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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: 62017
Folder ID Number: 62017-007

Folder Title:
Invitations: Speech (2) [2 of 6] [1991]

Stack:

Row:

Section:

Shelf:

Position:

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"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9125164

ORIGINATOR: 02

SPEECH: YES NO

FROM: STEPHENSON, Roger W.: CITIZENS TO PRESERVE FLORIDA

DATE OF EVENT: 02/01/91 THRU: 02/02/91
TENTATIVE DATES:

LOCATION OF EVENT: TALLAHASSEE, FLORIDA

TIME OF EVENT:

SUBJECT: INVITATION TO ADDRESS FORUM PARTICIPANTS IN ONE OF
SEVERAL PLENARY SESSIONS AND WORKSHOPS ON SOLUTIONS
TO CURBING GREENHOUSE GAS EMISSIONS.

RSVP: 12/30/91

CONTACT PERSON: CAROLE FLORMAN

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO: ENVIRONMENT

REMARKS:

CLOSED

DATE OF LETTER: 12/05/91

DATE RECEIVED: 12/19/91

FILE: P-INVITATION-SPEECH

THE WHITE HOUSE
WASHINGTON

January 7, 1992

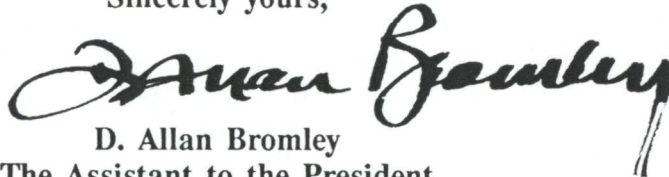
Dear Mr. Stephenson:

Thank you for your letter of December 5 inviting me to address the Leadership Forum scheduled for February 1 and 2 in Tallahassee, Florida. I apologize for the much belated response.

Because we are very adamant about preserving the environment, I would have liked to contribute to your organization's efforts to this end. However, the next few months are extremely busy and not a good time for me to be away from Washington so I must regretfully decline your invitation.

Thank you for thinking of me and let me offer my best wishes in your efforts to pursue the problem of global warming.

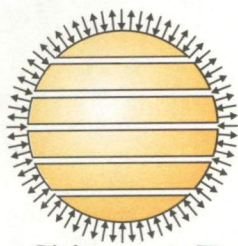
Sincerely yours,

A handwritten signature in black ink, reading "D. Allan Bromley". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

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

Mr. Roger W. Stephenson
Executive Director
Citizens to Preserve Florida
412 Northeast Third Avenue
Fort Lauderdale, Florida 33301

5164I



**Citizens to
Preserve Florida**
Global Warming Education Project

RECEIVED

91 DEC 19 P 1: 22

OSTP
MAIL ROOM

412 Northeast Third Avenue
Fort Lauderdale, Florida 33301
(305) 763-8007
Fax (305) 763-8009

Honorary Chair
Governor Lawton Chiles

Honorary Co-Chair
Nathaniel Pryor Reed

Regional Co-Chairs
*Wendy Hale
Arsenio Milian
James F. Murley*

Director
Carole Florman

Steering Committee
*Diane Barile
Monte Belote
Richard Berube
Lee Bidgood, Jr.
John O. Blackburn
Brion Blackwelder
Beth Ann Brick
Robert H. Buesing
Susan Caplowe
Michael Decker
Eric Draper
Kerry Dressler
Susan Dudley
Virginia Edens
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Athan Manuel
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Marty Rogol
Scott Sokol
Sally Thompson
Patty Webster
Anne Whitfield
Bernie Windham*

Staff
*Amy Creekmur
Maribeth Healey
Pam Jennelle
Debbie Silvey
Dan Walter*

December 5, 1992

D. Allan Bromley
Assistant to the President for Science & Technology
Office of Science & Technology OEOB
17th Street & Pennsylvania Ave, NW
Washington, D.C. 20006

Dear Mr. Bromley:

Citizens to Preserve Florida is holding a Leadership Forum on global warming on Saturday and Sunday, February 1 and 2, 1992 in Tallahassee, Florida. This forum is cosponsored by the Florida League of Women Voters, Citizens to Preserve Florida, and Florida State University.

We wish to invite you to address forum participants that weekend, in one of several plenary sessions and workshops, on solutions to curbing greenhouse gas emissions.

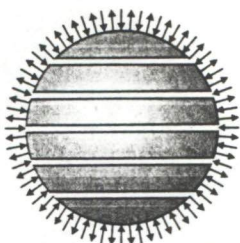
The goal of the forum is to address global warming from policy perspectives, and offer the public a variety of important policy solutions designed to curb global warming. Selected topics include, but are not limited to, transportation, industrial energy use, residential and commercial electricity demands, agriculture and deforestation, and limiting CFCs.

Governor Lawton Chiles, members of our national and state steering committees, and the President of Florida State University have invited President Bush and all announced presidential candidates to speak. Each candidate will have an opportunity to describe ideas and present prescriptions for necessary changes in energy use and policies.

The public pays attention to global issues in a presidential election year, thus the Global Warming Leadership Forum is a unique opportunity for the Florida and national public to hear leading policymakers, energy experts, and specialists in climate change discuss energy actions at the local, regional and international levels.

Please consider participating in this important event. Travel and lodging expenses for conference speakers and panelists will be paid for by Citizens to Preserve Florida. For our organizing purposes, please respond to Carole Florman or her assistant, Debbie Silvey before December 31.

Sincerely,
Roger Stephenson
Roger W. Stephenson
Executive Committee



**Citizens to
Preserve Florida**
Global Warming Education Project

412 Northeast Third Avenue
Fort Lauderdale, Florida 33301
(305) 763-8007
Fax (305) 763-8009

GLOBAL WARMING EDUCATION PROJECT FACT SHEET

Honorary Chair
Governor Lawton Chiles

Regional Co-Chairs
Wendy Hale
Arsenio Milian
James F. Murley

Director
Carole Florman

Florida At Risk

Global warming, the increase in average temperature on earth, is caused by "infrared trapping" of gases such as carbon dioxide, chloroflorocarbons, methane, nitrous oxide, water vapor and ozone in the outer atmosphere.

Without these infrared trapping gases acting like a greenhouse roof, the earth's average temperature would be -32° F, and life as we know it would not exist. Emissions resulting from human activities are substantially increasing the atmospheric concentration of the greenhouse gases, which could lead to disastrous changes in our planet's fragile environment.

According to the National Climatic Data Center at the National Oceanic and Atmospheric Administration (NOAA), 1990 was Florida's hottest year on record, and January - September 1991 was the second hottest period.

If this trend continues, as many scientists predict that it will, it could vastly change the Florida that we now enjoy. Relentless heatwaves, eroded beaches, contaminated drinking water and more severe hurricanes are just a few of the possible consequences of global warming.

The Global Warming Education Project

Citizens to Preserve Florida Global Warming Education Project is a statewide effort designed to educate the press, public and opinion makers about the immediate and long-term effects of global warming on Florida and our way of life.

The goal is to make a strong connection between the crises of global warming and the steps that individuals, as well as state, local, federal and international governments and organizations can take to solve this problem.

Over the next several months, this project will translate the larger concept of global warming into individual action agendas, to personalize the issue for the public.

The project will consist of two parallel efforts - grassroots outreach and media education. The grassroots effort will engage members of the environmental community, civic and religious organizations, schools and youth organizations in a public awareness effort. A primary focus of the grassroots effort will be the planning of Global Warming Awareness Week events.

The media education campaign will consist of weekly media briefings on facets of the global warming problem which will be distributed to the Florida media. Video news releases on each topic will be produced and made available via satellite. Local and national experts will be available for interviews in conjunction with the briefings.

Other activities will include a statewide media tour of national and international experts, special briefings for meteorologists, and editorial board meetings.

Global Warming Awareness Week

Global Warming Awareness Week, December 8-14, 1991, is a week long series of events designed to educate and involve the public in an effort to stop global warming. Events will be planned and organized locally, and each will represent the concerns of the community in which they are held. Citizen hearings, workshops, lightbulb trade-ins, tree planting projects and beach erosion events are types of events that might take place.

Business, government and the media will be encouraged to participate in global warming week in a variety of ways.

Global Warming Video

A twelve minute video developed by Citizens to Preserve Florida dramatically and graphically shows the short- and long-term problems caused to Florida by global warming. The video will link existing environmental problems such as the Everglades and water quality to global warming, and personalizes the issue to Floridians.

It will be used as an educational tool with elected officials, business leaders, civic groups and activists. The video will be delivered to state and local elected officials throughout Florida.

Action Plan

At the family and individual level: Homes can be made far more efficient and save money on their monthly utility bills. Improved lighting, insulation, more efficient appliance and other home improvements can contribute to a more efficient home.

At the local level: Tree planting can reduce the need for air conditioning. Revised building codes can improve the efficiency of new homes. Transportation planning can reduce the number of vehicle miles travelled. Methane (the second most important greenhouse gas) can be captured before it is emitted from landfills.

At the state level: Many opportunities are available at the state level to reduce the emissions of greenhouse gases by changes in state energy policy. Changes in the way utilities are regulated is the key. Today utilities are primarily rewarded for selling electricity. Now state public service commissions are putting in place rewards for conserving electricity, generally called demand side management programs. The state of Florida can use its purchasing power to create markets for new products including the state automobile fleet.

At the national level: The United States should adopt policies to limit its greenhouse gas emissions including carbon dioxide. Many methods to reduce carbon dioxide are available. Those methods and options which are the least expensive should be used first. Numerous studies (National Academy of Scientists, Office of Technology Assessment) have confirmed that there are many policies which can be implemented at little or no cost or even a profit. The EPA Green Lights program to improve the efficiency of commercial lighting is an example.

At the international level: The United States should sign and negotiate a climate change treaty to be concluded this spring. As a part of that treaty industrialized countries should agree to stabilize greenhouse gas emissions, most importantly, carbon dioxide, the major greenhouse gas. Emissions should be stabilized at 1990 levels by the year 2000. Industrialized countries should also be prepared to provide financial assistance to developing countries to support the projects aimed at reducing greenhouse gas emissions.

BACKGROUND ON CLIMATE TREATY NEGOTIATIONS

Last fall the United Nation established an autonomous Intergovernmental negotiating Committee for a frame work convention on global climate change (INC). The General Assembly resolution establishing the INC charged the Committee to negotiate an "effective" treaty on climate change containing "appropriate commitments" and any related legal instruments as "might be agreed upon," by the June 1992 UN Conference on Environment and Development in Rio de Janeiro. Well over 100 countries have thus far participated in the negotiations.

The first session of the INC took place February 4-14, 1991 in Washington, D.C. That meeting was limited to the election of the Chairman (Jean Ripert of France) and vice-chairs, adoption of rules of procedure, guidelines for the negotiations and the organization of two working groups and their terms of reference.

The second session of the INC was held in Geneva, Switzerland, from June 19-28, 1991. The first part of the meeting completed organizational matters. After intense consultations among the various regional groupings, a unique compromise was struck providing for the election of co-chairs of the Working Groups. Japan and Mexico were elected as co-chairs for Working Group I and Canada and Vanuatu, a key participant in the cross-regional Association of Small Island States (AOSIS), was considered a significant recognition of the special plight of such states in relation to climate change. In sum, Working Group I agreed to a further consolidation of proposals relating to CO₂ reduction commitments but stopped short of negotiating actual text. Working Group II progressed further in that its co-chairs were asked to prepare a single treaty text based on proposals made by governments on subjects within its mandate for the next INC session.

