the wonderful program which it is offering to this country's secondary school students."

Former President Gerald R. Ford

"Your participation in Washington Workshops programs reflects your commitment to a greater understanding of government, business, and global affairs. The knowledge gained from these seminars will serve you well no matter what career you pursue."

Former President Ronald Reagan

"The Washington Workshops Foundation is to be commended for providing this important education program. By developing a citizenry informed about the political, economic and strategic aspects of foreign relations, you contribute greatly to the future well-being of our nation and our world."

James A. Baker, III
The Secretary of State

"Perhaps the greatest strength of our nation lies in the freedom to our people to express their views and to discuss them openly. The Washington Workshops Foundation is to be highly commended for providing this means for informed discussion of America's role and policies in the world at large."

George Shultz
Former Secretary of State

"The Wall Street Seminar is particularly important because the securities industry in America and around the world is in a state of dramatic change. The knowledge you gain in New York will put you at the cutting edge of change in the world of finance."

James R. Jones
Chairman
American Stock Exchange

"I wanted you to know how much I support this creative program and how proud I have been to have had the opportunity to work with you."

Senator Paul Simon
Illinois

"The Washington Workshops has provided this unique and inspiring experience to hundreds of young men and women with skill and success. I am proud to have participated in the program, and hope that it will continue for many, many years to come."

Senator Bob Dole
Republican Leader

"I am impressed with the Washington Workshops focus on growth and understanding. An ambitious student leaves Washington with a valuable experience in how democracy operates."

Senator Albert Gore Jr.
Tennessee

"Washington Workshops is offering an exciting challenge to us in the Government and to our high school students around the country."

Senator Mark Hatfield
Oregon

"The Washington Workshops Congressional Seminars indeed present a wonderful opportunity for our nation's young men and women of ambition."

Senator Daniel Moynihan
New York

Student Comments

"This trip was like a dream come true because I love to watch the operations of our government live! The speakers that we listened to were very interesting and provoked much conversation between my friends and me."

David Abbey, Stony Brook, NY

"Not only was the seminar fun, but it was also interesting. I have since begun working for a presidential nominee's campaign and might want to major in political science. This seminar changed my whole outlook on American Democracy. Thank you for providing such a fantastic program!"

Andrew Reback, Short Hills, NJ

"The Seminar on Diplomacy and Global Affairs was much more than a series of lectures and meetings. It was an actual adventure into the real world of International Affairs. No book or narration could replace that kind of first hand experience."

Mary Flanagan, Oak Creek, WI

"While being a Rotary-exchange student from the Netherlands in Pennsylvania for the school year, I consider the Washington Workshops as one of my greatest experiences during my successful year in the U.S."

Duco Adema, Netherlands

"The Washington Workshops Foundation has a great educational vehicle in the Wall Street Seminar. It has been well organized and incredibly well managed. I was also very impressed with the high quality of the speakers and activities."

Paul Drake, Big Bear Lake, CA

"I would like to thank you for providing such a unique summer opportunity as the Wall Street Seminar . . . the entire week gave me a new enthusiasm for the business world which I had not felt before. The speakers and choice of topics gave us a varied perspective on the Stock Market, economics, and career options."

Liz Horn, Summit, NJ

"Never before have I been made so aware of the issues that confront our nation & the world. I congratulate you on being able to organize such an interesting, informative, and fun program . . . Please continue to keep up the quality, professionalism, and excellence of the learning environment which exists at the Washington Workshops."

Howard Kirkland, Loudon, TN

"Last week I participated in the WW Congressional Seminar week sponsored by Union Carbide Corporation. I had a fabulous time and am now very aware of how important it is for me to be involved in the government for my generation is in for some difficult challenges in the future!"

Kathleen McCabe
Springfield, NJ

Additional Opportunities

National Student Advisory Committee

At the end of each year's series of seminars, all participants are invited to join the National Student Advisory Committee. Membership ensures mailings and announcements from the Workshops regarding new programs, reunions, and special WW affairs. Members of this committee are also invited to attend a late fall weekend meeting in the Washington, D.C. or New York area. This two-day meeting provides a splendid opportunity for extended discussions and planning for the following year's seminars.

Capitol Hill Internships

The Advanced Congressional Seminar is a three week or six week program offered at any time during June, July and August each year. This program centers around a Congressional office internship which the Workshops will secure for each participant. Students may also do an optional short research paper dealing with some aspect of their office assignments. Students reside in the dormitories of Marymount University, in nearby Virginia, and the University awards three college credits for successful completion of the program including the research paper. The credits are easily transferable to most other colleges and universities nationwide.

Students may enroll for both the Congressional Seminar and the Advanced Congressional Seminar the same year. A brochure and application for the Advanced Seminar may be obtained by contacting the Workshops office. The total three week program cost is \$1495, which includes tuition, room and board, college transportation each day to and from Capitol Hill, and three college credits. The six week program's cost is \$2595.



Junior High-Middle School Seminars

Primarily offered to school groups accompanied by teachers, these are Washington-based seminars and travel seminars with stayovers in Washington, Williamsburg, & Charlottesville. 1991 seminars are open for enrollment at the following times: January 26–February 1, February 23–March 1, March 2–8, March 23–29, May 4–10, May 11–17, and May 18–24.

The Media Workshops

This one-week program offers students an unprecedented behind-the-scenes look at the entertainment and media world. Students visit motion picture and television studios and newspaper facilities where they learn from leading media executives, producers, actors, directors, writers, and editors. Sessions include inside looks at Columbia Pictures, 20th Century Fox, Walt Disney Productions, CBS, Paramount Pictures and the *L.A. Times*. Other activities include watching production of *Family Ties*, *Cheers*, and *Newhart*, and learning about the media through meetings with their casts and crews. Students stay at the scenic 410-acre UCLA campus. The 1991 program sessions extend from July through August. Additional information is available upon request by calling toll free:

1-800-223-4561 (U.S.) 1-800-443-4561 (California only)



General Information for All Programs

Multiple Program Enrollment

Many students choose to attend more than one seminar each year. If so, only a single \$50 application fee is required for multiple program application. If multiple seminar enrollment is desired and it includes back-to-back dates in New York and Washington, counselor-supervised transportation on AMTRAK is provided; as well as the extra weekend room reservations between seminars.

Financial Aid

For students seeking financial assistance for seminar attendance, we suggest you look into local sources for possible support. Many students have received funds for program participation by approaching school and civic associations, such as the Chamber of Commerce, veteran's groups, service clubs, such as Kiwanis, Rotary & Lions, and local businesses and corporations. Many companies are very supportive, particularly through their public relations and community services offices. Some groups may only offer partial support but when combined may considerably defray total seminar costs. You should state a willingness to share your seminar experiences upon returning home.

Payments and Refunds

All Washington Workshops Seminar costs may be paid by personal check, money order, or charged to MasterCard or VISA. Directions for credit card use will be enclosed in all acceptance letters. Program costs are fully refundable provided written notice is received in the Workshops office at least four weeks prior to the start of the scheduled seminar session.

Seminar Handbook

With program acceptance, each student will receive a Seminar Handbook/Fact Sheet, fully describing preparation for the seminar week. The Handbook includes data on airport arrival, taxi and limo information for transport to campus, mailing address and telephone numbers for use during the seminar, what clothes to wear, etc. Full information will be included as to specific location for dormitory check-in.

Transportation to New York and Washington

Transportation to seminar programs is at the student's own expense. Students should purchase their tickets only after being officially notified of seminar acceptance and receive the student handbook. A Workshops counselor will be on duty on arriving Saturdays at both National Airport in

Washington and Laguardia Airport in New York. Full information in this regard will appear in student handbooks.

Session Size

All seminar sessions have an average enrollment of 100 students, often representing 30 or more states and foreign countries. This enrollment practice of reasonably-sized seminar sessions embodies one of the hallmarks of Washington Workshops seminars as it ensures maximum personal student participation in questioning speakers and overall seminar activities. This is in contrast to other high school student study programs often enrolling hundreds of students per session.

College Admission

Past experience has shown that secondary student participation in the Washington Workshops seminars is of decided interest to college admission officers who are increasingly seeking students with high motivation, personal initiative, and interest in public issues and affairs. The Washington Workshops Foundation presents each student with a Completion Certificate and will further verify, upon request, the student's participation in the Seminar.

Student Supervision

Safety and care of the students will be of constant concern to the seminar administrators, who are in a ratio of approximately one to 25 students. The college campus maintains 24 hour security personnel. In addition, the Workshops' counselors and advisors—all of whom are college and university graduate students—reside in the campus dormitories and are with the students throughout the week. All personnel of this supervisory staff are fully experienced in the subject matter of the Workshops—most are former Seminar participants—and are constantly on hand to administer the safest and most enjoyable program.

Rolling Admissions Policy

The Workshops operates on a rolling admissions basis, with applications being accepted throughout the year as they are received. However, since many sessions fill to capacity early, applications should be submitted as soon as possible to ensure first choice of seminar date.

