

June 12, 2000

President Clinton Launches A New Era of Ocean Exploration

THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release

June 12, 2000

Today, at a White House Millennium Council Millennium Matinee entitled *Exploration Under the Sea – Beyond the Stars*, President Clinton will announce steps to launch a new era of ocean exploration. The President will announce that in collaboration with marine research institutions and universities, federal researchers will explore the Hudson Canyon off New York-New Jersey, deep reefs and seeps off the Gulf coast of Florida, and the Davidson Seamount off central California. The President will also direct the Commerce Department to convene a panel of leading ocean explorers, educators, and scientists to develop recommendations for a national oceans exploration strategy.

A LEGACY OF OCEAN PROTECTION. Two years ago today, President Clinton, the First Lady, and Vice President Gore joined members of the Cabinet and hundreds of others from across the country at the National Ocean Conference in Monterey. At the conference, the President announced new efforts to restore coral reefs, rebuild marine fisheries, and protect our coasts from oil drilling. The President also directed his Cabinet to develop recommendations for a coordinated, disciplined, long-term federal ocean policy. In its report last year, Turning to the Sea: America's Ocean Future, the Cabinet outlined an ambitious strategy to protect and sustainably use our ocean resources. On Memorial Day weekend, President Clinton took a major step in implementing that strategy with an Executive Order directing agencies to expand and strengthen the nation's network of marine protected areas.

A NEW ERA OF OCEAN EXPLORATION. Even though the oceans cover 70% of the planet, scientists estimate that over 90% of our underwater world remains unknown and unseen. What remains to be explored could hold clues to the origins to life on Earth, cures for human diseases, answers to the sustainable use of the oceans, links to our history, and information to protect the endangered species of the sea. Today, acting on another key recommendation of his Cabinet, the President will announce two major actions to establish a national strategy to expand exploration of the oceans:

Launching three undersea expeditions. The President will announce that the Commerce Department will lead three expeditions in collaboration with leading marine research institutions over the coming months:

Davidson Seamount off central California. Researchers will explore the 30-mile long, 9000-foot high seamount that rises from the ocean floor roughly 80 miles southwest from Monterey. Davidson Seamount's rock surfaces are home to a mixture of unusual deep sea animals, including large, dense patches of sponges and extremely old coral forests.

Hudson River Canyon off New York, New Jersey. Less than 100 miles southeast of New York City lies the most predominant underwater feature on the eastern seaboard. Initial explorations of Hudson Canyon reveal that it is home to many economically and ecologically valuable species.

Deep reefs and seeps off Florida's Gulf coast. Deep beneath the Gulf of Mexico, far below the reach of sunlight, dense thickets of giant worms and mussel beds, and thick mats of bacteria thrive on chemicals venting, seeping, and oozing from the seafloor. Although far from shore, these creatures may be the oldest life forms on the planet.

Charting a new era of exploration. In addition, the President will direct Secretary of Commerce William Daley to convene a panel of leading ocean explorers, educators, and scientists and report within 120 days on recommendations for a national oceans exploration strategy. Specifically, the strategy should:

Define objectives and priorities, and note important scientific, historic, and cultural sites;

Promote collaboration with education, research, and private-sector organizations;

Examine the potential for new technologies;

Ensure coordination with the newly established Marine Protected Area Center; and

Ensure that newly discovered organisms with medicinal or commercial potential are identified for possible research and development.



Victoria L. Valentine
06/12/2000 07:49:26 AM

Record Type: Record

To: Christine L. Anderson/WHO/EOP@EOP
cc: Nanda Chitre/WHO/EOP, Erika A. Batcheller/WHO/EOP@EOP, Sonya N. Hebert/WHO/EOP@EOP
Subject: COVER SHEET: PRESIDENT CLINTON AND FIRST LADY HILLARY RODHAM CLINTON HOST
MILLENNIUM MATINEE "EXPLORATION UNDER THE SEA - BEYOND THE STARS"

**PRESIDENT CLINTON AND FIRST LADY HILLARY RODHAM CLINTON HOST
MILLENNIUM MATINEE "EXPLORATION UNDER THE SEA - BEYOND THE
STARS"**

The East Room, The White House

June 12, 2000

Today, President Clinton and First Lady Hillary Rodham Clinton will host a Millennium Matinee, "Exploration Under the Sea - Beyond the Stars." In his remarks, the President will announce steps to launch a new era of ocean exploration. He will announce that in collaboration with marine research institutions and universities, federal researchers will explore the Hudson Canyon off New York-New Jersey, deep reefs and seeps off the Gulf Coast of Florida, and the Davidson Seamount off central California. The President will also direct the Commerce Department to convene a panel of leading ocean explorers, educators, and scientists to develop recommendations for a national oceans exploration strategy.

Dr. Marcia McNutt, President and CEO of the Monterey Bay Aquarium Research Institute (MBARI) in Moss Landing, Calif. and Dr. Neil de Grasse Tyson, the Frederick P. Rose Director of the Hayden Planetarium in New York City, will be the featured experts at the lecture. They will discuss what we are learning from deep sea and deep space research and what the two fields have in common.

Students from area classrooms that incorporate space or sea studies in their curriculum will be in attendance and be featured in a video shown at the event. Anne Beers Elementary School in Washington D.C. integrates space science and astronomy with reading, writing, mathematics, and sciences. The school has a replica shuttle control panel and the teachers receive training from the Goddard Space Flight Center.

DuVal High School of Lanham, Md. includes the Aerospace Technology and Aviation Career Academy. Ninth graders study Earth Science and "Earth Observing Systems" which use real-time satellite data to analyze changes that are occurring in the Earth's atmosphere, land cover, and natural resources and relates those changes to current environmental issues. Tenth

graders study Biology and "Living in Space." Eleventh graders study Chemistry and Physics and can apply their learning in the Cooperative Satellite Learning Project (CSLP).

Students from River Terrace Elementary School in Washington D.C. study water ecology, testing water from the Anacostia River for pollution levels, pH levels, and salinity. River Terrace elementary partners include the Smithsonian Environmental Research Center, Chesapeake Bay Foundation, and Discovery Creek Museum.

Grafton High School in Newport News, Va. is the home of the State of Virginia Ocean Sciences Bowl winning team. The students have studied plate tectonics, rock formation, sea mounts, atolls, hydrothermal vents, the history of the ocean, history of submersibles, and performed various sea creature dissections. The school has partnerships with Virginia Institute of Marine Science (VIMS) and the Chesapeake Bay Foundation. They met with a VIMS scientist just as he returned from an expedition to Aquarius and have studied Alvin and other submersibles.

The audience of approximately 150 will also include Education Secretary Richard Riley, NASA Administrator Daniel Goldin, Assistant to the President for Science and Technology Dr. Neal Lane, Chairman of the National Endowment for the Humanities William Ferris, President of the Gilman Foundation Robert Burkett and representatives from Sun Microsystems Inc.