The third session of the INC took place in Nairobi, Kenya, September 9-20, 1991. At this meeting actual negotiations on what might go into a convention began in earnest. Working Group I had before it a consolidation of proposals along with a personal text by the co-chairs on general principles and commitments relating to sources and sinks. Working Group II discussed an actual draft text relating to research, monitoring and information exchange, compliance and review, institutional structure for the convention and the nuts and bolts relating to the treaty's operation. No negotiating text of a convention emerged from Nairobi. Two dominant themes did emerge, however. First, The United States was isolated from the other industrialized countries in continuing to oppose any specific targets and timetables limiting CO₂ and other greenhouse gas emissions by the end of the century and dropped their proposal of the so-called "pledge and review" concept whereby countries would assume voluntary commitments in lieu of treaty obligations to limit greenhouse gases. Many observers find the absolute unwillingness of the US to commit to any specific limits on greenhouse gas emissions, in particular CO₂, as one of the most important, if not the most important stumbling block to successful conclusion of the negotiations. Secondly, it is clear that only a handful of European countries and AOSIS are actually calling for serious cuts in CO₂ under the convention beyond stabilization of CO₂. The Climate Action Network

has called for at least a 20% reduction in energy related CO₂ emissions below 1988 levels by the year 2000 by industrialized country members of the Organization for Economic Cooperation and Development (OECD).

The fourth session of the INC is scheduled for Geneva, December 9-20, 1991 with a fifth session scheduled for New York, February 18-28, 1992. The intent is that the December session finally produce a draft convention with the New York session designed to hammer out final agreement in time for Rio, and the June 1992 Earth Summit.

For further information contact:

Scott A. Hajost
International Counsel
Environmental Defense Fund
(202) 387-3500

Tallahassee Democrat/Wed., Oct. 16, 1991

LOCAL/STATE

Coalition calls attention to global warming

By Julie Hauserman
Democrat staff writer

A coalition of environmentalists, with Gov. Lawton Chiles as its honorary chairman, will kick off a campaign today in Tallahassee to make global warming a hot issue in the Sunshine State.

If what scientists say about global warming is true — that increasing levels of carbon dioxide trapped in the atmosphere will cause rising temperatures and sea levels — then Florida has more to lose than any other state, said members of the new coalition, called Citizens to Preserve Florida.

The coalition wants to make global warming an issue in the 1992 presidential campaign, much like New Hampshire activists made acid rain an issue in the 1984 campaign.

"The stakes in Florida are as high as anywhere in the earth," said Nathaniel Reed of Jupiter. Reed was an assistant secretary in the U.S. Interior Department under presidents Nixon and Ford and is head of 1,000 Friends of Florida, an environmental group involved in the new coalition.

If the earth warms enough to cause sea levels to rise, Reed said, "Florida disappears."

"I just think it is better to be safe than sorry, and start taking precautions now," Reed said.

Reed and other members of the coalition say that even if the dire scientific predictions don't prove true, it makes sense to cut our dependence on fossil fuels — the biggest culprit in global warming.

Cash-strapped Florida would do well to cut its energy bill, and a grass-roots push for more fuel-efficient cars could cut our dependence on foreign fuel, they say.

"These are all things that will help other problems anyway, like reducing smog," said Carole Florman, the group's director.

After its 10 a.m. kickoff today on the Old Capitol steps, the Citizens to Preserve Florida plan to tour civic groups, hold a global-warming awareness week in December, and a global-warming forum at Florida State University in February.

Campaign against global warming begins

Daytona News-Journal 10/25/91

By DENISE O'TOOLE

DAYTONA BEACH SHORES — Pam Jennelle stood at the podium holding a compact fluorescent light bulb.

"It's not just a light bulb; it's also a political statement," she said to reporters, mayors and environmental activists gathered at the Daytona Beach Hilton on Thursday for the local kickoff of a statewide global warming education campaign.

Ms. Janelle, spokesman for a coalition called Citizens to Preserve Florida, said fluorescent bulbs are more energy efficient than conventional incandescent bulbs. As her conventional bulbs burn out, she replaces them with the new ones. Then, she said, she writes to lawmakers to let them know why she did it and to encourage them to do the same on a grander scale to combat the so-called "greenhouse effect."

Greenhouse gases are those that trap heat in the earth's atmosphere. Most, including carbon dioxide, are produced primarily by the burning of fossil fuels. Therefore, energy conservation is believed to be one key to controlling global warming.

The education project is designed to motivate individual citizens to follow examples like the one set by Ms. Janelle, according to the panel of speakers. "Citizens," an outgrowth of American Horizons, hopes the Florida pilot program

will lead to national change.

Reporters and editors throughout the state will receive a series of reports on various aspects of the problem. Community-based events will be staged, especially during Global Warming Awareness Week, Dec. 8-14. All presidential candidates from both major political parties will be invited to a forum on the subject in January at Florida State University in Tallahassee.

Florida was selected as the starting point because it is especially vulnerable to some of the predicted effects of global warming, including a rise in sea level and more frequent and intense storms, said Wendy Hale, regional co-chairman

of the campaign and a spokesman for the Florida Audubon Society.

She urged listeners to look for ways to conserve energy, from driving more fuel-efficient cars to installing solar water heaters.

"Individuals can insist that elected officials develop a public energy policy based on conservation and renewable, non-polluting energy sources," she said.

The scientific community is not unanimous in its forecasts of the possible consequences of global warming. Ms. Hale predicted some lobbyists and lawmakers will use that and the sluggish economy as reasons to stall energy-conservation mandates.

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9125182

ORIGINATOR: 02

SPEECH: YES NO

FROM: WEBB, Alexander: FIDELITY MANAGEMENT TRUST COMPANY

DATE OF EVENT: 05/08/92 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: WILLARD INTERCONTINENTAL HOTEL

TIME OF EVENT: 12:00 P.M.-1:30 P.M.

SUBJECT: AN INVITATION TO BE THE KEYNOTE SPEAKER AT THEIR
LUNCHEON CONFERENCE ENTITLED "1992 AND BEYOND: A
RETURN TO A DOMESTIC AGENDA?".

RSVP: 01/03/92

CONTACT PERSON: WALDRON, Gene

CONTACT NUMBER: 617-570-6161

INVITATION ACCEPTED?

~~YES~~

NO

COPIES TO: Steve Olson

REMARKS:

CLOSED

DATE OF LETTER: 12/04/91

DATE RECEIVED: 12/20/91

FILE: P-INVITATION-SPEECH

5182 INV

FIDELITY MANAGEMENT TRUST COMPANY

RECEIVED

91 DEC 20 PM 12:22

Alexander Webb, III
President

December 4, 1991

POST
MAIL ROOM

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology
Old Executive Office Building, Room 358
725 17th Street, N.W.
Washington, D.C. 20006

Dear Dr. Bromley:

Fidelity Management Trust Company acts as an investment advisor to a cross section of the nation's major corporate and public retirement plans as well as a variety of substantial endowments, foundations and other entities. We regularly sponsor a Washington-based conference for our clients' senior representatives and would be honored to have you be our luncheon speaker on Friday, May 8th, at 12:00 noon.

The theme for this year's conference is:

1992 AND BEYOND: A RETURN TO A DOMESTIC AGENDA?

Your views on the nation's competitive position in what seems to be an accelerating global technology race will be especially interesting and timely. Since our sessions are rather small--usually less than 75 people--we hope that you can gain from the forum as well. We encourage active discussion with our participants.

The details of our conference are listed below:

TIME: Wednesday, May 6th to Friday, May 8th

PLACE: Willard Intercontinental Hotel
1401 Pennsylvania Avenue, N.W.
Washington, D.C.

The time we have scheduled for your comments is 12:00 - 1:30 P. M. on Friday, May 8th. Recognizing the tremendous demands on your time, however, we can adjust our schedule to match your availability. We will be delighted to absorb your travel expenses if necessary and, given recent legislative changes, would like to make a donation to a charity of your choice.

We welcome your participation in our conference and sincerely hope you will be able to attend. Please contact me or my Associate, Gene Waldron, at 617-570-6161, at your earliest convenience regarding your availability.

Sincerely,

Alexander Webb, III

THE WHITE HOUSE
WASHINGTON

January 7, 1992

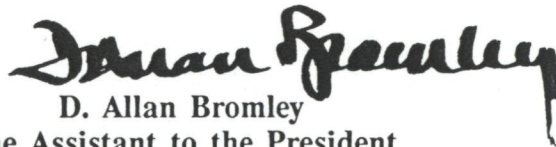
Dear Mr. Webb:

Thank you for your letter of December 4 inviting me to address Fidelity Management Trust's conference for your clients' senior representatives scheduled for May 8 here in Washington, D.C. I apologize for the much belated response.

As much as I would like to join you, I have a long-standing commitment on that date so I must regretfully decline.

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

Sincerely yours,

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

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

Mr. Alexander Webb, III
President
Fidelity Management Trust Company
82 Devonshire Street
Boston, Massachusetts 02109

5182 INV

FIDELITY MANAGEMENT TRUST COMPANY

RECEIVED

91 DEC 20 PM 2: 22

Alexander Webb, III
President

December 4, 1991

OSTP
MAIL ROOM

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology
Old Executive Office Building, Room 358
725 17th Street, N.W.
Washington, D.C. 20006

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We welcome your participation in our conference and sincerely hope you will be able to attend. Please contact me or my Associate, Gene Waldron, at 617-570-6161, at your earliest convenience regarding your availability.

Sincerely,

Alexander Webb III

"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9125043

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: WEATHERS, Marjorie J.: THE WORLD SPACE CONGRESS

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 12/02/91

SUBJECT: RE: A SUBSTITUTE LETTER FOR THE VERSION DATED
11/19/91 WHICH CONTAINED AN ERROR IN THE SALUTATION.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

SENDER'S DUE DATE: 12/15/91
OSTP DUE DATE: 12/15/91 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
DIRECTOR'S OFFICE

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS: THIS LETTER REFERS TO DOCUMENT #9124921.

OSTP RECEIVED: 12/06/91 DEPT RECEIVED:
FILE: B-INVITATION-SPEECH
CENTRAL FILES:



THE WORLD SPACE CONGRESS

WASHINGTON, DC • 28 AUGUST - 5 SEPTEMBER 1992

29th Plenary Meeting of the Committee on Space Research, COSPAR
43rd Congress of the International Astronautical Federation, IAF

UNDER THE AUSPICES OF THE US NATIONAL ACADEMY OF SCIENCES, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AND AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

RECEIVED
91 DEC 8 AID: 29
OSTP
MAIL ROOM

December 2, 1991

Dr. D. Allan Bromley
Science Advisor to the President
Director, Office of Science and Technology Policy
Old Executive Office Building #358
Washington, DC 20506

Dear Dr. Bromley:

Please substitute the enclosed letter for the November 19th version which contained an error in the salutation.

Thank you.