Faculty Participation

Faculty are encouraged either to bring a student group or come as participants themselves. Faculty members or students who organize student groups of 10 or more receive full grants. Partial stipends are available for teachers or students who organize groups of 5 or more students. Because program size is limited, faculty and students should make their plans as soon as possible. *Group reservations may be made for any week of the year at special request.*



THE WASHINGTON WORKSHOPS FOUNDATION

High School Student Application For All Seminars 1991

Admission Policy:

To guide a school, community organization, or student who is interested in filing application for Seminar attendance, the following selection criteria should be noted:

1. While schools are encouraged to select and sponsor students for program attendance, The Washington Workshops Foundation maintains a standing open admissions policy to permit qualified students, at their own direct initiative, to file an application for Seminar attendance.

2. The student is expected to possess credible academic standing, an interest in the respective Seminar issues, and high standards of personal quality and integrity.

3. This application must bear the endorsement of a teacher or counselor signifying the applicant's genuine interest in learning and serious desire to participate in the educational format of the Seminar.

4. A student should have the ability to relate effectively the unique experiences of the Seminar upon completion of the program.

5. While good grades are always helpful to a student in gaining maximum value from Seminar attendance, the Foundation seeks to encourage a cross-section of students to enroll, providing there is genuine interest in the Seminar's content. A student's grade average—be it high or medium—is only one means of measuring the potential worth of the program to an individual student. Thus, the lack of a high grade average in itself should not discourage any student from applying for attendance.

6. There are no enrollment deadlines. However, applications should be submitted as soon as possible to ensure a student's first choice of seminar session.

7. The Washington Workshops Foundation does not discriminate with regard to race, color, religion, sex, national and ethnic origin for admission to our programs.

(Please type or print)

Name _____ Age _____ Sex _____

Home Address _____

City/State/Zip _____ Tel. No. _____

(Area Code)

Birth Date _____ Social Security Number _____

Present Year in School _____ Approx. School Grade Avg. _____

School _____

School Address _____

City/State/Zip _____

Check seminar(s) you wish to attend and list date preference (state 1st, 2nd, 3rd choice, if applicable):

The Congressional Seminar:

January 19-25
February 23-March 1
March 16-22
April 6-12
April 20-26
June 15-21
June 22-28

The Wall Street Seminar:

June 15-21
July 6-12
August 3-9

The Diplomacy and Global Affairs Seminar:

June 15-21
June 29-July 5
August 3-9

For Multiple Program Enrollment Use Only:

Please check seminar and dates desired:

Congressional Seminar _____ Date _____

Wall Street Seminar _____ Date _____

Global Affairs Seminar _____ Date _____

Only one \$50 application fee is required.

Total seminar experience

Special note: Back to back seminar dates will include free transportation between New York and Washington, D.C. plus extra weekend campus room reservations.

Check address to which you wish further Seminar information sent: ☐ Home ☐ School

Parents Name _____ Office Phone No. _____
(Area Code)

School Activities _____

Interests _____

How did you learn of the Washington Workshops Seminar? (If a former Workshops participant encouraged you to apply, please list his or her name.) _____

Name of Congressman: _____

ENROLLMENT AGREEMENT

Participants are liable for any property damage to campus facilities they may incur during residence.

Washington Workshops reserves the right to cancel any program for lack of sufficient enrollment. In such instances all amounts already paid, including application fee, will be refunded.

Washington Workshops may expel any participant for serious violation of the Code of Conduct. This Code of Conduct, included in a Student Handbook, will be sent to each participant prior to arrival. All expenses incurred will be borne by the participant.

We hereby grant permission for the Washington Workshops Foundation to use photographs, quotes, videotapes, or movies taken in connection with seminar participation.

PARENT/GUARDIAN SIGNATURE

I (We) the undersigned represent that I (We) are the parent(s) of _____
Full Name of Student
and hereby agree that said child/ward may participate in this Washington Workshops Seminar.

Parent/Guardian Signature

Date

STUDENT SIGNATURE

I, _____ have read this application and seminar brochure and agree to abide by the rules and regulations of the Washington Workshops while I am in attendance at said program.

Signature of Student

Date

SOCIAL STUDIES/ECONOMICS TEACHER OR GUIDANCE COUNSELOR SIGNATURE

(not required if application is mailed during summer vacation)

(In signing this application, the teacher or guidance counselor is asked to consider the applicant as a person of good character and sufficient maturity and ability to participate in The Washington Workshops study program.)

Signature

Printed Name

Position

☐ Enclosed is a \$50 nonrefundable application fee, payable to **Washington Workshops**.

Please detach and mail completed application to:

The Washington Workshops Foundation
3222 N St., N.W., Suite 340
Washington, D.C. 20007

National Advisory Council

Hon. George Bush
President of the United States
Honored Member—1981 to 1989

Hon. Dan Quayle
Vice President of the United States

Hon. Thomas S. Foley
The Speaker
U.S. House of Representatives

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Republican, Connecticut
Rep. Dan Rostenkowski
Democrat, Illinois
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Republican, New Jersey
Rep. Gerald B. Solomon
Republican, New York
Rep. Morris K. Udall
Democrat, Arizona
Rep. Robert S. Walker
Republican, Pennsylvania

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Providence, RI
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Former Chief of Staff to the President
H.E. Dr. Abdallah Bouhabib
Ambassador from Lebanon
Ms. Marlene Bozman
Social Studies Teacher
Haines City High School
Haines City, FL
Colonel Thomas H. Ball
Social Studies Teacher
Saint Mary's Hall
San Antonio, TX

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Ambassador from Belgium
Mr. John R. Dufford
College Advisor
Pingry School
Martinsville, NJ
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Former Governor, Delaware
Mr. Lowell C. Duncan, Jr.
Vice President
Corporate Communications
American Airlines

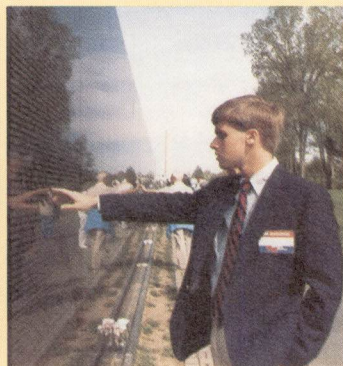
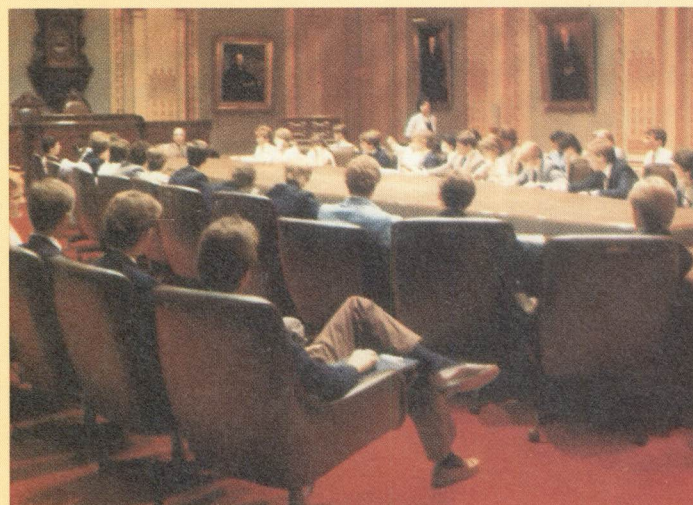
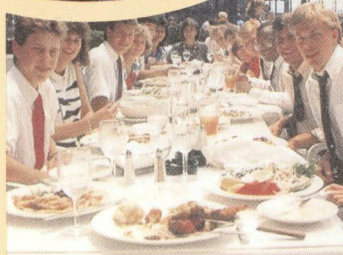
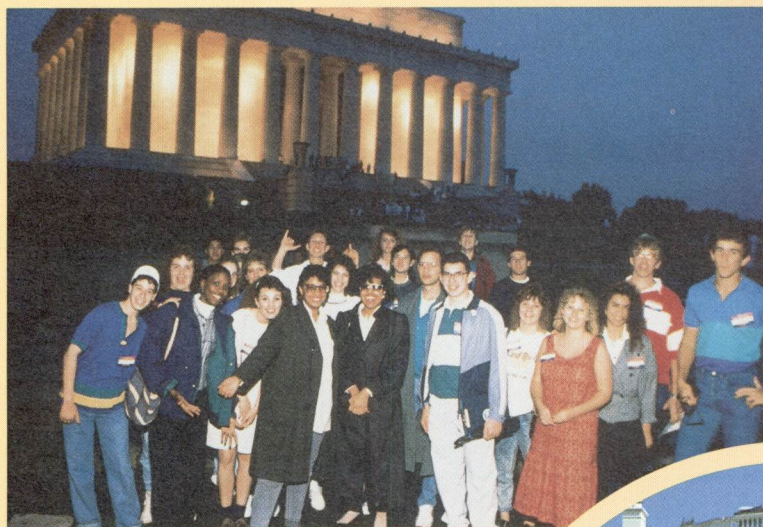
Ms. Martha Kilborn
Social Studies Teacher
Foley High School, AL
H.E. Dr. Piet Koornhof
Ambassador from South Africa
H.E. Zivorad Kovacevic
Ambassador from Yugoslavia
Mr. Anthony La Femina
Secondary Supervisor-Staff & Curriculum
Livingston High School, NJ
Mary Lou Leipheimer
Headmistress
Foxcroft School
Middleburg, VA
Mr. John MacDonald
Social Studies Instructor
James I. O'Neill High School
Highland Falls, NY
Mrs. James D. Maddox
Chairman, Patriotic Service Committee
National Society of the Colonial
Dames of America
Mr. John L. Miller
Social Studies Teacher
Somers High School
Lincolndale, NY
Mr. D. Stanley Parker
Dean
Chestnut Hill Academy
Philadelphia, PA
H.E. Emmanuel Pelaez
Ambassador from the Philippines
Sister Mary Edith Petrone
Albertus Magnus High School
Bardonia, NY
Honorable Jennings Randolph
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H.E. El Sayed Abdel Raouf El Reedy
Ambassador from Egypt
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Winthrop College
School of Business Administration
Rock Hill, SC
Honorable Selwa Roosevelt
Former Chief of Protocol
Department of State
Mrs. Betty Smith
Social Studies Instructor
The Lovett School
Atlanta, GA
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Director of School Programs
Foreign Policy Association
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Social Studies Instructor
Porterville High School, CA
Ms. Mary Jo Thomas
Social Studies Teacher
South Eugene High School, OR
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Ambassador from Thailand
H.E. Count Wilhelm Wachtmeister
Ambassador from Sweden
Jack F. Wallace, III
Managing Director
Securities, Trading and Sales
Bank of Boston
Boston, MA
Mr. Ronald S. Wishart
Vice President, Public Affairs
Union Carbide Corporation
Ms. Mary Zabin
President, INTELX, Inc.
Wayne, IL