The Millennium Matinee is to be broadcast live on television by C-SPAN, the Discovery Science Channel, and NASA-TV. More than 70 websites are registered as satellite downlink sites, covering 31 states and the District of Columbia. Webcasts will take place through the support of Sun Microsystems, Inc. and EXBTV.com.

Millennium Evenings at the White House are a series of lectures and cultural programs hosted by the President and First Lady that highlight the creativity and inventiveness of the American people through ideas, art and scientific discoveries. These Evenings are part of the White House Millennium Council's national efforts to commemorate the new millennium with activities that reflect the theme "Honor the Past -- Imagine the Future." Today's matinee is the ninth event in the Millennium Evening series.

Order of Events:

Ellen Lovell, Advisor to the First Lady for the Millennium Program, briefly outlines program
Millennium Matinee introduction video is shown

President Clinton, First Lady Hillary Rodham Clinton, Dr. Marcia McNutt, Dr. Neil de Grasse Tyson and local "Young Scientists" are announced and enter the East Room

The First Lady makes opening remarks and introduces video

Video featuring students from science programs in local area schools is shown

The First Lady introduces Dr. Marcia McNutt, President and CEO of the Monterey Bay Aquarium Research Institute (MBARI) in Moss Landing, Calif. and Dr. Neil de Grasse Tyson, the Frederick P. Rose Director of the Hayden Planetarium in New York City

Dr. Marcia McNutt makes remarks

Dr. Neil de Grasse Tyson makes remarks

President Clinton makes remarks

Ellen Lovell opens discussion with audience participants and Internet audience

Discussion wraps up and **President Clinton** closes program

Biographies on Drs. McNutt and Tyson and a fact sheet are attached

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Dr. Marcia McNutt

Marcia McNutt is the President and Chief Executive Officer of the Monterey Bay Aquarium Research Institute (MBARI) in Moss Landing, California. MBARI is a research laboratory funded by the Packard Foundation to develop and exploit new technology for the exploration of the oceans. The institute's main focus is on designing and building new tethered and autonomous underwater vehicles and in situ sensor packages for increasing the spatial and temporal sampling of the ocean and its inhabitants.

She was born and raised in Minneapolis, Minnesota, where she graduated class valedictorian from Northrop Collegiate School (now The Blake Schools) in 1970. In 1973, she received a BA degree in Physics, summa cum laude, Phi Beta Kappa, from Colorado College in Colorado Springs. With the help of a National Science Foundation Graduate Fellowship, she next studied geophysics at Scripps Institution of Oceanography in La Jolla, California, where she earned a PhD in Earth Sciences in 1978. After a brief appointment as a sabbatical replacement at the University of Minnesota, she spent the next three years working on the problem of earthquake prediction at the US Geological Survey in Menlo Park, California, before joining the faculty at MIT in Cambridge, Massachusetts, in 1982. Dr. McNutt spent the next 15 years at MIT, where she was appointed the Griswold Professor of Geophysics. While at MIT, she also served as Director of the Joint Program in Oceanography and Applied Ocean Science and Engineering, a cooperative graduate educational program between MIT and the Woods Hole Oceanographic Institution. In 1988, she won the Macelwane Award from the American Geophysical Union, presented for outstanding research by a young scientist.

Dr. McNutt's principal research involves the use of marine geophysical data to study the physical properties of the Earth beneath the oceans. Recent projects include the history of volcanism in French Polynesia and how it relates to broad-scale convection in the Earth's mantle, continental break-up in the western U.S., and the uplift of the Tibet plateau. Her research is both theoretical and field-based, using data she has collected on nearly two dozen oceanographic expeditions.

Dr. McNutt is also the President-Elect of the American Geophysical Union. She lives in Salinas, California with her three daughters and her husband, Ian Young, a chief mate.

Dr. Neil de Grasse Tyson

Astrophysicist **Neil de Grasse Tyson** is the Frederick P. Rose Director of the renowned Hayden Planetarium in New York City. His areas of research include dwarf galaxies, exploding stars and the evolution of the Milky Way, pulling data from telescopes in the U.S. and the Andes Mountains of Chile. He oversees the planetarium's new facilities while serving as a visiting professor of astrophysics at Princeton.

Dr. Tyson's writings are extensive, including such books as *One Universe: At Home in the Cosmos* and *The Sky is Not the Limit: Adventures of an Urban Astrophysicist*. He has published numerous scholarly articles and in 1995 became a monthly essayist for *Natural History* Magazine, bringing complicated abstract ideas to a nonscientific audience. Dr. Tyson appears often on television, most recently on NBC Nightly News with Tom Brokaw discussing the May 5, 2000, planetary alignment; on the recent PBS documentary *Windows to the Universe*; and on CBS Sunday Morning, discussing the new Rose Center for Earth and Space.

Throughout his career Dr. Tyson has served on numerous boards, and is currently a member of the Board of Directors of the *American Astronomical Society*, as well as a member of the National Research Council's committee for the Decadal Survey in Astronomy and Astrophysics (Subcommittee on Education and Public Policy). He has been appointed to NASA's Space Science Advisory Committee and elected to the Board of Directors of the Planetary Society and the Board of Directors of the Astronauts Memorial Foundation. He also has been awarded four honorary degrees.

A New York City native, Dr. Tyson attended the Bronx High School of Science, where he will return in two weeks to deliver this year's commencement speech. He took his love of mathematical puzzles and outer space to Harvard University, where he earned a BA in physics, and then to Columbia University, earning his Ph.D. in astrophysics. As director of the Hayden Planetarium, Neil de Grasse Tyson enjoys helping the next generation of space explorers expand their cosmic horizons.

**President Clinton, Mrs. Clinton, Vice President Gore:
Launching A New Era of Ocean Exploration**

President Clinton, speaking today from the East Room at a White House Millennium Council Millennium Matinee, *Exploration Under the Sea – Beyond the Stars*, will announce steps to launch a new era of ocean exploration. The President will announce that in collaboration with marine research institutions and universities, federal researchers will explore the Hudson Canyon off New York-New Jersey, deep reefs and seeps off the Gulf coast of Florida, and the Davidson Seamount off central California. The President will also direct the Commerce Department to convene a panel of leading ocean explorers, educators, and scientists to develop recommendations for a national oceans exploration strategy.

A Legacy of Ocean Protection. Two years ago today, President Clinton, the First Lady, and Vice President Gore joined members of the Cabinet and hundreds of others from across the country at the National Ocean Conference in Monterey. At the conference, the President announced new efforts to restore coral reefs, rebuild marine fisheries, and protect our coasts from oil drilling. The President also directed his Cabinet to develop recommendations for a coordinated, disciplined, long-term federal ocean policy. In its report last year, *Turning to the Sea: America's Ocean Future*, the Cabinet outlined an ambitious strategy to protect and sustainably use our ocean resources. On Memorial Day weekend, President Clinton took a major step in implementing that strategy with an Executive Order directing agencies to expand and strengthen the nation's network of marine protected areas.