Sincerely,

Marjorie J. Weathers
Coordinator, International Programs

Enclosure



THE WORLD SPACE CONGRESS

WASHINGTON, DC • 28 AUGUST - 5 SEPTEMBER 1992

29th Plenary Meeting of the Committee on Space Research • COSPAR
43rd Congress of the International Astronautical Federation • IAF

UNDER THE AUSPICES OF THE US NATIONAL ACADEMY OF SCIENCES, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AND AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

November 19, 1991

Dr. D. Allan Bromley
Science Advisor to the President
Director, Office of Science and Technology Policy
Old Executive Office Building #358
Washington, DC 20506

Dear Allan:

You have kindly agreed to help us secure the presence of the President in the Inaugural Ceremony of the World Space Congress, and we are most grateful. Although we know that we are not going to get an answer for several months, we would like to indicate in our third announcement of the Congress that he has been invited and print his photograph, which we will need by December 15. Could we ask you to get us such a photograph?

I would also like to invite you to make some brief remarks at the Inaugural Ceremony and introduce Dr. Boorstin, who will give the keynote address on the philosophy of exploration and discovery. We need by December 15th the following from you:

1. A black and white glossy photograph, head and shoulders, any size.
2. The way you would like to be listed; i.e., your name and title.
3. A short biography.
4. Your preferred address, telephone, and fax.

Again, we are delighted to have your participation.

Sincerely,

Herbert Friedman
Co-Chairman, Joint International
Program Committee

ORGANIZED BY THE

American Institute of Aeronautics and Astronautics • The Aerospace Center •

370 L'Enfant Promenade, SW • Washington, DC 20024-2518 USA • Tel: 202/646-7451 • Fax: 202/646-7508

"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9125103

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: CHENEY, David W.: COUNCIL ON COMPETITIVENESS

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/22/91

SUBJECT: A THANK YOU LETTER TO DR. BROMLEY FOR AGREEING TO
PARTICIPATE IN THE SMITHSONIAN LECTURE SERIES. SOME
DETAILS ABOUT THE LECTURE ARE PROVIDED.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

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

COPIES TO: DIRECTOR'S OFFICE

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

OSTP RECEIVED: 12/13/91
FILE: P-INVITATION-SPEECH

DEPT RECEIVED:

CENTRAL FILES:

5103 I

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Motorola, Inc.

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Northwestern University

Lynn R. Williams
United Steel Workers of America, AFL-CIO, CLC

Steve P. Yokich
United Auto Workers

John A. Young
Hewlett-Packard Company

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Kent H. Hughes

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Engineers - U.S. Activities

Council on Competitiveness

November 22, 1991

91 DEC 13 AM 1:09

The Honorable D. Allan Bromley
Assistant to the President for
Science and Technology
The Old Executive Office Building
17th and Pennsylvania Avenue, NW
Washington, DC 20606

Dear Dr. Bromley:

I am writing to follow up on the Council on Competitiveness - Smithsonian lecture series and to thank you for agreeing to participate in this series. We are very pleased with the way the program has come together. As you can see from the enclosed flyer, you are part of an excellent group of speakers, and it should be an interesting series of discussions. We are working to publicize the series, and are anticipating a good attendance.

We are interested in using the course to educate broader audiences about America's competitiveness challenges, and are looking into preparing a videotape and/or monograph based on the series. We will need your permission to use materials from your session and will send you a permission form at a later date. Please let us know, however, if you have any objections to this.

The Smithsonian Institution will be sending an audiovisual request form and other materials to you in the next few weeks. A few weeks before your lecture, we will contact you again with more details about the audience, possible questions, and logistics. In the meantime, if you have any questions or if we can be of any help, please do not hesitate to call me or Andree Dumermuth at (202) 785-3990.

Sincerely,

David Cheney
David W. Cheney
Senior Associate

Enclosure

900 17TH Street, NW • Suite 1050 • Washington, DC 20006
(202) 785-3990 • FAX (202) 785-3998



Competitiveness and America's Future

David W. Cheney, Coordinator/Moderator

Cosponsored with the Council on Competitiveness

Americans have learned the hard way that "business as usual" is not enough if we are to remain competitive in world markets. In this timely course, distinguished practitioners and theoreticians debate American strengths and weaknesses in world trade and offer solutions to the competitiveness challenge.

• Jan. 13 *Competitiveness and the American Dream: Life, Liberty and the Pursuit of Happiness*—Kent Hughes, president, Council on Competitiveness, and Clyde Prestowitz, author of *Trading Places*.

• Jan. 27 *Dispatches from the Front Lines*—Rick Younts, senior vice president, Motorola, Inc., and Chris Wada, senior vice president, Sony Corporation of America.

• Feb. 3 *American Culture and Competitiveness*—James Fallows, Washington editor of *The Atlantic Monthly* and author of *More Like Us: Making America Great Again*.

• Feb. 10 *Competitiveness by Design*—Arnold Wasserman, dean of art and design, Pratt Institute.

• Feb. 24 *Competitiveness and the Environment: Conflict or Synergism?* Gus Speth, president, World Resources Institute, and Dave Buzzelli, vice president for environment, health and safety, DOW Chemical Company.

• March 2 *Critical Technologies: Priorities for the Future*—Erich Bloch, distinguished fellow, Council on Competitiveness, and D. Allen Bromley, assistant to the President for Science and Technology.

• March 9 *Educating Tomorrow's Workforce*—Ira Magaziner, president, SJS, Inc.

• March 16 *The Politics of Competitiveness*—Geoffrey Garin, Democratic pollster; Linda DiVall, Republican pollster; and C. Fred Bergsten, director, Institute for International Economics.

David W. Cheney is a senior associate at the Council on Competitiveness.

(Code: 390-511) Mon., 8 p.m. (1 1/2 hours)

Jan. 13 through March 16 (8 sessions)

Members—\$91; Nonmembers—131

No class Jan. 20 and Feb. 17.

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Activity Title	Code	Member Tickets	Nonmember Tickets	Senior Member Tickets	Total Number of Tickets	Total Price
Competitiveness	390-511					

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"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9125034

ORIGINATOR: 02

SPEECH: YES NO

FROM: McDOUGALL, Gordon A.: UNIVERSITY OF ROCHESTER
ALUMNI ASSOCIATION

DATE OF EVENT: 06/06/92 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: UNIVERSITY OF ROCHESTER

TIME OF EVENT:

SUBJECT: A FOLLOW UP LETTER TO SHIRLEY BRIGNALL'S PHONE CALL
TO DR. BROMLEY REGARDING HIS PARTICIPATION IN THE
UNIVERSITY'S REUNION. THIS IS THE FORMAL INVITATION
TO DELIVER THE FOURTH ANNUAL "LECTURE OF
DISTINCTION".

RSVP: 12/20/91

CONTACT PERSON: FARRELL, Thomas J.

CONTACT NUMBER: 716-275-3684

INVITATION ACCEPTED?

YES

~~NO~~

COPIES TO: Steve Olson

REMARKS: THOMAS FARRELL WILL BE CONTACTING DR. BROMLEY SOME TIME
THIS WEEK.

CLOSED

DATE OF LETTER: 11/27/91

DATE RECEIVED: 12/06/91

FILE: B- INVITATION-SPEECH

Pres

5034

UNIVERSITY OF
ROCHESTER
ALUMNI
ASSOCIATION

RECEIVED

91 DEC 6 AIO: 30

OSTP
MAIL ROOM

November 27, 1991

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

Dear Dr. Bromley,

Shirley Brignall from Professor Paul F. Slattery's office at the University of Rochester's Physics Department called you recently to discuss your availability to speak at the University's 1992 Reunion, Saturday, June 6, 1992. I am writing to follow-up on Shirley's call and to formally invite you to participate by giving the University's fourth annual "Lecture of Distinction."

The "Lecture of Distinction" was instituted three years ago. It is given by a prominent alumna/us and follows the President's State of the University Address. Typically, 300-400 alumni are in attendance. Our 1991 presenter was Harvard Law School Professor Arthur R. Miller '56. We would be honored if you would accept and help us continue this prestigious tradition.

A member of our staff, Thomas J. Farrell, will contact you next week. We are very excited about the prospect of your participation and eagerly await your positive response.

Yours for Rochester,

Gordon

Gordon A. McDougall
Executive Director

*... serving alumni
and the University
since 1853.*

Fairbank Alumni House
University of Rochester
Rochester, New York 14627
(716) 275-3684

THE WHITE HOUSE
WASHINGTON

December 18, 1991

Dear Mr. McDougall:

Many thanks for your letter of November 27 in which you formalize Shirley Brignall's invitation to address the University's 1992 reunion on Saturday, June 6, 1992.

Subject to the usual caveat that my schedule is at the demand of the President, I do indeed look forward to joining you on June 6 at will be honored to present the University's Fourth Annual "Lecture of Distinction."

Sincerely yours,

D. Allan Bromley

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

Mr. Gordan A. McDougall
Executive Director
The University of Rochester
Alumni Association
Fairbank Alumni House
Rochester, New York 14627

Dear Shirley:
Hope you have a
wonderful Christmas and
the best of New Year. Hope
to see you long before
then.
Love
Allan

"Document Control"

TYPE: INFORMATION
ORIGINATOR: 02

DOCUMENT NUMBER
DIF

125103
STATUS

FROM: CHENEY, David W.: COUNCIL ON COMPETITIVENESS

TO: DR. D.A. BROMLEY

*Steve
for 3/2
speech.
M*

DATE OF
CORRESPONDENCE: 11/22/91

SUBJECT: A THANK YOU LETTER TO DR. BROMLEY FOR AGREEING TO
PARTICIPATE IN THE SMITHSONIAN LECTURE SERIES. SOME
DETAILS ABOUT THE LECTURE ARE PROVIDED.

DIRECTORATE STAFF
ASSIGNED: ASSIGNED:

ACTION STAFF
REQUIRED: ACTION:

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

COPIES TO: DIRECTOR'S OFFICE

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

OSTP RECEIVED: 12/13/91 DEPT RECEIVED:
FILE: P-INVITATION-SPEECH
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The Association for Manufacturing Technology
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Engineers - U.S. Activities

Council on Competitiveness

November 22, 1991
RECEIVED

91 DEC 13 AM 1:09

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Assistant to the President for
Science and Technology
The Old Executive Office Building
17th and Pennsylvania Avenue, NW
Washington, DC 20606

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Sincerely,

David W. Cheney
David W. Cheney
Senior Associate

Enclosure



Competitiveness and America's Future

David W. Cheney, Coordinator/Moderator

Cosponsored with the Council on Competitiveness

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• Feb. 24 *Competitiveness and the Environment: Conflict or Synergism?* Gus Speth, president, World Resources Institute, and Dave Buzzelli, vice president for environment, health and safety, DOW Chemical Company.

• March 2 *Critical Technologies: Priorities for the Future*—Erich Bloch, distinguished fellow, Council on Competitiveness, and D. Allen Bromley, assistant to the President for Science and Technology.

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David W. Cheney is a senior associate at the Council on Competitiveness.

(Code: 390-511) Mon., 8 p.m. (1 1/2 hours)

Jan. 13 through March 16 (8 sessions)

Members—\$91; Nonmembers—131

No class Jan. 20 and Feb. 17.