Hon. James R. Jones, Chairman of the American Stock Exchange and former Member of Congress shows Workshops students the Exchange.

Sister M. Majella Berg, RSHM
President, Marymount University
Mr. Kenneth P. Berkowitz
Vice President & Director
Public Policy and Communications
Hoffmann-La Roche, Inc.
Father R. E. Bond
Dean, Providence College
Mr. Lee Briggs
Education Director
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Ambassador from Argentina
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Social Studies Teacher
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Social Studies Teacher
Canado High School, AZ
James R. Jones
Chairman
American Stock Exchange
Honorable Jack Kemp
Secretary
U.S. Department of Housing &
Urban Development



The Washington Workshops Foundation

3222 N STREET N.W., SUITE 340 • WASHINGTON, D.C. 20007 • (202) 965-3434 • (800) 368-5688

The Congressional Seminar
The Advanced Congressional Seminar

The Diplomacy and
Global Affairs Seminar

The Wall Street Seminar
in New York City

The Junior High - Middle
School Washington Student Seminar

The Global Environment
Seminar

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120291

FROM: CORRIGAN, WILFRED (SEMICONDUCTOR INDUSTRY ASSOCIATION)

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 02/04/91

SUBJECT: REQUEST FOR A MEETING 02/27/91 REGARDING A NATIONAL
CONSENSUS ON TRADE AND TECHNOLOGY POLICY

ASSIGNED TO: Dr. Wong

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE: OSTP DUE DATE: 02/12/91

DATE COMPLETED: -----

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:

REMARKS:

*Joe, Bill and I
should all meet with
his group -*

3/1 - DAB met! mn

DATE RECEIVED: 02/05/91

p-imitation
FILE: MEETING-ELECTRONICS

May - 3/5/91
pls. close out;
mtg. took place
Wed., Feb. 27 w/ JAB
+ Wong.

Sally
Sherman

Document Originally
Attached to
Following Page

"CORRESPONDENCE TRACKING"

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FROM: CORRIGAN, WILFRED (SEMICONDUCTOR INDUSTRY ASSOCIATION)

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CORRESPONDENCE: 02/04/91

SUBJECT: REQUEST FOR A MEETING 02/27/91 REGARDING A NATIONAL
CONSENSUS ON TRADE AND TECHNOLOGY POLICY

ASSIGNED TO: Dr. Wong

*Gene
Would we
schedule a meeting
DTS.*

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE: OSTP DUE DATE: 02/12/91

DATE COMPLETED: 3/5/91 2/27/91

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 02/05/91

FILE: MEETING-ELECTRONICS



SEMICONDUCTOR INDUSTRY ASSOCIATION

4300 Stevens Creek Boulevard • Suite 271
San Jose • CA 95129 • (408) 246-2711

9/2029/
RECEIVED

FAX (408) 246-2830

February 4, 1991
91 FEB 5 AM 11:14

The Honorable Allan Bromley
Science Advisor to the President
Office of Science & Technology
Old Executive Office Building
17th & Pennsylvania Ave, NW
Washington, D.C. 20506

OFFICE OF THE
DIRECTOR

Dear Dr. Bromley:

On behalf of the Semiconductor Industry Association, I would like to request a meeting between you and several of SIA's Board members and senior executives. These executives will be in Washington for the SIA Annual Conference on February 27, and, if convenient, would like to arrange a meeting with you and your staff that day. (A list of SIA Board members is attached.)

With the competitiveness of the U.S. electronics industry at risk, it is essential that we establish a national consensus on trade and technology policy. The U.S. government and industry must work together to achieve this goal. We believe this would be an opportune time to discuss SIA's 1991 public policy priorities.

Eva Jack of Dewey Ballantine ((202) 862-1068) will contact your office on SIA's behalf to determine if a meeting can be arranged.

Thank you for considering our request.

Sincerely,

Wilfred Corrigan

Wilfred Corrigan
Chairman of the Board, SIA
CEO & Chairman, LSI Logic

Attachment



SEMICONDUCTOR INDUSTRY ASSOCIATION

4300 Stevens Creek Boulevard • Suite 271
San Jose • CA 95129 • (408) 246-2711

FAX (408) 246-2830

SIA MEMBER COMPANIES

Advanced Micro Devices, Inc.
Allied Signal Aerospace Company
Altera Corporation
AT&T Microelectronics
Atmel Corporation
Brooktree Corporation
Cherry Corporation
Cirrus Logic, Inc.
Digital Equipment Corporation
General Electric Company
Gigabit Logic, Inc.
Harris Corporation
Hewlett-Packard Company
IBM Corporation
Intel Corporation
International Rectifier Corporation
Landsdale Semiconductor, Inc.
LSI Logic Corporation
Micron Technology, Inc.
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NCR Corporation
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Raytheon Company
Rockwell International
Sprague Electric Company
Texas Instruments, Inc.
United Technologies Corporation
Unisys Corp.
VLSI Technology, Inc.
Xilinx, Inc.
Zilog, Inc.

SIA DIRECTORS, ALTERNATES, REPRESENTATIVES DIRECTORY
ISSUE DATE 12/20/89 UP-DATED 10/18/90)

W. J. Sanders, III
Chairman and CEO
Advanced Micro Devices, Inc.
POB 3453
Sunnyvale, CA 94088

Robert B. Palmer
VP & General Manager-S/C Opns
Digital Equipment Corporation
77 Reed Road, M/S HL02-2/M11
Hudson, MA 01749

William J. Warwick
President
AT&T Microelectronics
2 Oak Way, Room 5NC01
Berkeley Heights, NJ 07922

Jon E. Cornell
President Semiconductor Sector
Harris Corporation - S/C Sector
POB 883 CB 2-1
Melbourne, FL 32901

George E. Bodway
Corporate Planning Manager
Hewlett-Packard
3000 Hanover Street
Palo Alto, CA 94304

Joseph L. Parkinson
Chairman & CEO
Micron Technology, Inc.
2805 East Columbia Road
Boise, ID 83706

Michael J. Attardo
VP & Pres. Gen'l Technology Div.
IBM Corporation
Rt. 100 POB 100 3A01
Somers, NY 10589

James A. Norling
President & General Manager
Motorola S/C Products Sector
POB 2953 MD C350
Phoenix, AZ 85062

Gordon Moore
Chairman of the Board
Intel Corporation
3065 Bowers SC9-01
Santa Clara, CA 95051

Charles E. Sporck
President & CEO
National Semiconductor Corp.
POB 61659, M/S 16-100
Sunnyvale, CA 94088-1659

Wilfred J. Corrigan
CEO & Chairman of the Board
LSI Logic Corporation
1551 McCarthy Blvd.
Milpitas, CA 95035

Dr. Gilbert F. Amelio
President
Rockwell Communication Systems
POB 568842
Dallas, TX 75356-8842

William P. Weber
EVP/President of S/C Group
Texas Instruments, Inc.
POB 655012 M/S 73
Dallas, TX 75265

Alfred J. Stein
Chairman & CEO
VLSI Technology, Inc.
1109 McKay Drive
San Jose, CA 95131

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Ware & Freidenrich
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SIA
4300 Stevens Creek Blvd., Ste 271
San Jose, CA 95129

Warren E. Davis
Vice President
SIA
4300 Stevens Creek Blvd., Ste 271
San Jose, CA 95129

JAPAN OFFICE

Roger C. Mathus
Executive Director
U.S. Semiconductor Industry
Japan Office
Yonbancho 11-4
Chiyoda-ku
Tokyo, 106 Japan

Michelle

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120322

FROM: CERJAN, PAUL G.