A New Era of Ocean Exploration. Even though the oceans cover 70% of the planet, scientists estimate that over 90% of our underwater world remains unknown and unseen. What remains to be explored could hold clues to the origins to life on Earth, cures for human diseases, answers to the sustainable use of the oceans, links to our history, and information to protect the endangered species of the sea. Today, acting on another key recommendation of his Cabinet, the President will announce two major actions to establish a national strategy to expand exploration of the oceans:

1. Launching three undersea expeditions. The President will announce that the Commerce Department will lead three expeditions in collaboration with leading marine research institutions over the coming months:
 - Davidson Seamount off central California. Researchers will explore the 30-mile long, 9000-foot high seamount that rises from the ocean floor roughly 80 miles southwest from Monterey. Davidson Seamount's rock surfaces are home to a mixture of unusual deep sea animals, including large, dense patches of sponges and extremely old coral forests.
 - Hudson River Canyon off New York, New Jersey. Less than 100 miles southeast of New York City lies the most predominant underwater feature on the eastern seaboard. Initial explorations of Hudson Canyon reveal that it is home to many economically and ecologically valuable species.
 - Deep reefs and seeps off Florida's Gulf coast. Deep beneath the Gulf of Mexico, far below the reach of sunlight, dense thickets of giant worms and mussel beds, and thick mats of bacteria thrive on chemicals venting, seeping, and oozing from the seafloor. Although far from shore, these creatures may be the oldest life forms on the planet.
2. Charting a new era of exploration. In addition, the President will direct Secretary of Commerce William Daley to convene a panel of leading ocean explorers, educators, and scientists and report within 120 days on recommendations for a national oceans exploration strategy. Specifically, the strategy should:
 - Define objectives and priorities, and note important scientific, historic, and cultural sites;
 - Promote collaboration with education, research, and private-sector organizations;
 - Examine the potential for new technologies;

- Ensure coordination with the newly established Marine Protected Area Center; and
- Ensure that newly discovered organisms with medicinal or commercial potential are identified for possible research and development.

The White House
Office of the First Lady

FOR IMMEDIATE RELEASE
May 31, 2000

CONTACT: LISSA MUSCATINE
ERIKA BATCHELLER
JENNIFER SMITH
202/456-2960

***** Note change in the White House Millennium Council website address. *****

**The President and First Lady to Host
Millennium "Matinee" at the White House**
"Exploration: Under the Sea, Beyond the Stars"

**Monday, June 12, 2000
2:30 p.m. EST**

Washington, D.C. -- On Monday, June 12, 2000, the President and First Lady will host a Millennium "Matinee" at the White House, the ninth event in the Millennium Evening series. "Exploration: Under the Sea, Beyond the Stars" will explore the American quest for discovery into the farthest reaches of sea and space, two of the remaining frontiers of exploration.

The program will feature two noted scientists, Dr. Marcia McNutt, president of the Monterey Bay Aquarium and Research Institute in California, and Dr. Neil de Grasse Tyson, director of the Hayden Planetarium in New York. The presenters will discuss what we are learning from deep sea and deep space research and what these fields have in common.

The Millennium Matinee will take place at 2:30 p.m. EST in the East Room of the White House. The audience will include local students, educators, scientists and other experts in space and sea exploration. The program will be cybercast live over the Internet and broadcast via satellite to locations around the country. For information on organizing a downlink site, contact the White House Millennium Council at www.whitehouse.gov/Initiatives/Millennium/evenings.html.

The public is encouraged to participate in the event's discussion by e-mailing questions or comments prior to or during the cybercast. Questions should be sent to the White House Millennium Council web site (listed above). The site will also serve as a link to the cybercast.

Millennium Evenings at the White House are a series of lectures and cultural programs hosted by the President and First Lady that highlight the creativity and inventiveness of the American people through ideas, art and scientific discoveries. These Evenings are part of the White House Millennium Council's national efforts to commemorate the new millennium with activities that reflect the theme "Honor the Past -- Imagine the Future."

Millennium Evenings are co-sponsored by the White House Millennium Council and the National Endowment for the Humanities with support from Sun Microsystems and the Howard Gilman Foundation.

Note: Background information about the presenters is attached.

EVENT: "Exploration: Under the Sea, Beyond the Stars"
DATE: Monday, June 12, 2000
TIME: 2:30 p.m. EST
LOCATION: The East Room
The White House
Washington, D.C.

Press Notes:

This event is open for correspondents and pooled for television and still cameras. Press who are not credentialed by the White House should fax on company letterhead their full name, date of birth, and social security number to the First Lady's Press Office at 202-456-7805.

First Escort from White House Briefing Room for pre-set: 12:00 p.m.

Final Escort from White House Briefing Room: 2:05 p.m.

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About the presenters:

Astrophysicist **Neil de Grasse Tyson** is the Frederick P. Rose Director of the Hayden Planetarium in New York City. A Harlem native, Dr. Tyson went to the Bronx High School of Science, earned a B.A. in Physics from Harvard, and then his Ph.D. in Astrophysics from Columbia University. His special areas of interest are dwarf galaxies, exploding stars and the evolution of the Milky Way. Tyson is a visiting professor at Princeton and author of Our Universe: At Home in the Cosmos. He has published numerous scholarly articles and writes for popular science publications such as *Natural History*.

Marcia McNutt is the president and chief executive officer of the Monterey Bay Aquarium and Research Institute in Moss Landing, California. Born and raised in Minnesota, she graduated *summa cum laude* in physics from Colorado College. She then earned her Ph.D. in Earth Sciences from the Scripps Institution of Oceanography in La Jolla, California. She spent 15 years at MIT researching and teaching in geophysics, and served as the director of the Joint Program in Oceanography and Applied Ocean Science and Engineering between MIT and the Woods Hole Oceanographic Institution. Her research has focused on the physical properties of the earth beneath the oceans.