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Competitiveness	390-511					

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Second Name _____ Home Telephone (____) _____

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"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9124924

ORIGINATOR: 02

SPEECH: YES NO

FROM: ROSEN, Sam and KRUEGER, Lester: OHIO STATE
UNIVERSITY

DATE OF EVENT: THRU:
TENTATIVE DATES:

LOCATION OF EVENT:

TIME OF EVENT:

SUBJECT: AN INVITATION TO DR. BROMLEY TO SPEAK AT THEIR FIRST
REGIONAL MEETING, AND AN INVITATION TO ATTEND THE
"AMERAFLORA" EXPOSITION IN COLUMBUS OHIO.

RSVP: 12/13/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO: Steve Olson

REMARKS:

CLOSED

DATE OF LETTER: 11/21/91

DATE RECEIVED: 11/29/91

FILE: P-INVITATION-SPEECH



Sam Rosen
College of Dentistry

4424
Postle Hall
305 West 12th Avenue
Columbus, OH 43210-1241

RECEIVED

91 NOV 29 A10:51

OSTP
MAIL ROOM

November 21, 1991

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

Dear Dr. Bromley:

The North Central Region of Sigma Xi is having its first ever Regional Meeting on August 21-23, 1992. We would like you to address our group on the topic, "Interaction of Science and Technology with the Public". Your talk would be advertised and be open to the community at no charge.

The City of Columbus, Ohio, in 1992, is not taking the quincentennial discovery of America lightly. We are having a unique exposition, "Ameriflora" (see enclosed pamphlet) and we would like for you to be our guest for this event.

We hope to receive a favorable reply.

Sincerely,

Sam Rosen, Ph.D.
Professor/Oral Biology
and Meeting Organizer

Lester Krueger, Ph.D.
President, Ohio State University
Chapter of Sigma Xi

enclosure

cc: Peggie Hollingsworth, North Central
Regional Director of Sigma Xi

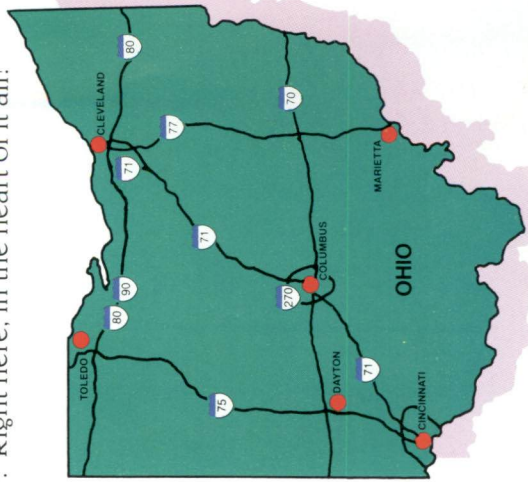


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So when you call 1-800-BUCKEYE for more information on AmeriFlora '92, be sure to ask about all that's happening along the way. Right here, in the heart of it all!



AmeriFlora '92 season tickets are available at \$89 for adults, \$74 for seniors (age 60 and up), and \$39 for children. And, if you purchase season tickets before December 31, 1991, you'll save with **early-bird** discounts! Group rate information is available by calling 1-800-837-1992.

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SPECIAL THANKS TO:

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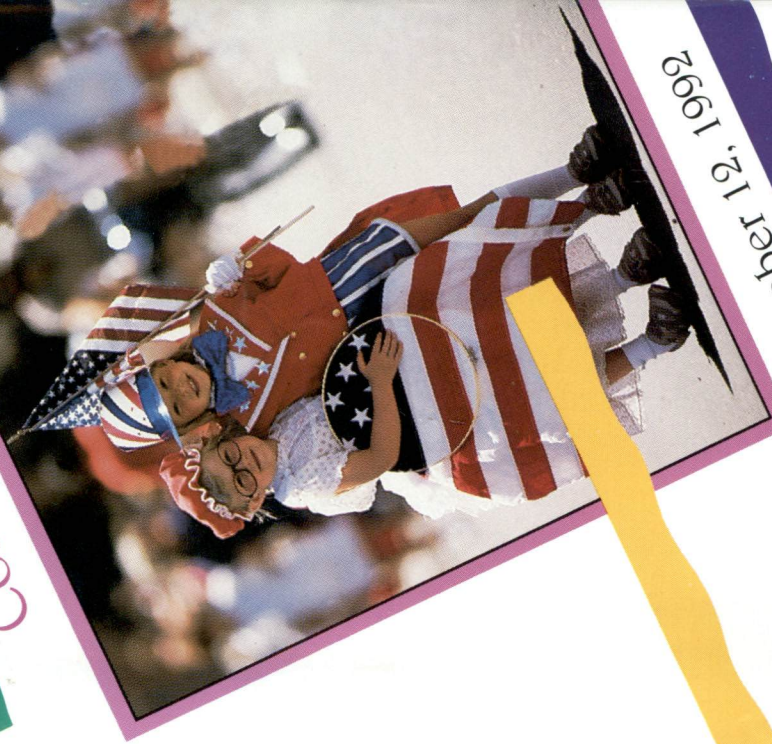
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© 1991, AmeriFlora '92, Columbus, Ohio USA

AMERIFLORA'92
AMERICA'S CELEBRATION OF DISCOVERY
Columbus, Ohio USA

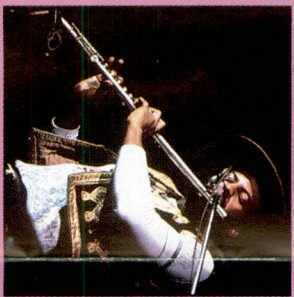
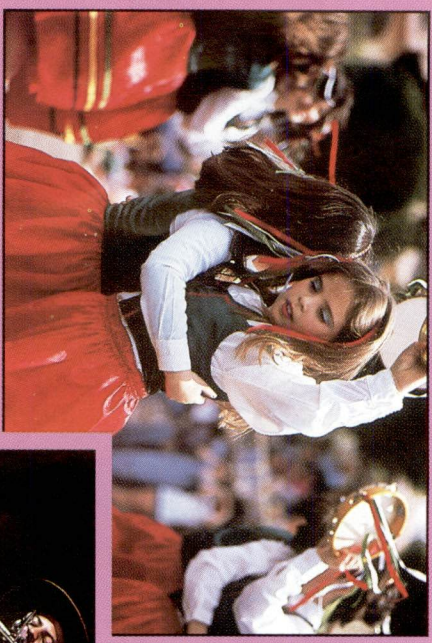


April 20 to October 12, 1992

OHIO
the heart of it all

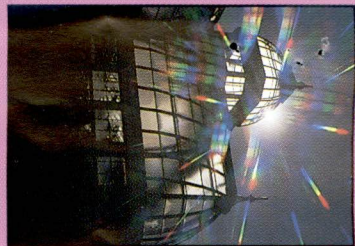
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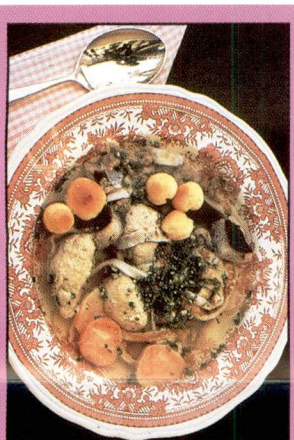
There's so much to see...and much you'll want to see again and again! The glittering **Conservatory**,

where you'll wander through nine distinct climates, with all the sights, sounds and feelings of the land. The Smithsonian's **Seeds of Change** interactive exploration of the links between human and natural history: the audio-visual extravaganza, **I Love This Land**: a wide-screen GM spectacular to rival any film experience ever; wondrous **Playscapes** and a glorious garden maze; **America's Backyard**, a tour through the most original ideas ever for designing your own outdoor living space. And much more.

AHH... THE GARDENS!

The spirit of AmeriFlora '92 blossoms and changes with the seasons. From grand horticultural displays and floral extravaganzas, to garden studies and demonstrations, you'll be amazed at the bounties of the land and the ingenuity of people.

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Before you make plans, make a call to 1-800-BUCKEYE today. You'll see why in the heart of it all, 1-800-BUCKEYE is the start of it all! From Ontario and Quebec Provinces, call toll-free 1-800-533-5222. From all other provinces, call 1-614-462-4947.



THE WHITE HOUSE
WASHINGTON

January 9, 1992

Dear Drs. Rosen and Krueger:

Thank you for your letter of November 21 inviting me to address the Sigma Xi group on **Interaction of Science and Technology with the Public** scheduled for August 21-23 in Columbus, Ohio. My apologies for the much belated response.

As much as I would like to join you, that date is not a good one on my calendar so I must regretfully decline.

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

Sincerely yours,

A handwritten signature in dark ink, reading "D. Allan Bromley". The signature is fluid and cursive, with a long horizontal stroke at the beginning and a small flourish at the end.

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

Drs. Sam Rosen and Lester Krueger
The Ohio State University
Postle Hall
305 West 12th Avenue
Columbus, Ohio 43210-1241

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9124972

ORIGINATOR: 02

SPEECH: YES NO

FROM: ANSELL, George S.: COLORADO SCHOOL OF MINES

DATE OF EVENT: 05/15/92 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: COLORADO SCHOOL OF MINES

TIME OF EVENT: 9:00 A.M.

SUBJECT: AN INVITATION TO DELIVER THE COMMENCEMENT SPEECH AT
THE SPRING GRADUATION CEREMONY.

RSVP: 12/27/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO:

REMARKS:

CLOSED

DATE OF LETTER: 11/20/91

DATE RECEIVED: 12/02/91

FILE: P-INVITATION-SPEECH

Colorado School of Mines
Golden, Colorado 80401-1887
303/273-3280

George S. Ansell
President

4972
RECEIVED

Dec
9, NOV 2 12:00

November 20, 1991

OSTP
MAIL ROOM

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

Dear Dr. Bromley:

The Board of Trustees of Colorado School of Mines is honored to invite you to deliver the annual Commencement address and to receive an honorary doctoral degree at our spring graduation. The ceremony will be held on the campus on Friday, May 15, 1991, starting at 9:00 a.m.

It would be our honor to have you speak and, I believe, a pleasant occasion for you.

I hope that you will be able to accept and look forward to hearing from you.

Sincerely yours,



George S. Ansell

P.S. I enjoyed meeting you and having the opportunity to talk at the anniversary program of materials science at the University of Connecticut several years ago.



"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9124945

ORIGINATOR: 02

SPEECH: YES NO

FROM: WILLIAMS, Ronald E.: INTEL CORPORATION

DATE OF EVENT: 05/05/92

THRU:

TENTATIVE DATES:

LOCATION OF EVENT: NSWC, WHITE OAK, MARYLAND

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

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

RSVP: 12/13/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO:

Steve Olson
PHYSICAL SCIENCES
NATIONAL SECURITY

REMARKS:

DATE OF LETTER:

11/18/91

FILE:

P-INVITATION-SPEECH

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

DATE RECEIVED: 11/27/91

*- Mitchell
12/10/91*

THE WHITE HOUSE

WASHINGTON

December 16, 1991

Dear Mr. Williams:

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

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

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

Sincerely yours,

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

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

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

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



November 18, 1991

4945
RECEIVED

91 NOV 27 A10:18

OSTP
MAIL ROOM

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

Dear Dr. Bromley:

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

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

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

D. Allan Bromley
November 18, 1991
Page two

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Ronald E. Williams", followed by a long horizontal flourish.