*Its that time
of the year again!*

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/29/91

SUBJECT: REQUEST TO HOST A SMALL-GROUP VISIT WITH STUDENTS
ATTENDING THE UNITED STATES ARMY WAR COLLEGE,
04/17/91 FROM 1:30 - 4:00PM.

*John
p6 handle*

ASSIGNED TO: John O'Neil

rec'd FEB 8 1991

ACTION REQUIRED: FOR DAB SIGNATURE

SENDER'S DUE DATE:

OSTP DUE DATE:

02/20/91

DATE COMPLETED: MAR 18 1991

COPIES TO: Steve Olson
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON: COLONEL LEN HARDY

REMARKS:

DATE RECEIVED: 02/04/91

FILE: *B- Invite - Meeting*
MEETING-NAT'L SECURITY



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

March 18, 1991

Dear Major General Cerjan:

Thank you for your recent letter concerning the annual visit to Washington, D. C., by students of the Army War College. I recall the visit last year and believe it was beneficial to both the students and my staff.

The Office of Science and Technology Policy would be delighted to host another visit this year on April 17. The agenda you propose seems quite appropriate. Colonel John O'Neil, USMC, of my staff will coordinate the visit, and he has already begun planning with Colonel Hardy at the War College. Colonel O'Neil's telephone number is 202/395-3272.

We look forward to seeing the Army War College students on April 17 and hope their visit is as productive as it was last year.

Sincerely,



D. Allan Bromley
Director

Paul G. Cerjan
Major General, U.S. Army
Commandant
United States Army War College
Carlisle Barracks, PA 17013-5050

JFO'NEIL:pn:3/18/91 9120322



DEPARTMENT OF THE ARMY
UNITED STATES ARMY WAR COLLEGE
CARLISLE BARRACKS, PENNSYLVANIA 17013-5050

January 29, 1991



REPLY TO
ATTENTION OF

91 FEB 4 P 5:22

Office of the Commandant

OFFICE OF THE
DIRECTOR

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

Dear Dr. Bromley:

Annually, students attending the United States Army War College (USAWC) visit Washington, DC in the spring to receive briefings by various governmental and private agencies and institutions involved in activities relative to the national security interests of the United States. The trip is scheduled for April 16 and 17, 1991, and is an integral part of the College's curriculum for Academic Year 1991 (AY 91).

Visits are conducted in small groups of approximately 20 students and are normally scheduled for 2-3 hours. The most successful agenda usually consists of a brief organizational orientation, followed by remarks and discussions of substantive issues with appropriate senior officials.

Comments from students and faculty members who visited the Office of Science and Technology during AY 90 indicated the visit should take place for AY 91. Informal coordination with Colonel John O'Neill has indicated that your organization would be willing to support the College as you have done in the past. We would like to formally request your hosting a small-group visit on April 17, 1991, from 1:30-4:00 p.m.

The vital role played by the USAWC in developing future leaders of the U.S. Army and the nation is clearly enhanced by the cooperation of organizations such as yours. If you are agreeable to this request, please have your point of contact (POC) contact our project officer, Colonel Len Hardy. Colonel Hardy and your POC will work out the necessary details to ensure a successful visit.

Thank you for your kind consideration of our request.

Sincerely,

Paul G. Cerjan

Paul G. Cerjan
Major General, U.S. Army
Commandant

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120187

FROM: SCHIFFER, JOHN

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/25/91

SUBJECT: RESCHEDULING POSTPONED LUNCH 02/18/91.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: AS APPROPRIATE

SENDER'S DUE DATE: OSTP DUE DATE: 02/11/91

DATE COMPLETED:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS: 2/4/91 - Regretted to Jean!
min

DATE RECEIVED: 01/31/91

FILE: MEETING-INVITE

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

9120187
Telephone number: (708) 972-4066
FAX number: (708) 972-3903
BITNET address: SCHIFFER@ANLPHY

January 25, 1991

Dr. D. Allan Bromley
Science Advisor
Room 358
Old Executive Office Building
Washington, DC 20506

Dear Allan,

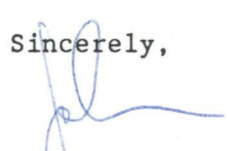
Thanks for your note.

I will be in Washington again for part of the AAAS meeting over the weekend of February 16 and if you are free, perhaps we might have our postponed lunch on Monday the 18th. I realize that you are busy but if feasible it would be a pleasure to see you.

ATLAS has not yet started - if all goes well a restricted mode of operation may be allowed in about one month. The positron story is still unresolved. The GSI data are a little more consistent but a very substantial puzzle remains. We hope to have APEX going here late in the year - and resolve some of the issues. I believe that we hammered out an agreement on GAMMASPHERE along the lines I mentioned to you earlier: it will be built at Berkeley, but with a firm agreement that it is to move after 18 months of operation, no matter what. This is technically feasible and keeps community participation. It is ironic that EUROGAM is now threatened by the proposed shutdown of the Daresbury NSF.

With best wishes.

Sincerely,


John Schiffer
Physics Division

JS:jcg

62 : 014 18 JAN 16

RECEIVED

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120197

SPEECH: YES NO

FROM: SALAM, ABDUS AND EMMERIJ, LOUIS

DATE OF EVENT: 08/29/91

LOCATION OF EVENT: TRIESTE

TIME OF EVENT:

SUBJECT: MEETING ON, "THE ESSENTIAL ROLE OF SCIENCE IN
TECHNOLOGICAL PROGRESS AND ECONOMIC DEVELOPMENT.

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: Dr. Phillips

REMARKS:

DATE OF LETTER: 01/10/91

DATE RECEIVED: 01/25/91

FILE: A- INVITE-~~ECONOMICS~~ meeting

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120197

SPEECH: YES NO

FROM: SALAM, ABDUS AND EMMERIJ, LOUIS

DATE OF EVENT: 08/29/91

LOCATION OF EVENT: TRIESTE

TIME OF EVENT:

SUBJECT: MEETING ON, "THE ESSENTIAL ROLE OF SCIENCE IN
TECHNOLOGICAL PROGRESS AND ECONOMIC DEVELOPMENT.

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO: Dr. Phillips

REMARKS:

DATE OF LETTER: 01/10/91

DATE RECEIVED: 01/25/91

FILE: INVITE-ECONOMICS

THE WHITE HOUSE
WASHINGTON

February 6, 1991

Dear Messrs Salam and Emmerji:

Thank you for your letter of December 10 inviting me to a meeting on **The Essential Role of Science in Technological Progress and Economic Development** scheduled for August 29, 30 and 31, 1991. I apologize for the much belated response.

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

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

Sincerely yours,

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

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

Messrs. Abdus Salam and Louis Emmerji
The Third World Academy of Sciences
International Centre for Theoretical Physics
34100 Trieste
Italy



THE THIRD WORLD ACADEMY OF SCIENCES

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: CENTRATOM - TELEX: 460392 ICTP I

9/20/97
10 December 1990

Dear Mr. Bromley,

It is with great pleasure that we invite you to a meeting on: 'The Essential Role of Science in Technological Progress and Economic Development', which will take place during the period 29, 30 and 31 August 1991.

This is probably the first meeting of its kind ever to be organized, in which key representatives from the scientific and economic realms, as well as from governments and international organizations, are invited to come together for a frank debate on economic development and science. Attached you will find a draft on the proposed objectives and format of the conference and we would be pleased to receive any comments and suggestions you may have, by the end of January 1991 at the latest, in order to allow for possible modifications.

The Third World Academy of Sciences (TWAS) and the International Centre for Theoretical Physics (ICTP) will be happy to cover your living expenses here in Trieste, and we look forward to hearing from you soon.

With best regards.

Yours sincerely,

Abdus Salam

Abdus Salam
Director of ICTP, President of TWAS

Louis Emmerij
President of OECD Development Centre

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

DIRECTOR
OFFICE OF THE

17 JAN 25 11:17

RECEIVED

THE ESSENTIAL ROLE OF SCIENCE IN TECHNOLOGICAL PROGRESS AND ECONOMIC DEVELOPMENT

I) Objectives

The relationship between economic development and technological progress has been well researched by the economic profession and there is probably not much to add to this debate, except that access to technology, particularly high technology is more crucial than ever in order for countries and enterprises to have access to global markets. What is as yet less well understood, however, is the link between technology and science and hence between economic development and science.

The frequent lack of understanding, and hence co-operation, between scientists and economists is a problem which is often raised. This problem stems partly from the nature of the responsibilities of the two sides: whilst the economists, in particular those involved in governmental decision-making and operating in the business and financial world, live under the strong pressure of short-term, frequently crisis-wrought and profit-orientated conditions, the scientists are involved in more long term activities, frequently searching for solutions to fundamental problems of the world, sometimes with an unpredictable outcome. There has not been sufficient dialogue between economists and scientists and the result has been that scientists have become ivory tower academics and economists have to rediscover human development.