Victoria L. Valentine
06/12/2000 08:16:09 AM

Record Type: Record

To: See the distribution list at the bottom of this message

cc:

Subject: FINAL CHECKLIST: 6/12 ocean/space Millennium Matinee

INTERNAL PRESS OFFICE EVENT CHECKLIST

Press Office Contact

Victoria Valentine,

67284

Updates/Changes in Blue

Event: Millennium Matinee

"Exploration Under the Sea - Beyond the Stars"

Date: Monday, June 12, 2000

Time: 2:30 - 4:00 pm

Date for Announcing/Advisory: FLOTUS press put out advisory on May 31st (see below)
POTUS advisory went out Friday, June 9

Press: OPEN to correspondents
POOL for stills and TV

Site: East Room

Program:

Order of Events:

Ellen Lovell, Advisor to the First Lady for the Millennium Program, briefly outlines program
Millennium Matinee introduction video is shown

President Clinton, First Lady Hillary Rodham Clinton, Dr. Marcia McNutt, Dr. Neil de Grasse Tyson and local "Young Scientists" are announced and enter the East Room

The First Lady makes opening remarks and introduces video
Video featuring students from science programs in local area schools is shown
The First Lady introduces Dr. Marcia McNutt, President and CEO of the Monterey Bay Aquarium Research Institute (MBARI) in Moss Landing, Calif. and Dr. Neil de Grasse Tyson, the Frederick P. Rose Director of the Hayden Planetarium in New York City
Dr. Marcia McNutt makes remarks
Dr. Neil de Grasse Tyson makes remarks
President Clinton makes remarks
Ellen Lovell opens discussion with audience participants and Internet audience
Discussion wraps up and **President Clinton** closes program

Audience:

Cabinet: Education Secretary Riley, NASA Administrator Daniel Goldin,
Assistant to the President for Science and Technology Dr. Neal
Lane, Chairman of the National Endowment for the Humanities
William Ferris

Congressional: TBD

Other: local students (Anne Beers Elementary School in Washington D.C.,
DuVal High School of Lanham, Md., River Terrace Elementary School in
Washington D.C., Grafton High School in Newport News, Va.) and
educators, scientists and space/ocean experts

President of the Gilman Foundation Robert Burkett
representatives from Sun Microsystems Inc.

The following will speak from the audience:

Sylvia Earle, currently Explorer-in-Residence at National Geographic,
and DOER, Marine Operations, Inc., who lives in Oakland, California.

Dr. Warren Washington, Head of Climate Change Research Section in
the Climate and Global Dynamics Division at the National Center for
Atmospheric Research, whose lab is in Boulder, Colorado.

Bill Ferris, the head of NEH here in Washington.

Message:

The ninth event in the Millennium Evening series. "Exploration: Under the Sea, Beyond the Stars" will explore the American quest for discovery into the farthest reaches of sea

and space, two of the remaining frontiers of exploration.

In his remarks, the President will announce steps to launch a new era of ocean exploration. He will announce that in collaboration with marine research institutions and universities, federal researchers will explore the Hudson Canyon off New York-New Jersey, deep reefs and seeps off the Gulf Coast of Florida, and the Davidson Seamount off central California. The President will also direct the Commerce Department to convene a panel of leading ocean explorers, educators, and scientists to develop recommendations for a national oceans exploration strategy.

Speechwriter: Sam Afridi

Press Plan

National Media:	OPEN for correspondents
Regional Media:	DC, New York City, Northern Calif. press
TV:	to be broadcast live on C-SPAN, the Discovery Science Channel, and
NASA-TV.	
Internet:	pitch news, science, etc. sites
Radio:	put sound on actuality line
Specialty:	science, space, and ocean press



press outreach updated.

OSTP press plan

Cybercast/Satellite Broadcast:

The program will be cybercast live over the Internet and broadcast via satellite to locations around the country. For information on organizing a downlink site, contact the White House Millennium Council at www.whitehouse.gov/Initiatives/Millennium/evenings.html.

Stakeout

Time: after event, 2 speakers will likely be available at stakeout, one on ones (see bios below on FLOTUS advisory)

Participants:

Press Paper	Cover sheet/fact sheet/Pres. Directive
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Policy Paper/Q&A

Originating Office: Millennium Council/CEQ

Contact and phone number: Jennifer Ballen/Elliot Diringer

Event Participant List

Originating Office: Millennium Council/FLOTUS press

Contact and phone number: Anne Donovan, 62000/Erika Batcheller, 62960

Date Paper Expected:

Event Guest List

Originating Office: Millennium Council

Contact and phone number: Anne Donovan, 62000

Date Paper Expected:



millennium evening 9.

briefing memo
students/teachers



ATTACHMENT C - Mill Eve

briefing memo attachment



Mill Even teachers.d

info on local

WHSO LAYOUT FINAL (a/o 6/8)
a/o 6/8/00; L. Schwartz, S. Kennedy

MILLENNIUM LECTURE #9

Monday, June 12, 2000

Principal Time:

Briefing:	2:10 p.m.	Red Room
Meet:	2:15 p.m.	Blue Room
Event:	2:30 p.m.	East Room
Reception:	4:00 p.m.	State Dining Room

Guest Times:

Gate opens:	1:30 p.m.
Invite time:	2:00 p.m.

Approx 150 Guests/Pool Press/Business Attire
15 Social Aides

Sunday June 11

8:00 a.m. – 5:00 p.m. Setup in East Room begins.

Monday June 12

7:45 a.m. Setup continues.

9:00 a.m. Grand Foyer Exhibits arrive and are set in Foyer.
Contact: Stephanie Madden

10:00 a.m. Speaker Rehearsal in East Room.

Noon Tour Rehearsal in Grand Foyer.

1:00 p.m. School Kids arrive East Appts. Gate.
Contact: Shereen Soghier, Jane and Jennifer from the WHMC.

1:30 p.m. In place and EV Gate opens and guests proceed to hold on the Ground Floor.
Contact: Shereen Soghier

1:45 p.m. Guests proceed to the State Floor for cocktails.

2:00 p.m. Blue Room guests are taken to Blue Room.
Contact: Anne Donovan

2:10 p.m. **THE PRESIDENT AND THE FIRST LADY** arrive the Red Room for briefing.
Contact: Ellen Lovell

2:15 p.m. **THE PRESIDENT AND THE FIRST LADY** proceed to the Blue Room for meet and greet. *See attached*

Social Aide Note: As usual, as The President and The First Lady greet guests, they will be taken to their reserved seats in the East Room via the Cross Hall. After meet, all that will remain in Blue Room are The President, The First Lady, and speakers.

2:25 p.m. Honors group is brought to Grand Foyer for 2:30pm start.

2:28 p.m. Ellen Lovell is announced into the East Room and enters from the Cross Hall on to the stage and briefs audience.

2:30 p.m. **PROGRAM BEGINS**

Millennium video tape introduction.

(Principal's watch video from Blue Room Approx. 3.0 minutes)

Ruffles and Flourishes

Announce: "President and Mrs. Clinton accompanied by Dr. Marcia McNutt, Dr. Neil deGrasse Tyson and Young Scientists"

Hail to the Chief

Mrs. Clinton makes opening remarks from the podium and introduces video tour.

Video Grand Foyer tour is played in the room approx. 5.0 minutes.

Mrs. Clinton returns to the podium and introduces Marcia McNutt.

Marcia McNutt presents her lecture from the podium.