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

/cs

cc: Allan Brown

ADPA Science and Engineering Technology Symposium 1992

May 5-6, 1992

Naval Surface Warfare Center

White Oak, Md.

Proposed theme: "Defense Technology in a New Global Perspective"

Concepts, Session Co-Chairs, and Tentative Schedule

Concept: Not since World War II has there been so much change in the world in so short a time, as that which has transformed the Warsaw Pact nations. With these challenges to economic principles formerly governing more than half the world's population must come questioning of formerly rock-solid theories of U.S. national security. Add to this the industrial primacy now enjoyed by Asian nations, and many U.S. national security positions must be re-examined. Is military technological superiority, long seen by the U.S. as its trump card, any more both feasible and meaningful, as U.S. industrial capacity and industrial innovation weaken? Should the U.S. look to highly leveraged, though limited, military actions coupled with clever worldwide negotiation as the basis for its own security? Or will brute strength once more win out, as it has repeatedly over the millennia? It is, clearly, a right time to search for new perspectives.

Tuesday 5 May

0715-0830 Registration

A.M. Session (Co-Chairman, Jim Ball and Walt Beam)

I. Keynote session. Science and Engineering Technology Perspectives

0830 Call to order (Jim Ball, Conference Co-chairman)

Host welcoming statement (Commander, NSWC)

0845 Industrial Perspective: proposed, Norm Augustine or Ray Colladay (Martin-Marietta executive). **Lon Medin** to assist from Orlando.

0925 National Leadership Perspective: OSTP Speaker (Dr. Allen Bromley or Bill Phillips from staff).

1000 Refreshments

1030 National Commerce perspective: Department of Commerce speaker (Deborah Winice-Smith, proposed - Jim Ball to work this)

1105 Congressional Perspective (suggested Sen. Bingaman, Ron Williams to work; possible alternates Rep. Ron Dellums, or staffer D. Killian of HASC or L. Smith of SASC or P. Lenen; get help from ADPA staffer, recently from Congress, Pete Scribner)

1140 Department of Defense Perspectives DoD speaker (Proposed: Messrs. Yockey or Atwood, Ray Siewert to work)

1230 Lunch (NSWC Cafeteria)

P.M. Session (Co-Chairmen, Nat Kovitz and Gary Smith; oversight, Jim Ball)

II. Science and Technology Required for DoD's New Thrusts (Speakers, presumably from OSD, describing technological imperatives inherent or perceived from these new operational applications or directions. Col Jim Butt can identify the thrusts and likely speakers) 1330 Thrust #1 etc. (it is presumed that the seven thrusts will be addressed by fewer than seven speakers; a total of 3.5 hours is available)

1500 Refreshment break

1530 Session continues

1700 Session adjourns

1800 Reception (hotel)

1700 Banquet

After dinner: Chairman of S&ET Division Commentary

Speaker: (Jim Fallows, Ed. of Atlantic Monthly, proposed by Chuck Church; Nat Kovitz' nephew is president of Atlantic Monthly, will help. Other possibilities: Linda Stuntz, Dep. Undersecretary of DoE or Sheri Langenfeld, Asst. Secretary (?) DoE, L. Medina recommended Kerns, undersecretary of Education, from Xerox)

Wednesday, May 6

0700-0800 Registration

A.M. Session (Co-chairmen, Chuck Church and Don McLennon; oversight, Wail Beam)

III. The Defense Science and Engineering Program

Speakers for this session should be from the S&ET organizations of each of the services and DARPA, with a closing perspective and overview by R&AT Director (Ray Siewert or a successor). Where it is feasible, the new thrusts should be identified, so that the Tuesday PM and Wednesday AM sessions are complementary.

0800 Introduction by session co-chairman

0810 Army's Science and Engineering Technology Program

0835 Navy's Science and Engineering Technology Program

0940 Air Force's Science and Engineering Technology Program

1025 Refreshments

1055 DARPA's Program

1140 Overview (OSD speaker)

1230 Lunch (NSWC Cafeteria)

First P.M. Session (Co-Chairmen, Jim Spates and George Briar; oversight, Jim Ball)

IV. Factors in U.S. military technology posture

1330 Introduction by session co-chairman

- 1335 The Global War Game (Bud Hay, Navy War College, Newport RI)
 1405 Critical Technologies and International Competition (speaker from Council on Competitiveness)
 1435 Current DoD S&ET Issues: Skill pool, Lab consolidations, Technology Transfer, future of IR&D. (OSD speaker - try to wrap it up with one speaker, please!)

1505 Refreshments

Second P.M. Session (Co-Chairmen, Lou Medin and Les Cohen; oversight, W. R. Beam)

V. Panel - U.S. Technology Base Dynamics

Introduction by conference co-chairman and/or panel moderator)

1530 Panel of three, plus a moderator. The experts (collectively) must be steeped in DoD S&ET tradition, and in the current DoD and national posture, to provide their novel views on issues related to the level of funding and manning, and the operation of the DoD Technology Base. (Suggested at Sept. S&ET Div. met: OTA or Brookings a possible source for a speaker.)

Some leading questions:

- Should technological superiority continue to be a principal objective of the U.S. military posture? If not, what other options worth considering?
- Could DoD successfully carry out such a strategy, in a world having much more, and stronger, technological competition, and especially one in which the U.S. was commercially inferior in some technologies used for both commercial and defense purposes? (For example, it is possible that other nations might surpass the U.S. in computer technology.)
- Could the U.S. expect to remain technologically stronger in military than in nonmilitary capabilities (as did the Soviet Union for decades)?
- What would be the long term consequences of (1) maintaining or increasing DoD Tech Base funding? (Where should the added resources be placed?) What would be the long term consequences of (2) significant reductions in DoD Tech Base funding? (Where could S&ET programs be cut with the least negative impact on national security?)
- What would be the consequences if technology base funding were maintained, but materiel production virtually abandoned or replaced with a maintenance-only philosophy?
- Should the fraction of Defense S&ET which is performed in-house be increased or decreased under the expected new conditions, and why?
- How must DoD and the nation respond to the already nagging shortages in special test and manufacturing facilities required to support evolution of advanced military systems?
- Could DoD business and commercial business, in the future share company personnel and facilities? How could traditional problems such as cost allocation and handling of classified information be freshly addressed?
- Is it conceivable that DoD needs could serve a catalytic role in helping the U.S. maintain overall technological strength? What would have to change for that to become a reality? For example, are there any insights to be obtained from the commercial warfare which the Japanese have pursued for the past several decades?

1700 Closing comments: Conference Co-Chairman

1705 Conference adjourns.

W. R. Beam and Jim Ball
 Co-Chairmen, 1992

- 1335 The Global War Game (Bud Hay, Navy War College, Newport RI)
 1405 Critical Technologies and International Competition (speaker from Council on Competitiveness)
 1435 Current DoD S&ET Issues: Skill pool, Lab consolidations, Technology Transfer, future of IR&D. (OSD speaker - try to wrap it up with one speaker, please!)

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- Should the fraction of Defense S&ET which is performed in-house be increased or decreased under the expected new conditions, and why?
- How must DoD and the nation respond to the already nagging shortages in special test and manufacturing facilities required to support evolution of advanced military systems?
- Could DoD business and commercial business, in the future share company personnel and facilities? How could traditional problems such as cost allocation and handling of classified information be freshly addressed?
- Is it conceivable that DoD needs could serve a catalytic role in helping the U.S. maintain overall technological strength? What would have to change for that to become a reality? For example, are there any insights to be obtained from the commercial warfare which the Japanese have pursued for the past several decades?

1700 Closing comments: Conference Co-Chairman

1705 Conference adjourns.

Walt Beam and Jim Ball
 Co-Chairmen, 1992

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9124899

ORIGINATOR: 02

SPEECH: YES NO

FROM: BAUER, Jon: COLORADO GEM NETWORK

DATE OF EVENT: 04/09/92

THRU:
TENTATIVE DATES:

LOCATION OF EVENT: COLORADO CONVENTION CENTER, DENVER, COLORADO

TIME OF EVENT: 6:30 P.M.

SUBJECT: AN INVITATION TO BE THE DINNER SPEAKER AT THE FIRST
REGIONAL MATERIALS NETWORK MEETING.

RSVP: 12/06/91

CONTACT PERSON: GORDON, Claudia

CONTACT NUMBER: 303-978-5019

INVITATION ACCEPTED?

YES

NO

COPIES TO: PHYSICAL SCIENCES

REMARKS:

CLOSED

DATE OF LETTER: 11/11/91

DATE RECEIVED: 11/22/91

FILE: P-INVITATION-SPEECH



RECEIVED

4899
November 11, 1991

91 NOV 22 P 3: 41

COLORADO SCHOOL OF MINES

GOLDEN, COLORADO 80401

303/273-3604

FAX 303/273-3278

OSTP
MAD ROOM
The Honorable D. Allen Bromley
Assistant to the President for
Science and Technology
17th and Pennsylvania Avenue Northwest
Washington, D.C. 20506

Dear Dr. Bromley:

As Chairman of the Materials Industry Committee of the Colorado GEM Network, I would like to invite you to be our dinner speaker at a major event for professionals in the Colorado materials industry. This event, our First Regional Materials Network Meeting, is planned for April 9, 1992, 6:30 P.M. at the new Colorado Convention Center, Denver, Colorado.

The Colorado GEM Network is an organization which was initiated to position Colorado as the center for earth-resources and materials activities in business, education and research. While designed in part to encourage new businesses to relocate to Colorado, GEM also serves to increase the effectiveness of its members by creating networks for education, information exchange, technology transfer, business promotion and industry development.

Representatives of Colorado chapters of over fifteen engineering and professional societies are cooperating in organizing this event, which will bring together for the first time ever the members of those organizations in a combined meeting for the consideration of common issues. These people are the working engineers and scientists who are concerned about the health of Colorado and the materials industry.

The afternoon will begin with presentations by several leading experts in Colorado-based companies in various segments of the materials industries. Also included will be round table discussions focusing on future opportunities in the materials industries represented by the aerospace, electronics, metals, and service sectors. The goal is to highlight the active role Colorado industry plays in these areas, to showcase Colorado, and to explore future trends.

The dinner segment will also draw those who are unable to participate in the afternoon activities. Attendance is expected to be several hundred. The audience will consist primarily of engineers and scientists from both industry and academia, but also will likely include people from the business community. We will be inviting Governor Romer, a strong supporter of the Colorado GEM Network, to participate in this evening program, as well.