In order to initiate dialogue between scientists and economists, therefore, a meeting is planned, with the following major objectives, placing a special emphasis on the South in order to clarify:

1. The relationships between:
 - a) Technology and the national as well as global economy
 - b) Technology and the science base of a country
2. The role of and co-operation between scientists and economists
3. How developing countries can acquire a scientific and technological basis through centres of excellence, to further economic development and protect the human environment

All participants are expected to play an active role either by preparing papers or as discussants.

The Roundtable will place much emphasis on the role and cooperation between scientists and economists, drawing them all together in a common endeavour towards the development and well-being of the people.

Procedure

The meeting will take place in Trieste at the end of August 1991 for a period of two and a half to three days. It will be co-sponsored by the ICTP, TWAS and the OECD Development Centre in Paris.

The conference will be in the form of a roundtable, with not more than fifty participants, in order to secure an efficient, less formal exchange of views, favouring concrete dialogue rather than "political" speeches.

The composition of the participants may be as follows:

1. Academic economists
2. Applied economists
3. Academic scientists
4. Applied scientists
5. Captains of business (industry and banks)
6. Governmental managers
7. Participants from international organisations

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120135

FROM: GRKAVAC, OLGA

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/11/91

SUBJECT: REQUEST TO MEET TO DISCUSS; TRENDS, DIRECTION AND
LONG RANGE FEDERAL INFORMATION TECHNOLOGY NEEDS

ASSIGNED TO: Dr. Wong

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

1/28/91

COPIES TO: Dr. Phillips

=

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

*the letter mentions someone calling to
arrange an interview. Did they?*

*P- invite -
meeting*

DATE RECEIVED: 01/24/91

FILE: ~~ADAPSO MEETING~~



the computer software and services industry association

1616 N. Fort Myer Drive
Suite 1300
Arlington, VA 22209-9998
Phone: (703) 522-5055
Facsimile: (703) 525-2279

35

January 11, 1991

The Honorable D. Allen Bromley
Asst. to the Pres. for Science & Tec.
Office of Science and Tech. Policy
17th and Pennsylvania Ave., N.W.
Washington, DC 20500

Dear Mr. Bromley:

The purpose of this letter is to request an appointment with you on behalf of the ADAPSO Federal Information Systems Integration (ISI) Committee.

As a leading association for the Federal systems integration market, ADAPSO is seeking to gain a broader understanding of the trends which will affect our industry over the next five years. Your position and experience provide a valuable perspective on the market and the forces which will shape its direction.

For these reasons, we request an opportunity for three of our member executives to meet with you for approximately one hour. Topics for discussion will focus on trends, direction, and, most importantly, your perspective of long range Federal information technology needs. Results of this discussion will be provided to member companies of ADAPSO and interested parties in government, industry and the media. No topics will include discussions of specific programs deemed to be source selection sensitive.

Enclosed is an interview questionnaire, a brochure on the Federal ISI Committee, and a copy of the 1990 ADAPSO survey of senior IRM officials entitled "Key Issues in Federal Information Technology". Over 1300 copies of this report were distributed last year. Ms. Linda Giannino will be in contact with your office during the week of January 21 to set up a convenient time for the interview.

If you have any questions on the above, please call me.

Sincerely,

Olga Grkavac

Olga Grkavac
Vice President
ISI Division

OFFICE OF THE
DIRECTOR

61 160 12 1991

Enclosures

RECEIVED

Januar -
Please send this to Sally Sherman, for
One way to follow up.
[Signature]

January 11, 1991

The Honorable D. Allen Bromley
Asst. to the Pres. for Science & Tec.
Office of Science and Tech. Policy
17th and Pennsylvania Ave., N.W.
Washington, DC 20500

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If you have any questions on the above, please call me.

Sincerely,

[Signature: Olga Grkavac]

Olga Grkavac
Vice President
ISI Division

No
Phone 522-5055
[Signature]

Enclosures

Date 2/14/91
Name of recipient Marian Nida Organization Office of Sci & Tech Policy
Name of sender Linda Giannino 284-5347 Fax Number (202) 395-3261
Number of pages (including cover) 1 + 1

Could we possibly set up a time for the
interview? We are scheduling appointments
through mid-March. Thank you.

3/20/91

Mary -

re Dr. Wong, pls. close out.

This item reached us after the
Jan. 21 date stated in this
letter + they did not follow up.

Thy.

Sally

QUESTIONNAIRE

ADAPSO 1991 Federal Agency IRM Interview Topics

APPLYING INFORMATION TECHNOLOGY

- o Please describe the relationship between the IRM function and the agency head.
- o How does the agency head feel about information technology (IT)?
- o Does the agency articulate a mission statement?
- o How does IT relate to a mission statement?
- o Are the benefits of IT understood?
- o Is technology a driver? Is the array of technology sufficient?, or confusing?
- o What limits "optimum use" of IT?
- o If IT is not being used effectively in accomplishing agency mission, what are the problems and how can they be solved?
- o What is your view of the roles of Congress, GSA, OMB and GAO regarding the Federal government's optimum utilization of IT?

SUCCESS STORIES

- o What are the IT success stories in your agency?
- o Which projects do you consider to be unsatisfactory examples of IT implementation?
- o What constitutes success in your view?
- o How do you relate success to planning, implementation, procurement, standards, people, management, dialogue/partnerships or others?

EXPLORING THE PROCUREMENT PROCESS

- o Discuss your procurement process using appropriate examples if you wish.
- o Do you need different types of procurement processes for different types of procurements (i.e., hardware, complex systems integration, facilities management)?
- o What have you found expedites the process? What improvements can be made?
- o Is there the "right" amount of information exchange during the procurement process?
- o Where can industry help?

ROLE OF SYSTEMS INTEGRATORS

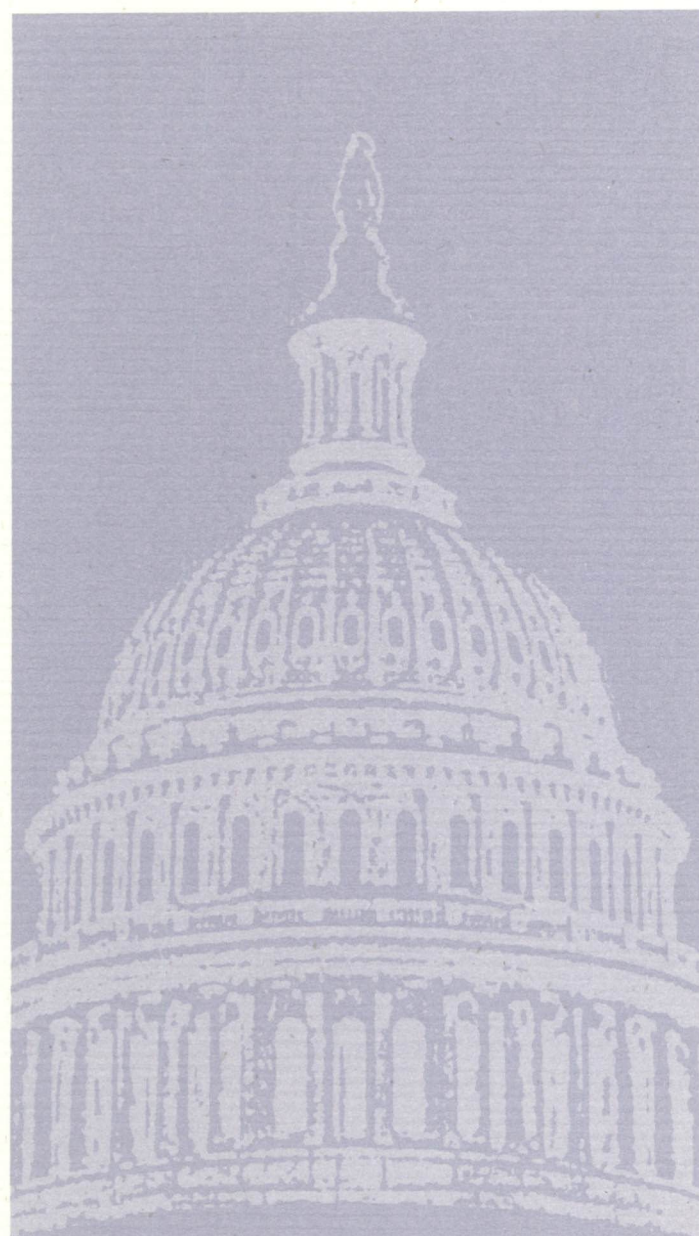
- o What is the proper role for systems integrators in implementing IT for the government?
- o How effective are systems integrators in fulfilling that role?

OTHER ISSUES

- o Are there other issues you would like to discuss?

A D A P S O

**FEDERAL
INFORMATION
SYSTEMS INTEGRATION
COMMITTEE**



Information systems integration is a process by which multiple products and services are identified and assembled into a complete solution to a complex information system or sub-system requirement.