Dr. Neil deGrasse Tyson presents his lecture from the podium.

THE PRESIDENT makes remarks from the podium.

Ellen Lovell begins open discussion with audience and Internet

**Podium Note: Podium is struck at this time, see Millennium Briefing for Specific Script and Program Breakdown*

Approx. 4:00 p.m. **THE PRESIDENT** wraps the discussion and invites guests into the State Dining Room for a reception.

Note: Satellite time with approx. to 4:30 pm

THE PRESIDENT AND THE FIRST LADY have the option to mingle with guests in the State Dining Room or depart the State Floor.

Note: POTUS needs to leave at 4:30 p.m.

Guests exit East Gate following reception.

SET UP NOTES:

East Landing: Flute trio for arrivals/departures

Family Theater: Coat check

*Grand Foyer: Exhibits (curators)
String ensemble with piano
cocktails before program in Grand Foyer
Honors group for announce*

*Blue Room: WHCA Announce
Production monitor for Principals to watch intro video*

*East Room: refer to separate layout for staging and requirements;
cross hall doors closed to East Room until program is ready to begin
programs on chairs*

State Dining Room: reception following event

Blue Room Meet

Speakers

Dr. Marcia McNutt, Speaker and Ian Young (husband)
President and CEO of the Monterey Bay Aquarium Research Institute
3 children: Meredith, Ashley and Dana Hoffmann

Dr. Neil Tyson, Speaker and wife Dr. Alice Young
The Frederick P. Rose Director, Hayden Planetarium, New York

Administration

Secretary Richard Riley and wife Tunky Riley

Daniel S. Goldin, Administrator
National Aeronautics and Space Administration (NASA)

Dr. Neal Lane
Assistant to the President for Science and Technology

William Ferris, Chairman
National Endowment for the Humanities

Sponsors

Masood A. Jabbar and guest Laurie Diane Reider
President, Computer Systems, Sun Microsystems, Inc.

Raymond P. Tellalian and wife Betty Tellalian
Vice President Northeast Area, Sun Microsystems, Inc.

Frank A. Pinto and wife Bonnie Pinto
Vice President World Wide Sales, Sun Microsystems, Inc.

John Edward Marselle and guest Teresa L. Dale
Vice President of the Americas, Sun Microsystems, Inc.

Thomas Maynard Kreidler and wife Carolyn Kreidler
President, Sun Microsystems Federal, Inc.

John F. Leahy III and wife Sandra Leahy
Chief of Staff, Sun Microsystems Federal, Inc.

Robert Burkett and wife Sally Burkett
President, The Gilman Foundation

Students in the Tour Video

DuVal High School, Lanham, MD
Rosanna Tapia – 11th grade, Calvin Tiet – 11th grade

Grafton High School, Newport News, VA
Kevin Ford – 11th grade, Aaron VanDervort – 11th grade

River Terrace Elementary School, Washington, DC
Stephan Garrett – 6th grade, Lakira Fortune – 6th grade

Anne Beers Elementary School, Washington, DC

The White House
Office of the First Lady

FOR IMMEDIATE RELEASE
June 9, 2000

CONTACT: LISSA MUSCATINE
ERIKA BATCHELLER
JENNIFER SMITH
202/456-2960

**** Note addition of throw length and pre-set time for Orphan Foundation dinner. ****

**PRESS SCHEDULE OF FIRST LADY HILLARY RODHAM CLINTON
FOR MONDAY, JUNE 12, 2000**

WASHINGTON, DC -- On Monday, June 12, 2000, First Lady Hillary Rodham Clinton will host an event to highlight the need for reauthorization of the Violence Against Women Act. Joined by representatives of the nation's law enforcement community, Administration officials and lawmakers, the First Lady will underscore the success of VAWA and the need for Congress to reauthorize its programs and strengthen the law.

In the afternoon, the First Lady will join President Clinton in hosting a Millennium "Matinee" in the East Room of the White House, the ninth event in the Millennium Evening series. "Exploration: Under the Sea, Beyond the Stars" will explore the American quest for discovery into the farthest reaches of sea and space, two of the remaining frontiers of exploration. See previous press advisory for details.

In the evening, the Orphan Foundation of America will honor Mrs. Clinton for her lifelong commitment to foster children. The First Lady will be presented with the organization's Year 2000 Humanitarian Award for her work as a champion of older youth within the foster care system.

EVENT: Violence Against Women Act Reauthorization
DATE: Monday, June 12, 2000
TIME: 12:30 p.m.
LOCATION: Room 450
Eisenhower Executive Office Building
Washington, D.C.

Press Notes:

This event is open press. Press who are not credentialed by the White House should fax on company letterhead their full name, date of birth, and social security number to the First Lady's Press Office at 202-456-7805.

First escort from White House Briefing Room for pre-set: 11:30 a.m.

Final escort from White House Briefing Room:

12:15 p.m.

EVENT: "Exploration: Under the Sea, Beyond the Stars"

DATE: Monday, June 12, 2000

TIME: 2:30 – 4:00 p.m. EST

LOCATION: The East Room
The White House
Washington, D.C.

Press Notes:

This event is open for correspondents and pooled for television and still cameras. Press who are not credentialed by the White House should fax on company letterhead their full name, date of birth, and social security number to the First Lady's Press Office at 202-456-7805.

First escort from White House Briefing Room for pre-set: 12:00 p.m.

Final escort from White House Briefing Room: 2:05 p.m.

EVENT: Orphan Foundation of America Awards Dinner

DATE: Monday, June 12, 2000

TIME: 7:00 – 9:00 p.m. (remarks at approx. 8:00 p.m.)

LOCATION: J.W. Marriott Hotel
Grand Ballroom
14th and Pennsylvania Avenue
Washington, D.C.

Press Notes:

OPEN PRESS. No pre-credentialing required, but press must check in at the credentialing table outside the Grand Ballroom. Throw is approximately 65 feet. Lighting and mult provided.

Pre-set access for cameras: 2:00 – 3:00 p.m.

Final access for remarks: 7:45 p.m.

###

DRAFT

UNEDITED DESCRIPTOR LANGUAGE FOR MILLENNIUM MATINEE DISPLAY

***Trieste* short version**

Designed by Swiss physicist Auguste Piccard and funded by the city of Trieste, Italy, the bathyscaph was completed in 1953. After three years of dives in the Mediterranean, the U.S. Navy purchased it for oceanographic research. In 1960 *Trieste* made the deepest dive ever achieved by any craft -- 35,800 feet down in Challenger Deep southwest of Guam. Three years later the Navy replaced the submersible with a more advanced bathyscaph.