EXECUTIVE PERSONNEL

George S. Ansell, Chairman
David L. Olson, Interim Director
Claudia Gordon, Interim Coordinator

BOARD OF DIRECTORS

Judith Armstrong, ADA Technologies
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William Coors, Adolph Coors Company
Stanley Dempsey, Royal Gold, Inc.
Phil Doty, Arthur Anderson
The Honorable Jeanne Faatz,
Colorado State Legislature

Timothy J. Haddon, AMAX Gold, Inc.
Wayne Hazen, Hazen Research
Howard Lacy, Ralston Development Group
Mike McIntosh, Sheridan, Ross & McIntosh
Earl McLaughlin, Public Service Company
of Colorado
David L. Olson, Colorado School of Mines
Arthur J. Pansze, Cruson & Pansze
Jack Parry, Newmont Mining Corporation
John D. Rattray, Camp Dresser and
McKee, Inc.
Richard Reynolds, Regional
Transportation District
John D.C. Roach, Manville Corporation
John Rold, Colorado Geological Survey
John Stark, Mincom USA
Harry A. Tourtelot, U.S.G.S.
The Honorable Claire Traylor,
Colorado State Legislature
Darrell W. Webber, U.S. Bureau of Reclamation
Conrad Wysocki, United Engineers
& Constructors

FOUNDING MEMBERS

AMAX Gold, Inc.
Camp Dresser & McKee
Cyprus Minerals Company
Manville Corporation
Newmont Mining Corporation
Public Service Company of Colorado
Sheridan, Ross & McIntosh
United Engineers and Constructors
U.S. Bureau of Reclamation
U.S. West Foundation

Dr. D. Allen Bromley
November 11, 1991
Page Two

The focus of this conference is on major trends in materials science and technology in America and, specifically, Colorado. We are aware of government's efforts to chart a direction with regard to strategic technologies important to this country, with materials and manufacturing technology being a key area of focus. We believe that Colorado has been a contributor to this technology and its future role can be even greater, through both academia and the industrial sectors.

As the dinner speaker, your views on the subject of critical technology focus and government's role in same would be of major interest. We know this is a controversial issue but would love to hear your views.

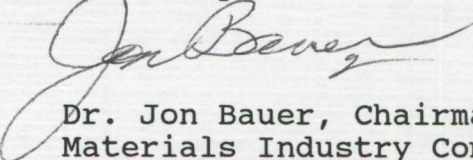
We are excited about this event and what it will mean to the people of Colorado. Your participation would mean a great deal to those who are working hard to create and maintain standards of excellence in the Colorado materials community.

If possible, we would hope to have your response to this request by November 30, 1991.

Any questions can be directed to me at the phone number given below or to Claudia Gordon, Interim Director of the Colorado GEM Network, (303)273-3787 (letterhead address).

Thank you very much for your consideration.

Sincerely,



Dr. Jon Bauer, Chairman
Materials Industry Committee
Colorado GEM Network
(303)978-5019

THE WHITE HOUSE
WASHINGTON

January 8, 1992

Dear Dr. Bauer:

Thank you for your letter of November 11 inviting me to be the dinner speaker at the First Regional Materials Network Meeting scheduled for April 9, 1992, in Denver, Colorado. My apologies for the much belated response.

Because we are very heavily involved in materials science matters, I would have liked to contribute to your organization's efforts to this end. Unfortunately, I have a long-standing commitment on the date in question so I must regretfully decline your invitation.

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

Sincerely yours,

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

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

Dr. Jon Bauer, Chairman
Materials Industry Committee
Colorado GEM Network
Colorado School of Mines
Golden, Colorado 80401

RUSSIA 1992

COLORADO GEM NETWORK

September 1992

*in cooperation with the
WORLD TRADE CENTER and
the COLORADO INTERNATIONAL TRADE OFFICE*

A two-day symposium which will explore in-depth the topic of doing business with the Russian Federation.

Speakers will include Russians knowledgeable of the critical issues and others who are currently involved in joint ventures with Russian.

Specific details available soon!

GEMnet

COLORADO GEM NETWORK

This is a project which has been underway for several months and the Task Force is in the process of developing a prototype for approval and funding.

A survey of more than 300 people involved in the various committees and task forces of the Colorado GEM Network revealed that over 30% see value in an electronic bulletin board and database which could provide several kinds of resources to GEM members.

FIRST REGIONAL MATERIALS NETWORK MEETING COLORADO GEM NETWORK

April 9, 1992
1:00 - 8:30 PM

Colorado Convention Center
Denver, Colorado

Exhibit Space Available

1:00 PM Exhibits open to public

2:00 Materials Trends Presentation

2:15 "Trends in Aerospace"

2:30 "Trends in Electronics"

2:45 "Trends in Mining & Metals"

3:00 "Trends in Professional & Technical Services"

3:15 Break/Networking

3:30 Roundtable discussion

5:00 Reception (exhibit area)

6:30 Dinner with speaker

(Speakers to be announced soon!)

This event is designed to pull together people from the various materials-oriented professional associations. Speakers in the afternoon sessions will represent Colorado businesses, and a nationally-known speaker from the manufacturing arena has been invited as the dinner speaker.

ENERGY 2001: A FORWARD LOOK

COLORADO GEM NETWORK

July 19 -21, 1992

Colorado Convention Center
Denver, Colorado

Exhibit Space Available

(Tentative program)

Day one:

7:30 AM Registration & Breakfast
8:15 Keynote Speaker: _____
9:30 Oil Industry: _____
10:30 Natural Gas Industry: _____
11:30 Buffet Lunch (exhibit area)
1:00 Coal Industry: _____
2:00 Alternate Fuels Industry: _____
Dixy Lee Ray, former governor of Washington, author of
"Trashing the Planet" (possible speaker)
4:15 Reception

Day two

8:30 Roundtable discussion with Governors' Panel:
Topic: "What are other States Doing to Encourage Development of Energy Resources"

or
Roundtable discussion with legislators:
Topic: "Development and Response to a National Energy Policy"

10:15 Roundtable discussion with Regulators' Panel:
Topic: "Where are we headed with Federal & State Energy policies & regulations?"

11:45 Buffet lunch in exhibit area
or
Sitdown lunch with featured speaker

1:30 Roundtable discussion with Industry experts:
Topic: "Energy 2001 - A Look Towards the Future"

This program is in the process of being developed. As details are confirmed, they will be announced.

1992 ANNUAL ENVIRONMENTAL SEMINAR COLORADO GEM NETWORK

March 17 - 18, 1992
Colorado Convention Center
Denver, Colorado

In cooperation with the
Colorado Center for Environmental Management

First Announcement and Call for Papers

The Environmental Committee of the Colorado GEM Network, in cooperation with the Colorado Center for Environmental Management, is sponsoring an annual meeting covering a wide range of environmental topics. This year, in addition to invited speakers, papers are being solicited from professionals in the environmental field. At this time, the scheduled sessions include:

	<u>Chairs</u>
<u>RCRA/CERCLA:</u>	Michael Hope (764-4019)
<u>CLEAN AIR:</u>	Jerry Gallagher (331-8545) Skip Spensley (861-7000)
<u>OSHA/INDUSTRIAL HYGIENE:</u>	"Med" Durel (377-2832)
<u>ENVIRONMENTAL AUDITS:</u>	Jim Kerr (452-5018)
<u>WATER:</u>	John Rattray (290-6671)
<u>TECHNOLOGY TRANSFER:</u>	John Mahoney (294-1200)
<u>GENERAL TOPICS:</u>	John Galbavy (278-3300)

For further information about submission of papers or Exhibit Information, please call the Colorado GEM Office: 273-3604

Deadline for abstract submittal: November 15, 1991

Mail to: The Colorado GEM Network
c/o Colorado School of Mines
Golden, CO 80401

Tentative program: Speakers being confirmed

1991 RUSSIAN FORUM
December 11 and 12, 1991

Co-Sponsors: Colorado GEM Network, Colorado International Trade Office, World Trade Center Denver

*Embassy Suites Hotel at Denver Place
1881 Curtis Street, Denver, Colorado*

Russian Guests:

*Mr. Boris Chirkov
Executive Secretary, Supreme Economic Council
Supreme Soviet, RSFR*

*Mr. Sergei Krasovchenko, Chairman
Committee for Economic Reform and Prosperity
Russian Soviet Federation of Republics*

*Mr. Gennady Filshin
Minister of Foreign Economic Relations
Russian Soviet Federation of Republics*

*Dr. Mikhail Grachev, Co-Chairman
Board of Directors
Institute of Economic Strategies*

*Dr. Andrei Malov, Director
Center for Political and Business Leadership*

December 11, 1991:

*5:30 PM VIP Reception (by invitation only)
6:00 PM Networking and Cash Bar
7:00 PM Dinner (speakers being confirmed)*

December 12, 1991:

8:00 AM Coffee/Registration/Networking

8:30 AM - 12 noon:

*8:30 - 8:45 Keynote Speaker: _____
8:45 - 9:15 Mr. Krasovchenko: "Development of the New Russian Economic Policy"
9:15 - 9:45 Mr. Filshin: "Implementation of the New Russian Economic Policy"
9:45 - 10:00 Break
10:00 - 10:30 Secretary Chirkov: "What Soviets Need to see from Americans"
10:30 - 11:00 Dr. Grachev: "Future Trends in Mineral Economics"
11:00 - 11:30 Dr. Malov: "Future Trends in Environmental Considerations"*

Moderator: Bill Hornby

(A brief question & answer session will follow each speaker)

12:00 - 1:30 PM Buffet lunch in exhibit area.

1:30 - 3:00 PM Panel Discussion - Phase I

*Panelists: Secretary Chirkov, Mr. Krasovchenko, Mr. Filshin, Dr. Grachev, Dr. Malov
?*

Dr. Richard Horsnail, Director, International Exploration, Amax, Denver, CO

Ms. Bea Celler, Deputy Director, Colorado International Trade Office

Mr. Miki Pavletic, Chairman, ASTADA Inc., Denver, Colorado

_____, Rothchilds, Denver, Colorado

Mr. Paul Houston, Russian Business and Entrepreneurship Center, Denver, Colorado

Active Moderators: Clifford May and Ms. Sasha Karpov

3:00 - 3:15 Break

3:15 - 5:00 Panel Discussion - Phase II and Wrap-Up

5:00 Reception/Cash Bar

(Details subject to final confirmation)

Limited private business appointments are available.

Exhibit space is available to showcase Colorado products and services

Call 303-273-3604

1991 RUSSIAN FORUM December 11-12, 1991

Please reserve a place for the following:

GEM Member Pre-registration:

Wednesday evening dinner only \$30 ____
Seminar only \$65 ____
Both \$90 ____

After November 22:

Wednesday evening dinner only: \$40 ____
Seminar only: \$85 ____
Both \$120 ____

Non Member Pre-registration:

Wednesday evening dinner only \$ 40 ____
Seminar only \$ 85 ____
Both \$120 ____
Individual membership + Seminar Package \$140 ____

After November 22:

Wednesday evening dinner only \$ 45 ____
Seminar only: \$105 ____
Both \$145 ____
Individual membership + Seminar Package \$170 ____

Mail to:

Colorado GEM Network
c/o CO School of Mines
Golden, CO 80401
303-273-3604

Exhibit Space

available to showcase
Colorado: \$395

Make checks payable to:

Colorado GEM Network

Name: _____

Company: _____ Phone: _____

Address: _____ City: _____ State: _____ Zip: _____

Call the GEM office for information on the VIP Reception and booking of individual appointments with Russian guests: 303-273-3604

STATE OF COLORADO

EXECUTIVE CHAMBERS

136 State Capitol
Denver, Colorado 80203-1792
Phone (303) 866-2471



Roy Romer
Governor
Stewart A. Bliss
Chief of Staff

To Current and Potential Colorado GEM Network Members:

It has been my pleasure to be involved with the Colorado GEM Network since I first announced its formation in 1990. I encourage your continued support for this organization, which is promoting Colorado's geotechnology capabilities in the national and international arenas.