Systems integration contracts may include many but not necessarily all of the foregoing activities.

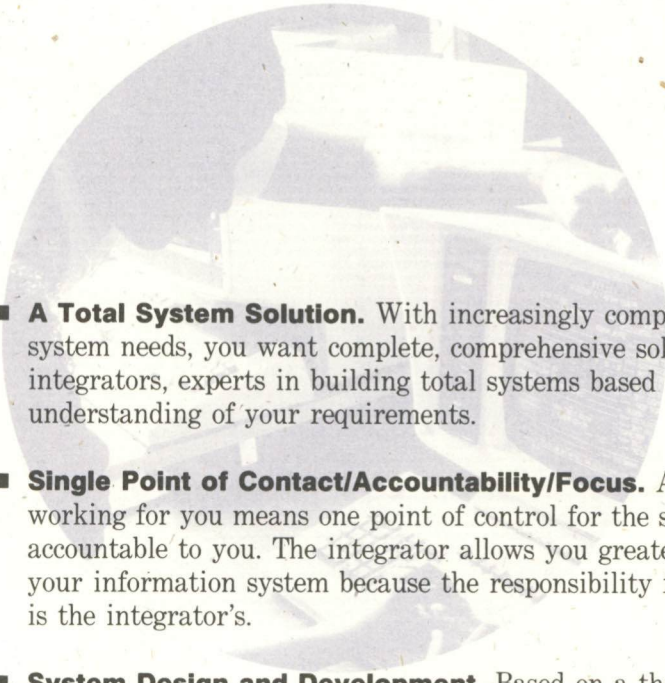
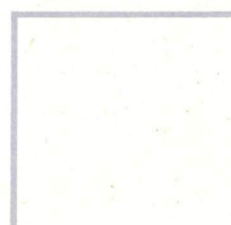
An information systems integrator is responsible for overall system management and is the single point of contact and responsibility to the buyer for system performance, functionality, schedule, and cost.

ADAPSO's Federal Information Systems Integration (ISI) Committee was formed in early 1989 to increase the effectiveness of member firms in responding to the needs of their customers in the federal market.

The member firms of the Federal ISI Committee represent a broad cross-section of the systems integrators who provide services to most of the agencies and departments of the federal government.

Estimates of expenditures in 1989 for federal ISI are approximately \$3 billion — a substantial commitment to the industry by the customer, and one that federal systems integrators are striving to match in the quality of service that they provide.



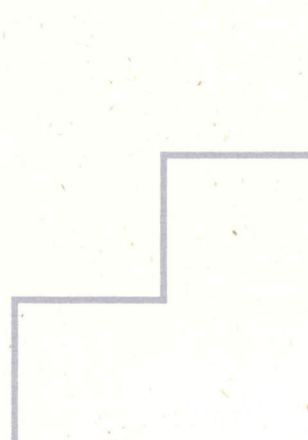
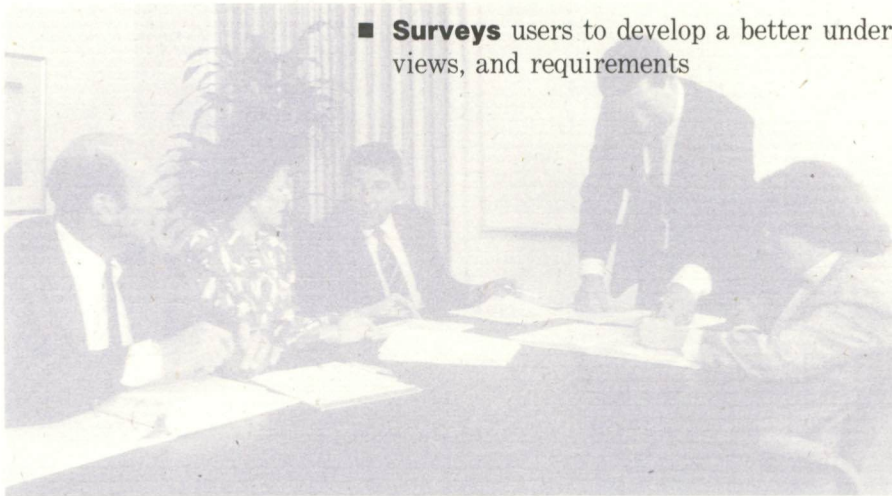
- 
- **A Total System Solution.** With increasingly complex information system needs, you want complete, comprehensive solutions from integrators, experts in building total systems based on a thorough understanding of your requirements.
 - **Single Point of Contact/Accountability/Focus.** An integrator working for you means one point of control for the system solution... accountable to you. The integrator allows you greater control over your information system because the responsibility for the solution is the integrator's.
 - **System Design and Development.** Based on a thorough understanding of your business and of your system objectives, an integrator designs the optimal solution to your information needs, and then develops and implements that solution.
 - **Integrated Hardware, Software, Communications.** Understanding your information system needs, an integrator brings together the best hardware, software, communications, and other system components to deliver the optimal solution.
 - **Technology Replenishment.** With the accelerated pace of technological change, multiple options need to be evaluated. An integrator objectively evaluates technology choices that fit your particular information system solution, as it exists today and as it evolves over time.
 - **Technical and Human Resources.** Integrators offer the program management and system engineering skills critical to the success of a complex solution. They also offer leading edge productivity tools and methodologies.
 - **Risk Assumption/Containment.** An integrator assumes the risk for the solution designed and implemented for your particular information system needs. This gives you greater control over system costs and other variables.
 - **Better Cost Control.** Because the integrator commits to the delivery of your information system under contract, your costs for the system are predictable and manageable.
- 

RECOMMENDATIONS

- 
- **Maximize** information exchange and communications with contractors during the procurement process. ADAPSO offers a unique forum for improving communications, such as its monthly dinners with federal government officials, and its participation in GSA's Trail Boss program.
 - **Formalize** channels for pre-RFP dialogue. ADAPSO welcomes your suggestions for specific actions that may be taken to accomplish this.
 - **Restructure** the strategies behind and method of contracting for procurements to maximize the ability of and incentives for integrators to support your mission.
 - **View** doing business in the federal market as a mission partnership between you the customer and the integrator, with "success" judged on performance that supports your mission improvement goals.
 - **Involve** system users from design through implementation phases to assure that your operational requirements are articulated and met.
 - **Promote** better understanding of contracting issues by your personnel and those of the ISI industry.
 - **Produce** better RFPs, with functional specifications. The use of RFIs and RFCs will generally produce requirements documents that are easier for integrators to respond to and to bid to help you meet your mission goals.
 - **Focus** on buying solutions, not on specific technologies.
- 

THE COMMITTEE

- **Represents** more than 65 firms in the ISI industry that do business with the federal government, and that are seeking to become the voice of the ISI industry
- **Promotes** awareness of successful ISI programs through trade and general media and through face-to-face meetings
- **Prepares** briefings on the benefits of ISI for government personnel and members of the U.S. Congress
- **Monitors** and takes proactive positions on federal regulations and legislation to improve contracting for and delivery of ISI solutions
- **Presents** and discusses the ISI industry perspective to GSA's Trail Boss and other government training programs
- **Sponsors** monthly dinners with federal government decision makers
- **Surveys** users to develop a better understanding of client needs, views, and requirements



DEFINITION



An information systems integrator is an entity that conducts an established business and is engaged in contracting to provide the added value work necessary to accomplish systems integration, including the activities of:

- Conceptual design/architecture*
- Detailed design*
- Project management*
- System engineering*
- System and application software engineering*
- Hardware and software design/implementation*
- Make/buy decisions*
- Procurement*
- Subcontract management*
- Financing*
- Assembly, installation and test*
- Logistic support*
- Facility operation*
- Maintenance*

A n information systems integrator is an entity that conducts an established business and is engaged in contracting to provide the added value work necessary to accomplish systems integration, including the activities of:

- Conceptual design/architecture
- Detailed design
- Project management
- System engineering
- System and application software engineering
- Hardware and software design/implementation
- Make/buy decisions
- Procurement
- Subcontract management
- Financing
- Assembly, installation and test
- Logistic support
- Facility operation
- Maintenance



the computer software and services industry association

Information Systems Integration Section
1300 N. 17th Street
Suite 300
Arlington, VA 22209
Telephone: (703) 522-5055
Facsimile: (703) 525-2279

Key Issues in Federal Information Technology

*An ADAPSO Survey of Senior
Information Resources Management Officials*

July, 1990



Key Issues in Federal Information Technology

*An ADAPSO Survey of Senior
Information Resources Management Officials*

July, 1990



***ADAPSO FEDERAL INFORMATION SYSTEMS INTEGRATION COMMITTEE
SENIOR INFORMATION RESOURCES MANAGEMENT (IRM) OFFICIALS SURVEY***

Executive Summary

In early 1990, ADAPSO's Federal ISI Committee conducted 20 in-person interviews with key federal IRM (information resources management) executives to determine the major issues of concern to these decision-makers.