The Navy Museum

***Trieste* long version**

In 1960 the bathyscaph *Trieste* descended to the deepest place in the oceans -- 35,800 feet down in the Challenger Deep between Guam and the Philippines with Lieutenant Don Walsh and Jacques Piccard on board. Designed by Swiss physicist Auguste Piccard and funded by the city of Trieste, Italy, the vessel was completed in 1953 in Naples. After three years of diving in the Mediterranean, the U.S. Navy purchased *Trieste* for oceanographic research. In 1959 it received a new pressure sphere made by Krupp, which could withstand pressures in excess of 36,000 feet. A series of dives off Guam climaxed in the historic descent into Challenger Deep. After the loss of nuclear submarine *Thresher* off the coast of New England, *Trieste* photographed and recovered debris from the wreck. In late 1963 the Navy replaced the submersible with a more advanced bathyscaph.

The Navy Museum

Mark 12 Diving Helmet

These helmets form a vital part of the Navy's Surface-Supported Diving System. The system has replaced the older Mark 5 version. The Mark 12 system is used for operation to depths of 190 feet of seawater or when divers require a high degree of protection or stability. The Mark 12 helmet weighs 42 pounds on land, but under water with an air supply it has neutral buoyancy. The helmets consist of a combination of traditional (lead, brass and rubber), and modern (stainless steel, fiberglass, polyester and plastic) materials. The microphone and earphones within the helmet allows communications with the surface and other divers.

The Navy Museum

Mark 5 Deep-Sea Diving Helmet

"Hard-hat" or "Heavyweight" helmet used by divers since 1837 in heavy salvage and engineering operations to the depth of 190 feet. It offers maximum physical protection and constant two-way communication with the surface. The helmet is constructed of spun copper with bronze fittings. The breastplate distributes the sixty-pound helmet over the diver's shoulders and provides a watertight seal between the helmet and diving dress.

The Navy Museum

Hubble Space Telescope (model)

The Hubble Space Telescope was launched from the Space Shuttle Orbiter Discovery on STS-31 in 1990. Several successful servicing missions have been conducted since then. HST can achieve ten times the resolution of typical ground telescopes in part because it operates above the Earth's atmosphere. Ground-based instruments observe the universe through miles of air; this air is constantly changing density, temperature, composition, and velocity. Space telescopes are free of the obscuring effects of the atmosphere. Since being placed in orbit, the HST has taken more than 260,000 images.

National Aeronautics and Space Administration

Moon Rock

Apollo 11 sample 10057 was collected by Neil Armstrong from a location on the northeast rim of the double crater southwest of the Lunar Module approximately 4 meters from the decent ladder. It is medium gray, vesicular basalt and weighs two pounds. This basalt was collected from the most recent lava flow at the Apollo 11 site which took place 3.6 to 3.65 billion years ago.

Loaned to President William J. Clinton by the National Aeronautics and Space Administration

Shuttle Thermal Protection System

This is a sample of the material that protects the underside of space Shuttle Orbiters. Over 32,000 of these cover the Orbiter to protect the vehicle from the temperatures experienced during re-entry.

National Aeronautics and Space Administration

Apollo Lunar Boot, Harrison Schmitt - Apollo 17

This boot is part of the pair that was made for and worn by Harrison Schmitt, lunar module pilot of the Apollo 17 mission. Apollo 17 accomplished the sixth and final successful manned lunar-landing. Lunar touchdown was on December 10, 1972.

The boot was manufactured by the International Latex Corporation as part of Dr. Schmitt's extra-vehicular (EV) equipment. The EV boots were worn over the boots directly attached to the lunar spacesuit. They protected the moonwalking astronauts from extreme temperatures and sharp rocks on the lunar surface.

National Air and Space Museum

Apollo Lunar Glove, Allan Bean

This Extra-Vehicular (EV) glove was made for Allan Bean as back up to his flight gloves for the Apollo 12 mission. It was designed to be worn while on the lunar surface. EV gloves were designed to be locked into place and were interchangeable with gloves designed for use inside the spacecraft. The wrist locking rings were color coded with blue for the left wrist and red for the right. This color-coding was used throughout the Manned Space Program. The Chromel-R covering is to protect the hands against heat and cold as well as sharp objects, and the blue silicone tips provided a measure of sensitivity for the astronaut.

National Air and Space Museum

Mercury Helmet

This helmet was made for astronaut Gordon Cooper and was used during training sessions prior to his flight on Mercury 9, Faith 7. The helmet was modeled to the astronaut's head and is constructed of a white fiberglass composite. It has a mechanical closing assembly and a leather comfort pad attached to the interior. Its earphones and communications microphone were covered with suede.

National Air and Space Museum

Apollo 11, Lunar Maps

The crew of Apollo 11 carried these maps of the lunar surface on their mission to the moon in July 1969. The maps had been prepared by the United States Army Topographic Command specifically for the first landing on the moon. Neil Armstrong, Edwin "Buzz" Aldrin, and Michael Collins began their journey to the moon on the morning of July 16, 1969 in the Command Module Columbia atop a Saturn V rocket. They achieved lunar orbit on July 20 and then flew an average of 60 miles above the moon's surface. Armstrong and Aldrin boarded the lunar module Eagle and at 4:17pm EDT on July 20, 1969, the two astronauts became the first human beings to land on the moon.

National Air and Space Museum

Mars Rock (description to come)

Anglerfish (*Melanocetus johnsoni*) - This fish has a luminescent "lure" at the end of a "fishing rod" projecting from just above the mouth. Small fish and crustaceans are attracted to the light, and the anglerfish, well equipped with numerous sharp teeth, eats them when they approach closely. "Angling" means "fishing," and hence the name "anglerfish." Unlike its close relative, the "monkfish," which is adapted for life on the bottom of the ocean and is a commercially important food fish, the anglerfish lives above the bottom -- in the water column-- and is not harvested commercially. Note the tiny eyes, a relatively common feature in fish that live in perpetual darkness.

Smithsonian, National Museum of Natural History

Batfish - (*Ogcocephalus* sp.) - This fish has leg-like appendages with which it walks along the bottom of the ocean. Alas, this fish is not a living link between marine and terrestrial animals; the appendages are merely modified fins, with roughly the same internal structure as that of other ray-finned fishes. Such leg-like appendages have evolved independently in several groups of deep-sea fishes; one likely explanation is that walking uses less energy than swimming, and conserving energy is vital in the deep, dark, cold sea where meals may be few and far between.

Smithsonian, National Museum of Natural History

Lancetfish (*Alepisaurus ferox*) - This is one of the most voracious predators in the ocean! The large, fang-like teeth in the roof of the mouth are more firmly implanted

than those on the thin bones along the sides of the mouth, where other fish have most of their teeth. Lancetfish eat other fish, and they are sometimes taken accidentally by commercial long-line fishing vessels. Because lancetfish feed in mid-water areas that are difficult for scientists to sample (i.e., several hundred to a thousand feet deep), examination of the stomach contents of lancetfish often yields previously undiscovered mid-water fish species. Note the huge eyes, advantageous for an animal that lives in dim but not completely dark areas of the ocean. Lancetfish may reach over 7 ft. in length.