My Administration's goal during the past four years has been to create a political and economic climate that supports new and existing businesses in Colorado. As part of this effort, we co-sponsored the Colorado GEM Network and urged Colorado's businesses, academia, professional groups and all levels of government to organize their ideas and focus their collective energy in its development. I am pleased to say that we have seen significant successes in those industries under the GEM umbrella -- geotechnology, energy, environment, materials and mining.

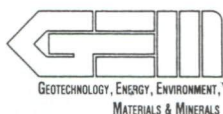
This organization presents many opportunities for its members by providing a forum for geo-professionals to exchange their ideas, their problem-solving skills and their professional capabilities. It also is a leader in encouraging the expansion or relocation of businesses and organizations to Colorado.

Colorado has the largest concentration and integration of GEM-related businesses in the country, if not the world. The Colorado GEM Network cooperates with our International Trade Office, the Office of Business Development, the Colorado Department of Natural Resources and other agencies to further promote that strength.

The Colorado GEM Network is becoming the catalyst for forming cooperative solutions to key issues facing our region and the nation. I want to encourage you to lend your support to its continued development and expansion. This is an organization which will multiply your investment in membership many times.

Sincerely,

Roy Romer
Governor



October 18, 1991

To Whom it May Concern:

Two years ago, the Colorado School of Mines embarked on a venture in cooperation with the State of Colorado, to draw together people involved in earth resources in a mutually-beneficial organization. The result was the **Colorado GEM Network**, a professional organization of academia, government and business focused on positioning Colorado as a center for excellence in earth resources and materials enterprises.

The interdisciplinary integration of its various industry members is the characteristic which sets this organization apart from other groups. This focus has resulted in:

- *The formation of Board of Directors and working committees
- *Incorporation as a 501(c)6 organization
- *Recruitment of Founding Members, most of whom continue to support us as Sustaining Members
- *First Annual Environmental Seminar and Membership Kick-off event, drawing more than 300 people
- *Cooperation with the Governor's International Trade Office and the Colorado Center for Environmental Management in publishing an environmental directory

Consistent with its Mission of creating an awareness of Colorado as a center of excellence in earth resources, the **Colorado GEM Network** is planning the following products:

- *Russian Forum (December 1991)
- *Business Financing Seminar (January 1992)
- *Second Annual Environmental Seminar, with call for papers (March 1992)
- *First Regional Materials Network Meeting (April 1992)
- *Energy 2001, a forward look at supply and demand (July 1992)
- *GEMnet, an electronic bulletin board and database to provide a networking vehicle for members

We are an organization dedicated to serving Colorado in a unique way, and we invite you to become a part of this exciting enterprise. Your involvement through membership is vital, and I encourage you to consider a commitment in this uncommon venture.

Sincerely,

George S. Ansell, President
Colorado School of Mines

The Network of Earth Resources and Materials Enterprises

COLORADO SCHOOL OF MINES

GOLDEN, COLORADO 80401

303/273-3604

FAX 303/273-3278

EXECUTIVE PERSONNEL

George S. Ansell, Chairman
David L. Olson, Interim Director
Claudia Gordon, Interim Coordinator

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Judith Armstrong, ADA Technologies
George S. Ansell, Colorado School of Mines
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AMAX Gold, Inc.
Camp Dresser & McKee
Cyprus Minerals Company
Manville Corporation
Newmont Mining Corporation
Public Service Company of Colorado
Sheridan, Ross & McIntosh
United Engineers and Constructors
U.S. Bureau of Reclamation
U.S. West Foundation



Public Service®

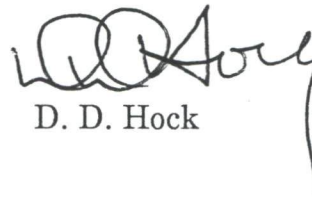
**Public Service
Company of Colorado**
P.O. Box 840
Denver, CO 80201-0840

D.D. HOCK
Chairman, President
and Chief Executive
Officer

Since the Colorado GEM Network was founded in the Denver area, Public Service Company of Colorado has been a staunch supporter.

As a founding member, we saw the potential of an organization which could reach into the community to draw together people from business, government, research and education to focus on the task of positioning Colorado as an international center for earth resources industries. As a sustaining member, we have placed a vote of confidence in the direction this young organization is taking as it develops programs which cross industry boundaries and provides resources for Coloradans which have heretofore been unavailable.

As we continue to support the Colorado GEM Network through membership and through Public Service Company's employees who volunteer their time, we urge you and your company to consider the same. The strength and accomplishment of this organization are directly dependent upon all of us who see the vision of Colorado's future.

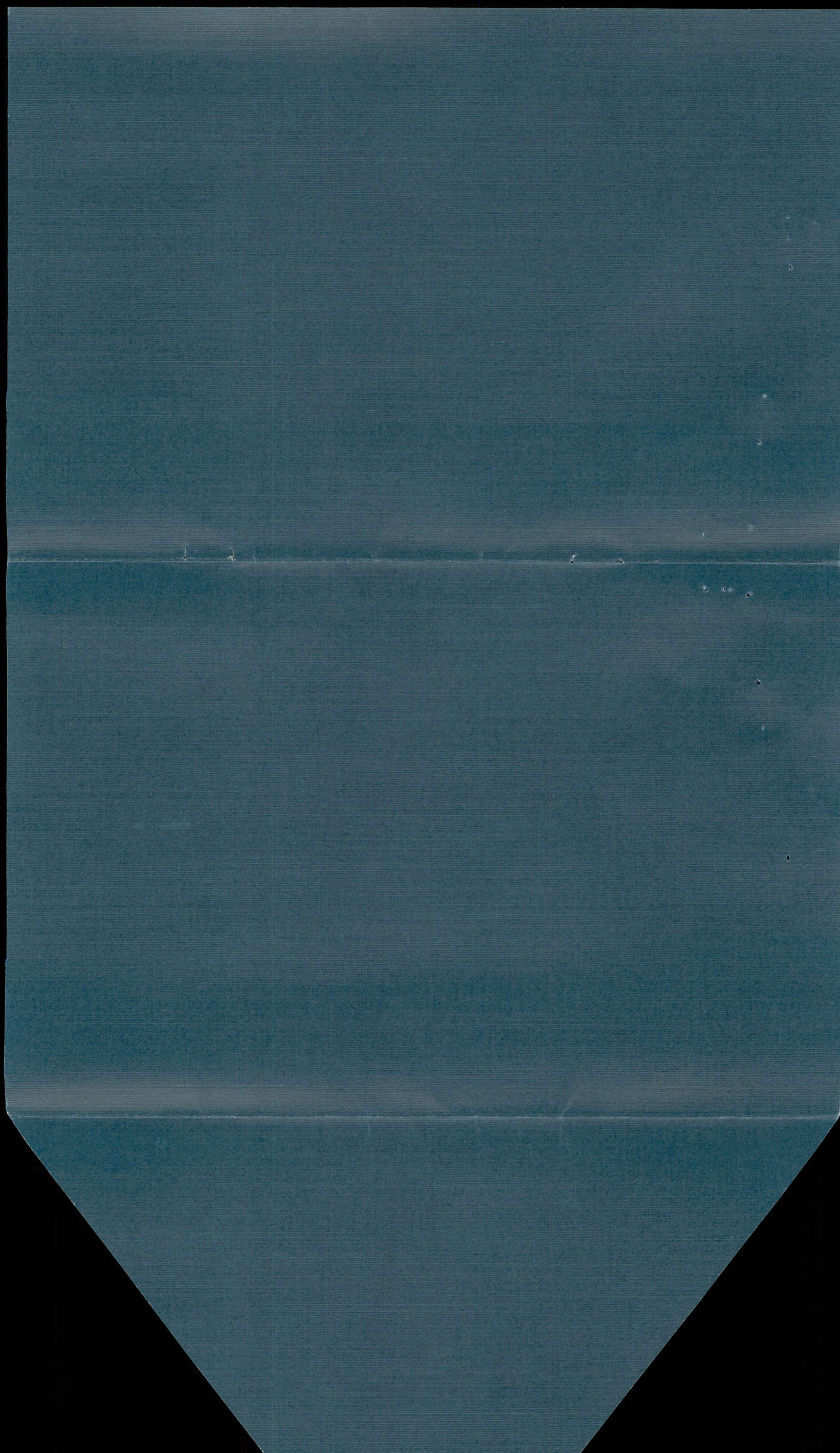


D. D. Hock

*"We no
longer have
the luxury of
continuing our old
ways of doing business.*

Alliances between government, industry, education, management, labor and environmentalists, in which we work together to become more competitive, offer the best hope for continued economic growth."

*Kenneth J. Barr, Chairman
& Chief Executive Officer
Cyprus Minerals
Company*





Please send me an application for membership in GEM:

Name _____ Title _____

Organization _____

Address _____

Phone _____

Mail to:

Colorado GEM
c/o Colorado School of Mines
Golden, CO 80401
(303) 273-3604

Founding Members of GEM

AMAX Gold

Arthur Andersen & Company

Camp Dresser and McKee, Inc.

Cyprus Minerals Company

Manville Corporation

Newmont Mining Corporation

Public Service Company of Colorado

Sheridan, Ross & McIntosh

U.S. Bureau of Reclamation

United Engineers and Constructors, Inc.,
Stearns Roger Division

U.S. West Foundation

From Mining Camp to the GEM Corridor

In 1858 a new city came to life at the foot of the Rocky Mountains in Jefferson Territory. A multitude of men and women were to pass through its streets, first panning for gold in Cherry Creek, and then moving on to richer finds in the mountains. They left behind the thriving town of Denver, which prospered as a supply center for the mountain mining towns and later as the home of the people who found their fortunes in gold and silver.

Today Denver, Colorado is an international center for geotechnology, energy and materials research and development. The metropolitan area serves as

"The mission of GEM is to create regional, national and international awareness of and to foster Colorado's position as a world class center for geotechnical, energy, environment, minerals and materials-related businesses, services, education and research."

headquarters, regional and field offices for over 300 large and small

mining and energy companies, as well as many related industries. More than 400 local and national companies involved with earth science engineering, design, construction, manufacturing and analytical services are officed in the area.

From this critical concentration of professionals came the concept of GEM in 1988 — to form a consortium of earth science disciplines. This consortium would develop the exchange of ideas and technologies and promote the area as an international center for geotechnical, energy, environmental, minerals and materials-related businesses, services, education and research.

The acronym GEM stands for the Geotechnology, Energy Environmental, Materials and Minerals, a 501(C)6 non-profit organization incorporated in the state of Colorado.

GEM serves as the connecting link between earth science industries, educational institutions and state and federal government agencies. Its goals include:

- Identifying and establishing comprehensive directories of GEM-related businesses and organizations.
- Increasing the effectiveness of GEM members and enhancing their competitiveness by creating networks for education, information exchange, technology transfer, business promotion and industry development.
- Stimulating the integration of high technology with traditional GEM industries to establish Colorado as the center for technologically innovative GEM industries.
- Producing nationally recognized, objective publications and issue papers on topics of vital concern to GEM organizations.
- Promoting current and potential technical, social and economic contributions of GEM-related businesses and organizations to the region and the world.