ADAPSO initiated this survey as a result of a feeling among the committee membership that there is a growing frustration in government with the difficulty of applying technology to solve federal information management problems and in industry with the reduced opportunity for dialogue with federal officials to address such problems.

While there was a wide range of topics covered and issues identified in the survey, there was a remarkable degree of convergence on what was central and what needed to be done. Responses focused on five major areas: planning and implementation, procurement, standards, people, and industry-government dialogue/partnership.

The issues identified in this survey can form an agenda of mutual interest and concern for industry and government. Therefore, the ADAPSO committee will seek opportunities for discussion and, where possible, resolution of these issues with federal IRM officials and Congress.

The Federal ISI Committee welcomes any and all comments on the findings/summary of this project. Copies are available by contacting:

Olga Grkavac
Senior Vice President of Government Relations
ADAPSO
(703) 284-5311

Introduction

Systems integration is the fastest growing segment of the information services industry. ADAPSO, the computer software and services industry association, represents more than 150 companies offering systems integration services and, as a result, has a significant interest in understanding the dynamics of this marketplace.

In the Spring of 1990, ADAPSO's Federal Information Systems Integration (ISI) Committee conducted a survey of 20 government information resources management (IRM) executives. The study sought to identify the needs, directions and trends of top customers for systems integration services.

Analysis of survey results finds five major themes running throughout: Grand Design, procurement, standards, people and dialogue/partnership. The ISI Committee found two other important areas, technology and budget, conspicuously underemphasized. This report summarizes the IRM executives' responses in each category. The ISI Committee believes that the issues raised by this survey constitute an agenda for discussion and resolution for system integration services suppliers and customers.

Survey Method

The ISI Committee contact 33 IRM executives and conducted on-site interviews with 20 of them, representing 15 Federal departments and agencies (Participants have been identified in Appendix B). The study represents the majority of government agencies engaged in large-scale systems integration projects. The ISI survey method was qualitative, consisting of 16 open-ended questions (as listed in Appendix A).

Major Issues

Planning and Implementation

During the past few years, the success of major federal systems integration projects has been questioned. This questioning has stimulated debate over the optimum size, scope and approach for such projects. While a variety of opinions still exists, a consensus seems to be emerging.

The IRM executives interviewed endorsed the continued development and use of strategic information system plans for each agency to support its mission and to represent its information technology vision. The implementation of these plans should then occur in modular, manageable pieces over time. The plan and the resulting systems need to be flexible to allow for change and technology insertion.

One IRM official favoring such an approach said the key to success is "componentization and modularity," emphasizing an iterative development process where the design is frozen early and the system is brought up component by component. A Department of Defense IRM respondent called for a more modular approach that allows for incremental acquisition and implementation to meet overall, long-term requirements. A third respondent stated that overall information architectures with hardware and software standards are critical to this component-based, modular approach.

In September, 1988, GSA issued a report criticizing large-scale, "grand design" systems development. GSA officials have now indicated a modification of their views. They plan to release a report this fall entitled "Bounded Grand Design," which will detail four alternative ways to develop and implement large information systems in the federal government. The choice of the best alternative will depend on four factors: risk, critical success factors, people and use of technology for modernization.

Procurement

Procurement was mentioned as a problem in nearly every interview. The six topics listed below are facets of a complex, interrelated process:

- o ill-founded protests
- o vendor responsiveness
- o integrity vs. openness
- o awareness and education
- o projects which are too big
- o complexity of the process

The proliferation of protests reflects the degree to which the procurement process is flawed. Government views protests as a major problem. One DoD official said "Protests are the office's biggest problem. They are driving our business to the point that all other productive work comes to a stop." A civilian agency official noted that protests are expensive and waste valuable time. Another DOD executive said, "When you have a leg to stand on, do so; if not, let's not waste each other's time." Unwarranted protests have a negative impact on government's view of the vendor community.

Several respondents suggested that vendors are not responsive enough to government. Industry must do a better job of understanding what government does on a day-to-day basis so that proposals are more on target. Government must work at encouraging this practice. The government needs solid responses to Requests for Information (RFI's). Don't ignore them. A DoD official said, "We need to be freely communicating with industry to refine our requirements and request technically feasible solutions to avoid the misunderstandings that lead to protests. All of this is becoming more difficult to the point where communications may cease."

This leads to the more general topic of the tension between openness and integrity. One respondent said, "We need to be able to share information freely without fear of unnecessary integrity problems." Another feels that many of the new laws regarding procurement integrity are cumbersome and ridiculous and are a hindrance to exchanging information.

Officials resent vendors who take advantage of the weaknesses in the procurement system to "game" the evaluation process to their advantage and to win large jobs which they really are incapable of performing. Protests inevitably follow.

Several respondents mentioned problems of awareness and education. Politicizing the IRM position within government has led to turnover and, therefore, lack of experience with the procurement process. Contracting officers often are not plugged in well enough to the

program manager or Trail Boss to understand what is needed. Industry is not educated well enough on procurement law and practice. Inexperience is a major problem.

One respondent said the responsibility for failure in information systems development rests squarely on "the inability of government to articulate requirements and levels of expectations to contractors," and challenged industry to be more assertive in "expectation management." This position suggests that industry must take responsibility for channeling demand for information technology into what is achievable and affordable and must challenge requirements which are unnecessary and silly. Once on board, industry must avoid the "dutiful servant" attitude, but rather must supply the candor necessary to produce high quality systems for government customers.

A number of respondents discussed a trend toward a more flexible, incremental approach to systems development. This is motivated by the volatility in which IRM officials operate and by the difficulties of adequately defining requirements and evaluating responses for very complex systems. "We have a tendency to bite off too much at one time," according to one respondent.

Finally, and this is no surprise, the process is too long, too complicated and requires too much paperwork.

Standards

"Standards" was the most frequently cited issue in the IRM executive survey. Standards play such an important role because they are the key to multiple vendor platforms, technology refreshment, incremental procurement and modular implementation of Grand Designs. One respondent called proprietary standards self-serving, while most called for more open systems and the use of commercial, off-the-shelf solutions.

System interoperability is sought by most of the IRM executives queried. "The ultimate goal would be a DOD-wide information architecture based on the standards necessary to achieve interoperability," one said. Another called for the elimination of redundant systems throughout the military services, replaced by standards-based systems and services.

Several IRM executives said standards-based solutions will allow them to develop systems in an incremental way without risk of buying short and ending up with an incompatible or non-extendable system. "Tighter budgets mean smaller, incremental buys," one executive said. "We need standards to insure what we buy today will work with the increment we buy tomorrow." Another said standards support the "refreshment" of technology over the system lifecycle.

Respondents generally called for better cooperation with industry in working towards standards, and many cited the efforts of the National Institute of Standards and Technology, an organization which accomplishes a great deal with very little funding. The standards issue is a major challenge, and the process needs to be energized.

People

Human resources issues were raised as major concerns by ten of the respondents. One IRM official stated the problem broadly by saying the "GSA is, for the first time in 25 years, focusing on the people side of information systems." Issues concerning people fell into four general areas:

- o improving the understanding of government requirements
- o need for technically qualified project managers
- o need for training of contractor and government personnel
- o recruiting and maintaining a stable and technically qualified work force

The need to improve the understanding of government requirements was a major concern in most of the interviews. Many interviewees noted that the federal government's reliance on outside contractors for information technology services will increase in the coming years, rendering improved understanding even more crucial. All the interviewees representing GSA indicated that contractors, including the sales people, must better understand the big picture of customer needs, before they can understand program requirements. Another respondent conceded that the government has at times failed to articulate requirements and expectations, but advised that "industry must also be willing to challenge requirements they are convinced are unnecessary and silly." Another added that government and industry personnel "must form a team and communicate better to achieve best results."

Interviewees voiced concern about the need for qualified project managers to oversee and guide system integration projects. One senior official said that "the value of the system integrator is in the management of hardware or in the development of software." A DOD respondent said that "overall we need better management" and another stated categorically: "the biggest issue for the future is training for project managers." Project managers should be very senior personnel with an open relationship with the government's senior executive and a thorough understanding of the end user requirements. The program management function, on the government side, "will be essential as information systems programs get larger and more complex."

Interviewees expressed concern about the need for training both for government and industry personnel. Several initiatives geared to address this issue were cited, including extending the Trail Boss concept, revamping the Strategic Planning Process, and utilizing technology to modernize administration in government. One official stated that the success or failure of systems development in his agency is affected by industry's ability to educate private industry and from vendor's experience with the Department of Defense." Another IRM official said he believes industry doesn't keep up with changing technology and doesn't invest in the human resources to keep in front of technology. A third official agreed, stating that the private sector is not taking full advantage of the technology to which it has access.

Most interviewees expressed great concern about the quality of people provided by industry on integration contracts. A respondent said: "Our agency has been frustrated by the quality of people provided by contractors. At times contractors provide people that we must train before being able to get the job done. Another voiced an analogous concern involving "bait and switch" tactics, stating that "government needs a commitment from

industry to maintain quality people on a project for the long term.” Yet another voiced a similar concern, stating that one of the reasons for discontent with regard to integration projects is that new persons are assigned to the project after award, or that people are “hitting and running” and not staying with the problem long enough to identify a solution.