GEM Membership Structure

Membership in GEM is offered on a dues-paying basis. Membership categories and annual dues are as follows:

ANNUAL DUES

<u>Category</u>	<u>Regular</u>	<u>Patron†</u>
<i>Voting members</i>		
Individual	\$ 50	\$ 100
Business		
Proprietorship*	250	500
Small Company**	500	1,000
Medium Company**	1,500	3,000
Large Company**	3,000	6,000
Sustaining Member††	—	10,000

Non-voting members

Government Agency	250	—
Trade Organization or		
Professional Society	250	—

*Proprietorship is defined as a firm with five or fewer employees.

**Company membership is at full rate if the primary emphasis of the company is GEM-related. If GEM activities are not the primary emphasis, dues will be prorated.

Company size ranges:

Small — fewer than 100 employees

Medium — between 100 and 500 employees

Large — more than 500 employees

†Patron membership entitles listing in major organization publications.

††Sustaining members will be listed on GEM publications with Founding Members.

professional community. Some of these products and services are:

- Coordinating an integrated network to develop and share information;
- Facilitating of joint ventures and public/private projects;
- Improving the region's access to investment capital;
- Publishing a directory of professional services;
- Developing the public's understanding and support for GEM-related businesses and activities;
- Fostering a creative atmosphere for solving environmental issues; and
- Hosting conferences, seminars, and workshops

Committees Focus GEM's Activities

GEM operates through seven industry committees which serve as liaisons between the various GEM business sectors and GEM itself. Their mission is to increase the effectiveness of GEM members and enhance competitiveness by creating networks for education, information exchange, technology transfer, business promotion and industry development. The seven committees are:

- Development and community relations
- Energy industry
- Environmental industry
- Exploration industry
- Materials industry
- Minerals industry
- Service industry

Denver — An International Center for Earth Sciences

Denver's dominance as a center for mining, energy and environmental industries and service businesses resulted from the momentum of history and geography. Because of the early economic impact of the mining industry on Colorado, the state became the home of the Colorado School of Mines, today one of the foremost universities in the world for geotechnical, energy development, mining and minerals sciences. The activities of the School of Mines are complemented by strong engineering colleges at Colorado State University and the University of Colorado. These programs provide not only national research facilities and capabilities, but a highly skilled and available labor pool.

The impact of geotechnical, energy development and mining research at the educational institutions is further expanded by the concentration of federal agencies officed in the Denver metropolitan area. Because of Denver's position near the geographic center of the lower 48 states and its proximity to the extensive federal lands of the western states, the city became a natural focus for research and administrative agencies. Today the Denver metropolitan area has the highest concentration of federal agencies of any area outside of Washington, D.C.

Among those federal agencies and national associations are the U.S. Geological Survey, Bureau of Mines, Department of Energy, Forest Service, Bureau of Reclamation and the U.S. Soil Conservation Service, as well as the Solar Energy Research Institute, National Institute of Standards and Technology, National Oceanic and Atmospheric Administration, Environmental Protection Agency, Bureau of Land Management, Western Area Power Authority, Western Governors Association and Western Interstate Energy Board. Local organizations include the Colorado Department of Natural Resources and Colorado Advanced Technology Institute.

Denver also benefits from a concentration of industry and trade associations within the region and over 30 corporations focusing on materials and earth sciences research. The presence of two Super Fund sites has led to the development of an extensive environmental industry focusing on long-term research and practical solutions to the processing and removal of toxic and non-toxic wastes.

The new Colorado Convention Center, Stapleton International Airport and the new expanded airport now under construction, a supportive political and economic climate for new or expanding businesses and the attractive lifestyle of the area have contributed to Denver's appeal to companies. In addition, Colorado offers a time zone advantage for international business, overlapping the working day of Europe and the Middle East, Australia and the Pacific Rim.

The Structure of GEM

GEM's activities are governed by a Board of Directors, elected annually by the general membership, and a small executive staff. GEM's membership is composed of:

- Geotechnical businesses — associated with the identification and exploration of geological resources.
- The extraction, production, processing and transportation activities of the mining/minerals industries — including coal, oil, gas, metals and non-metals.
- The materials industry — comprised of producers and users of traditional metallic and non-metallic materials, as well as advanced engineered materials for high-technology applications.
- Energy companies — developing conventional, synthetic and alternative resources.
- Environmental industries — encompassing environmental services, assessments, restoration and waste minimization.
- Educational and research institutions — focused on earth science disciplines.
- The services component of each GEM industry — including legal, accounting, investment banking and educational institutions.

To achieve its goals, the non-profit organization provides a variety of products and services to the

Colorado GEM Network Newsletter

October 21, 1991

Claudia Gordon, Interim Executive Director, c/o Colorado School of Mines, Golden, CO 80401

273-3604

Colorado GEM Network NEWS

NEW MEMBERS:

SUSTAINING:

Public Service Company of Colorado

CORPORATE:

Coopers & Lybrand

Earth Sciences Consultants

Point Resources

Sea Sweep

United Bank of Colorado

INDIVIDUAL PATRON:

Peter F. Bull, Macquaire Metals

COLORADO GEM 1991 - 1992 MEMBERSHIP DIRECTORY

**Deadline for inclusion:
December 15, 1991**

If you have questions, or if you would like to have a presentation to your company, please let us know at 273-3604.

(Note: The Colorado GEM Network has applied for exemption as a 501(c)6 non-profit organization. Dues and contributions support ongoing programs and operations but are not deductible as charitable contributions.)

Technology Transfer Conference on Environmental Cleanup: November 13-15, 1991

Sponsored by the Society of

American Military Engineers

Location: Denver DTC Hilton

For information: SRM Corp. at 303-433-7163

27th Annual Colorado Business/Economic Outlook Forum: December 10, 1991

1:15 PM Brown Palace Hotel

For information: Jane Ohl 303-297-3226

RUSSIAN VISITORS TO

COLORADO for Business Forum:

The Colorado GEM Network, in cooperation with the World Trade Center and the Colorado International Trade Office, is sponsoring a visit from distinguished visitors from the Russian Federation.

The specific events in December 1991 are:

December 11 & 12: Forum on doing business in Russia.

December 9, 10 & 13: Private business appointments with visitors (arrangements being made by GEM office).

Please refer to the enclosed announcement for details, or call the GEM office for information on exhibits and private business appointments.

Tentatively scheduled for September 1992 is a two-day symposium which will be more in-depth exploration of the subject. Details will be available soon.

NOTE: We often use the term, "GEM R US", when describing this organization, because it is YOU who determines specific projects and programs to meet your needs.

For some time members of GEM have discussed setting up networking opportunities on a more frequent (i.e., monthly) basis, and several groups have discussed ideas on which to focus these opportunities.

We are anxious to provide what you need. Please let us know your ideas.

From this week's Inter-fax (largest independent Soviet news agency) (used by permission):

"G-7 Finance Ministers to meet with the delegations of the 12 Soviet republics in Moscow on October 26-28 to present their view on how the Soviet Union can cope with the economic crisis. The meeting will take place in accordance with an agreement between the Soviet delegation and the IMF and the World Bank that was reached at a recent IMF and World Bank session in Bangkok.

"A republican delegation will comprise the republican prime minister, finance minister, and governors of central and foreign economy banks."

(more news from Russia on page two)

In order to aid in scheduling activities and interdisciplinary networking, the GEM office needs to be aware of local meetings and activities of professional organizations.

Would you please ask your professional society to place us on their mailing list?

Colorado GEM Network
c/o the Colorado School of Mines
Golden, CO 80401
303-273-3604

If you can arrange for a short GEM presentation at a meeting of your professional organization, please call Claudia.

CALL FOR PAPERS:
1992 ENVIRONMENTAL SEMINAR
March 17-18, 1992

Abstracts due November 15
Mail to Colorado GEM Network

ENERGY 2001 SEMINAR
July 20 - 21, 1992

This forward look at energy supply and demand is in the planning stages. Speakers are being selected to represent the following energy sectors: Gas, Oil, Coal, Nuclear and Alternative Sources. Roundtable discussions are planned on "Regulatory Issues" and "Colorado as an exporter of natural resources". In addition, sources will present solutions being developed by other states.

If you are interested in planning this event, you are invited to attend the next meeting of the Energy Sector Subcommittee (See calendar for meeting details).

ASIA 2010

"Critical Forces Shaping the Asia/Pacific Market Place" is the subtitle of this conference being held in Melbourne, Australia, July 19-21, 1992. Registration is \$617 (US). For an additional \$155 (US), individual business appointments will be arranged. For information call 297-1200

*******CALENDAR*******

10/6 9:00 AM **Energy Committee,**
at WestGas, Ste 500

10/14 7:30 AM **Membership Committee at PSC's**
NEW location: 1225 17th Street, Ste 1200.

10/19 7:30 AM **Environmental Seminar**
Abstracts Evaluation

10/20 3:00 PM **Executive Committee,**
at WestGas

10/21 7:30 AM **Environment Committee**
at Geraghty & Miller

Russian Forum: December 11 & 12, 1991
(see enclosed flier)

1st Regional Materials Network Meeting:
April 9, 1992

Doing Business in Russia: September 1992
(two days)

Notes from INTERFAX-US Soviet
Business Report: (used by permission)

From October 7:

Gorbachev to Support Independent Entrepreneurs and Farmers:
President Gorbachev has come out in favor of the country's entrepreneurs and farmers, saying that he intends to raise the issue of the promotion of free enterprises at a session of the State Council.

Western Investments:

Assistance in the form of direct Western investments cannot be used effectively by either state trade enterprises or their private counterparts. A more effective way for Western companies is penetrating into the Soviet market independently, using their technologies and know-how. An example to follow...is McDonald's, which managed to set up a complete production line from growing agricultural produce to selling Big Macs in fast food restaurants.

Such projects...may become a vehicle for funneling modern technologies and organizational experience to Soviet trade and distribution agencies.

From October 12:

Russian Vice President Alexander Rutskoi emphasized once again... that he is in favor of immediately entering into a political union with the former Soviet republics. In his words, only after such a deed would it be possible "to strengthen such a union by economic agreements."

(INTER-FAX U.S. is the North American distributor of political and economic news via Interfax, the largest independent Soviet news agency. They offer the following resources:

*Daily news via FAX

*Weekly summary of news

*Translation services for business
cards, literature

*Rental of USSR circulation
list for direct mail usage

*Technical Resource Guides)

Technical Resource Guides cover mining, petroleum and agriculture industries for government and private enterprise in the Soviet Union. Soviet decision makers within these industries will use the guides as sourcebooks for locating U.S. companies interested in providing their products, equipment and services to the Soviet Union. Translated into Russian and published in the Spring of 1992, the guides will be distributed to a guaranteed circulation of 30,000 each.

All of the above services are available to Colorado GEM Network MEMBERS at discount prices. For information, call the GEM office or DGL International Publishing at 753-9250. (Be sure to inform them if you are a member of the Colorado GEM Network.)

Reprints of Interfax-US Weekly Business Reports can be read in their entirety at the GEM office.

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