Dialogue/Partnership

With the advent of larger and more complex systems, modularization, and emphasis on requirements definition in software development, the need for closer cooperation between government and industry becomes imperative. Many interviewees voiced concern about the deleterious effect the procurement process and the integrity laws have had on government-industry dialogue. One IRM official called for industry and government to work as a partnership. Another said that too much competition can adversely affect the relationship. He called for industry to “compete, yes, but only up to a point. After that point we need the full cooperations from everyone to help us accomplish our mission.” A DOD executive emphasized the role of open dialogue and closer working relationships in early problem identification and avoidance of “gaming,” both of which are essential to successful system development.

Technology

Technology oriented questions produced limited responses. Some saw information systems modernization as a high priority, and that government needs to understand and exploit the potential of currently available technologies. The obstacles, however, are the lack of openness, flexibility and adherence to standards.

Budget

Except for the DOD respondents, there was an absence of concern regarding the possibility of budget reductions. One IRM executive said Gramm-Rudman cutbacks have had limited impact on information technology expenditures. This individual noted that as costs get harder to absorb, structural changes take place, and technology is embraced as a way to maintain productivity.

To the extent that any budget trends emerged from the study, one might conclude that there is a movement towards adapting proven systems and consolidating IRM functions at the headquarters level. One respondent speculated that procurement improvements may reduce the cost of oversight and control, spawning a new source of funds for information systems.

Conclusion

Several observations can be made from this survey. First, participants displayed an obvious desire to participate. Respondents were not only willing, but were anxious to express their views. This leads the Federal ISI Committee to conclude that insufficient dialogue now exists between government and industry on these issues. In addition, while survey participants expressed multiple concerns, none in the Committee’s opinion is considered impossible to resolve.

However, the resolution of these issues represents a major challenge to all those affected. ADAPSO is providing these study findings to federal government officials, to the ADAPSO membership and to the press to increase the awareness of these issues. ADAPSO is committed to enhancing the dialogue between government and industry, and to searching for ways to resolve these issues. To this end, ADAPSO will continue periodically to conduct similar interviews, and welcomes all opportunities to discuss and address the issues described above.

For further information, please contact Olga Grkavac, ADAPSO, (703) 284-5311.

APPENDIX A

IRM Survey Questionnaire

Questionnaire

- o Briefly describe your information systems background leading to this current assignment.
- o Looking back, what events or activities determine the success or failure of an information system development? What actions could/should industry have taken to improve the success of the project?
- o Are any of these events or activities germane today? How?
- o What is the mission of your office?
- o Has that mission changed in the past year? How?
- o What will impact your mission tomorrow?
 - o Budget
 - o Evolving mission
 - o Manpower
 - o Technology
 - o Federal or DOD procurement rules

- o Has your agency/department's process changed with respect to Information Technology (IT) programs? Do you foresee changes?
 - o Requirement generation
 - o Requirement validation
 - o Funding
 - o Implementation
 - o Test and acceptance
 - o Program management
 - o Standards
 - o Performance/quality measurement
- o What concerns does your agency have relative to industry's ability to meet your IT needs?
- o Should industry adjust its investment or implementation strategy to meet the unique needs of your department/agency? If so, how?
- o How can the federal SI industry assist your office in meeting its mission?
- o Does your agency/department have any needs not currently met?
 - o Technical needs (e.g. mass data storage devices)
 - o Management
 - o Reporting
- o Has technology insertion worked? What can industry do to improve this process?
- o What technologies/trends do you perceive as having a significant impact on your agency/department's IT programs? (positive or negative)
- o How can industry improve the legislative dialogue between industry and government?

- o How can industry improve its ability to communicate concerns/ issues/recommendations on a specific acquisition (e.g. draft RFP process)?
- o Do you have any views or concerns, not addressed, on which you would like to comment?

APPENDIX B

IRM Survey Respondents

Interviewees

Dr. Mark A. Boster
Assistant Administrator
Automated Information Services
Farmers Home Administration
Department of Agriculture

Mr. Thomas J. Buckholtz
Commissioner Information
Resources Management Service
General Services Administration

Ms. Nina G. Cornett
Acting Director, Information
Resources Management
Department of the Navy

Mr. Donald C. Demitros
Director, Office of Information
Policy & Systems
Department of Housing and Urban
Development

Mr. Gerald F. Cranford
Assistant Director of ADP
Bureau of the Census
Department of Commerce

Col. Clarence J. Kelley
Director Communication &
Control and Mission
Support System
United States Air Force

Mr. Wallace O. Keene
Assistant Associate Administrator
for IRM
National Aeronautics & Space
Administration

Ms. Cynthia Kendall
Deputy Comptroller, IRM
Department of Defense

Mr. James E. Larson
Acting Deputy Assistant Secretary
of IRM
Department of Health and Human
Services

Mr. Francis A. McDonough
Deputy Commissioner
Information Resources
Management Service
General Services Administration

Mr. Bruce Morrison
Director, Office of Planning
Department of State

Col. William Nations
Director, IRM
Joint Staff, Department of Defense

Dr. John L. Okay
Acting Director, Office of
Information Resources
Management
Department of Agriculture

Mr. Reed Phillips
Director, Office of Information
Resources Management
Department of Commerce

Mr. Robert Ray
Chief of ADP Acquisition
Department of the Interior

Mr. Franklin S. Reeder
Chief, Information Policy
Branch
Office of Management & Budget

Mr. John E. Roby
Chief, Systems Operations Division
Defense Logistics Agency

Ms. Jane Sullivan
Acting Director, Office of
Information Resources Management
Department of the Treasury

Mr. Donald Upton
Industry Liaison
Internal Revenue Service
Department of the Treasury

Mr. Robert J. Woods
Director, Office of Information
Resources Management
Department of Transportation



the computer software and services industry association

Federal Information Systems Integration Committee

1300 N. 17th Street

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Arlington, VA 22209

Telephone: (703) 522-5055

Facsimile: (703) 525-2279

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120122

FROM: BECKLER, DAVID Z.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/18/91

SUBJECT: MEETING OF FEBRUARY 22-24

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

meeting
A- invite ~~meeting~~

DATE RECEIVED: 01/19/91

FILE: SCIENCE ADVISORS

27

CARNEGIE COMMISSION ON SCIENCE, TECHNOLOGY, AND GOVERNMENT

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H. GUYFORD STEVER
SHEILA E. WIDNALL
JEROME B. WIESNER

January 15, 1991

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

Dear Dr. Bromley:

In connection with the upcoming meeting of science advisors to heads of governments on February 22-24, we are pleased to enclose a copy of the recently published book edited by William T. Golden, *Worldwide Science and Technology Advice to the Highest Levels of Governments*.

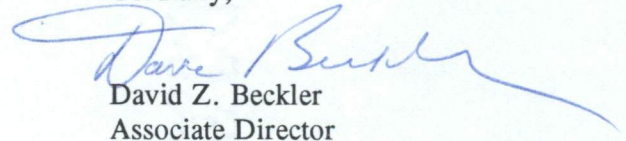
We have received an inquiry from one participant concerning advance preparation for the meeting, and although the agenda will be decided at the opening session, we have suggested that they have in mind priority subjects for discussion. We have informed the attendees of the subjects suggested by you in your letter to Joshua Lederberg and William T. Golden.

Dr. Filippo Pandolfi thought your suggestions excellent and would only add that of the appropriate forms of science and technology cooperation, now that almost all possible participants are committed both to international cooperation in science and technology, and to a market economy, as far as the exploitation of research results is concerned.

Also enclosed is a copy of the revised meeting schedule.

Would you like us to make any travel arrangements for you either to or from the Center? Please notify me or my administrative assistant, Dolores Locascio, if you have any questions or further comments.

Cordially,


David Z. Beckler
Associate Director

Enclosures (2)

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FACT SHEET

**INFORMAL MEETING OF SCIENCE ADVISORS
TO HEADS OF GOVERNMENT**

Seven Springs Center Main House
Mount Kisco, New York
February 22-24, 1991

Tentative Schedule:

Friday, February 22

Arrival	4-6 PM
Reception	5-6 PM
Dinner	6 PM

Saturday, February 23

Breakfast	7:45-8:30 AM
Meeting	9-1*
Lunch	1:15-2:30 PM
Meeting	2:30-4
Relaxation	4-6
Cocktails	6-7
Dinner	7 PM

Sunday, February 24

Breakfast	7:45-8:30 AM
Meeting	9-1*
Lunch	1:15-2:30 PM
Meeting	2:30-4 Adjournment
Departure	4 PM

Telephone number: (914) 241-1880

FAX number: (914) 241-1907

All rooms have private baths.

The indoor swimming pool will be open for those who wish to swim.

Walking trails are indicated on the enclosed brochure.

Probable temperature range: 44° — 26° Fahrenheit (Average 35°F)

Dress: Casual

Administrative and secretarial support will be available throughout the meeting by David Z. Beckler and Dolores Locascio.

*Revised 1/14/91