Smithsonian, National Museum of Natural History

Ratfish (*Chimera* sp.) - Ratfish are the poorly known cousins of sharks and stingrays. All have internal skeletons of cartilage rather than bone. All ratfish live in deep water (below at least 1000 ft.), and scientists know very little about them. Observations of ratfish from research submersibles (mini submarines) indicate that they are very graceful swimmers, and they sometimes curiously approach submersibles as they glide smoothly along. Other common names for ratfish include “ghostfishes” or “spookfishes.” Chimeras may reach about 5 ft. in length.

Smithsonian, National Museum of Natural History

New Species, New Knowledge Pencil Urchin

Over a two-month period in 1998, Carole Baldwin, Dave Pawson, and John McCosker of the California Academy of Sciences made 30 dives in the Johnson-Sea-Link II submersible. From the several hundred specimens collected, more than a dozen new species of marine life have been identified so far. The three specimens highlighted here will help marine biologists understand biodiversity of the ocean depths and the evolutionary history of the marine fauna of the Galápagos.

Pencil Urchin (*Histocidaris*, new species)

Dive site: JSL-II-3106, Marchena Island

Depth collected: 558 meters (1,830 feet)

This slow-moving urchin uses its sharp teeth to scrape tiny organisms off the deep-sea rocks where it lives. Closely related fossil forms are as old as 350 million years.

[

Smithsonian National Museum of Natural History

Roman Diving Gear

This may be the earliest design for a diving dress to appear in a printed book. Written by Flavius Renatus Vegetius, a 4th century AD military expert, this highly influential work

was republished many times. In this illustrated version, the author suggests how a diver might use a snug-fitting leather headgear that tapers up to a slender tube in order to breathe while walking on a river bottom. It appears, however, that the designer of this impractical device did not allow for the diver to be able to see where he was going.

Flavius Vegetius Renatus. *De re militari*. Augsburg, J. Wiener, ca. 1475. Rare Book and Special Collections Division, Library of Congress.

An Early Imaginary Space Voyage

The author of this popular book, written under the pseudonym Domingo Gonsales, was the English Bishop, Francis Godwin (1562-1633). Godwin's story of an interplanetary voyage reflected his understanding of the science of his time, especially the fact that the attraction of a body varies in terms of its mass and distance. This image in a French version of the book shows Gonsales being flown to the moon by a flock of specially-trained geese. Godwin's book is but one in a stream of fictional accounts that illustrate how mankind has been regularly intrigued by the lure of other worlds.

Francis Godwin, Bishop of Hereford. *L'Homme dans la Lune*. Paris, I. Cochart, 1666. Rare Book and Special Collections Division, Library of Congress.

Renaissance Sea Beasts and Serpents

In a monumental, five-volume work in which he gathered together all that had been written about animals by the Greeks and Romans, the Swiss physician, Konrad Gesner (1516-1565), included several fanciful sea creatures. These vivid images show three different types of whales -- each a fearsome monster. The top image shows a ship being sunk by a whale with huge teeth. The middle depicts a captured whale being flensed. The bottom image shows sailors who have anchored their ship to the back of a whale that is so large that the crew mistook it for an island (notice the two standing next to a

campfire).

Konrad Gesner. *Historiae animalium*. Zurich, C. Froshoverum, 1551-1558. Rare Book and Special Collections Division, Library of Congress.

"On Monsters and Marvels"

Ambroise Pare (1510-1590) was a French military surgeon who, in the spirit of Renaissance humanism, decided to pull together all he had been told, seen, or read about the endless wonders of the natural world, especially its great variety of sea creatures. As with most Renaissance works, the fanciful was considered along with the real, and here Pare shows a

Ambroise Pare. *Oeuvres...de plusieurs monstres....* Paris, Gabriel Buon, 1579.

First Atlas of the Moon

This magnificent moon map was constructed by the German astronomer, Johannes Hevelius (1611-1687). This hand-engraved, copper plate contains lunar features that we can recognize today. Based on his telescopic observations (made only one generation after Galileo first used a telescope to make rough sketches of the moon), this great lunar atlas set new standards of accuracy and completeness.

Johannes Hevelius. *Selenographia; sive, Lunae descriptio*. Danzig, Hunefeldianis, 1647. Rare Book and Special Collections Division, Library of Congress.

OUTLINE FOR GRAND FOYER DISPLAY:

DISPLAY CASES. NPS vehicles to pick-up from LOC Friday for White House delivery at 2:30. Set up in Grand Foyer 10 am Sunday. Pick up Tuesday 7am at WH for return to LOC.

Tour Students arrive 8 am Monday. Names and "case" assignments in separate attachment.

THREE INDEPENDENT "STATIONS" with single items on pedestals:

- Model of the Trieste submersible 28"long x13" high base foot print 47"
Source: Navy Museum (Model Basin)
Delivery: D & P will deliver 11 am Sunday. Pick up Monday evening.(6pm?)
Needs: Comes with glass case 47lx12wx22h. Needs pedestal
Contact: Dana Wegner, (301) 227-1140
- Model of Hubble 20 ½ x 20 ½ x 29
Source: NASA (JPL)
Delivery: D & P will deliver 11 am Sunday. Pick up Monday evening.
Contact: Sharon Lord, (202) 358-1711
Lou Parker, (281) 483-8622
- PC station with interactive trip through space station ✂
Source: Sun Micro Systems (CD from NASA)
Delivery: Matthew to arrange

THREE CASES:

Space Exploration:

- Lunar boot 14" long 10"high
Glove 10"long 5"high 4"wide
Mercury Helmet 10"high 9 1/2"diameter
Lunar maps binder for 8 1/2 by 11 sheets
Source: NASM
Delivery: 12 noon Sunday. Pick up tbd
Contact: Amanda Young, (202) 633-9327
- Shuttle Tile 3 ½ x 7 x 7
Source: NASA (JPL)
Delivery: D & P will deliver 11 am Sunday. Pick up Monday evening.
- Moon Rock.
Source: WH

Delivery: WH Curators to arrange – by noon Sunday

Contact: Lydia Tederick 456-2550

- Mars Rock 1 x 2 ??
Source: NMNH
Delivery: 12:30 Sunday. Pick up tbd.
Contact: Kara Callaghan, (202) 786-2604
- Hevelius Moon Map (1643 volume)
Source: LOC
Delivery: 11:30 Sunday delivery. Pick up Monday evening
Contact: Kim Curry, (202) 707-3822

Under Sea Exploration:

- Under sea species – precise number and species tbd
anglerfish - 6 3/4" tall, 3 ? " diameter
batfish - 11 3/4 " tall, 6 " diameter
lancetfish - 15 ? " tall, 7 ? " diameter
ratfish - 17 1/4 " tall, 9 1/4 " diameter
sea urchin - 9" tall 5" diameter
Source: NMNH
Delivery: 12:30 Sunday. Pick up tbd
Contact: Kara Callaghan, (202) 786-2604
- Pare and or Gesner sea monsters (volumes 1579 and 1551)
- Tharpesian map of ocean floor (won't go in case, but can be hand held by student)
Source: LOC
Delivery: 11:30 Sunday delivery. Pick up Monday evening
Contact: Kim Curry, (202) 707-3822
- Mark 5 Diving Helmet approx 22" 18" diameter
- Mark 12 Diving Helmet approx 18" high 16" diameter
Source: Navy Museum
Delivery: D & P will deliver 11 am Sunday. Pick up Monday evening
Contact: Ed Furgol 433-6901

Journey of the mind/imagination:

- Jules Verne first editions- From earth to the Moon and Twenty Thousands Leagues Under the Sea
- De Re Militaria by Vegetius (a 1475 volume with illustrations of a diving mask)
- Vopel Globe. A 1543 brass globe. It appeared at the same time that Copernicus was positing the sun-centric universe and reflects the same theory.
- Imaginary voyages, depictions of other worlds – Illustration from Greek myth of sailing vessels going toward the stars
Source: LOC

Fiction Inspires Reality

Many of the 20th century's rocket pioneers and submarine designers have admitted that it was reading the enormously popular Jules Verne (1828-1905) that fired their own minds with dreams of undersea adventure or travels in space. Verne's imaginative novels anticipated many modern underwater techniques and space technologies, and he can be considered a scientific prophet who foresaw and predicted several major scientific devices and developments. There are a number of striking parallels between his novel, *From the Earth to the Moon*, and the successful American *Apollo 11* manned lunar mission of July 1969, and in many ways, his *Nautilus* submarine is still a ship of the future.

Jules Verne. *From the Earth to the Moon*

_____. *Twenty Thousand Leagues Under the Sea*

_____.

Library of Congress

WORLD GLOBE WITH ARMILLARY SPHERE, 1543

This finely crafted and well-preserved three-inch terrestrial globe, within a six-inch armillary sphere, is the work of Caspar Vopel (1511-1561), a teacher of mathematics in Cologne, Germany. His armillary sphere presents a model of the Ptolemaic or earth-centered cosmic system. The series of eleven interlocking and overlapping brass rings or armilla, are adjustable for the seasons and illustrate the circles of the sun, moon, known planets, and important stars around the earth. It is interesting to note that 1543 is not only the year of the construction of Vopel's armillary sphere, but it is also the year Copernicus's theory of a heliocentric universe was published.

Caspar Vopel. Terrestrial Globe within Armillary Sphere. Manuscript globe titled: *Nova ac generalis orbis descriptio*, Cologne, 1543. Library of Congress, Geography and Map Division

Delivery: 11:30 Sunday delivery. Pick up Monday evening

Contact: Kim Curry, (202) 707-3822

The White House
Office of the First Lady

FOR IMMEDIATE RELEASE
June 8, 2000

CONTACT: LISSA MUSCATINE
ERIKA BATCHELLER
JENNIFER SMITH
202/456-2960

Please Note Addition of Satellite Downlink Coordinates

The President and First Lady to Host Millennium "Matinee" at the White House
"Exploration: Under the Sea, Beyond the Stars"

Monday, June 12, 2000
2:30 p.m. EST

Washington, D.C. – On Monday, June 12, 2000, the President and First Lady will host a Millennium "Matinee" at the White House, the ninth event in the Millennium Evening series. "Exploration: Under the Sea, Beyond the Stars" will explore the American quest for discovery into the farthest reaches of sea and space, two of the remaining frontiers of exploration.

The program will feature two noted scientists, Dr. Marcia McNutt, president of the Monterey Bay Aquarium and Research Institute in California, and Dr. Neil de Grasse Tyson, director of the Hayden Planetarium in New York. The presenters will discuss what we are learning from deep sea and deep space research and what these fields have in common.

The Millennium Matinee will take place at 2:30 p.m. EST in the East Room of the White House. The audience will include local students, educators, scientists and other experts in space and sea exploration. The program will be cybercast live over the Internet and broadcast via satellite to locations around the country. For information on downlink sites, contact the White House Millennium Council at www.whitehouse.gov/Initiatives/Millennium/evenings.html.

The public is encouraged to participate in the event's discussion by e-mailing questions or comments prior to or during the cybercast. Questions should be sent to the White House Millennium Council web site (listed above). The site will also serve as a link to the cybercast.

Millennium Evenings at the White House are a series of lectures and cultural programs hosted by the President and First Lady that highlight the creativity and inventiveness of the American people through ideas, art and scientific discoveries. These Evenings are part of the White House Millennium Council's national efforts to commemorate the new millennium with activities that reflect the theme "Honor the Past – Imagine the Future."

Millennium Evenings are co-sponsored by the White House Millennium Council and the National Endowment for the Humanities with support from Sun Microsystems and the Howard Gilman Foundation.

Note: Background information about the presenters is attached.

EVENT: "Exploration: Under the Sea, Beyond the Stars"
DATE: Monday, June 12, 2000
TIME: 2:30 – 4:00 p.m. EST
LOCATION: The East Room
The White House
Washington, D.C.

Satellite Downlink Coordinates:

C-Band: Satellite: Galaxy 3; Transponder/Channel: 15
Orbital Location: 95 degrees West
Downlink Frequency: 4000 mHz
Polarity: Horizontal; Audio: 6.2 and 6.8

KU-Band: Satellite: Galaxy 7; Transponder/Channel: 16
Orbital Location: 91 degrees West
Downlink Frequency: 12018 mHz
Polarity: Vertical; Audio: 6.2 and 6.8

Press Notes:

This event is open for correspondents and pooled for television and still cameras. Press who are not credentialed by the White House should fax on company letterhead their full name, date of birth, and social security number to the First Lady's Press Office at 202-456-7805.

First Escort from White House Briefing Room for pre-set: 12:00 p.m.

Final Escort from White House Briefing Room: 2:05 p.m.

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About the presenters:

Astrophysicist **Neil de Grasse Tyson** is the Frederick P. Rose Director of the Hayden Planetarium in New York City. A Harlem native, Dr. Tyson went to the Bronx High School of Science, earned a B.A. in Physics from Harvard, and then his Ph.D. in Astrophysics from Columbia University. His special areas of interest are dwarf galaxies, exploding stars and the evolution of the Milky Way. Tyson is a visiting professor at Princeton and author of Our Universe: At Home in the Cosmos. He has published numerous scholarly articles and writes for popular science publications such as *Natural History*.

Marcia McNutt is the president and chief executive officer of the Monterey Bay Aquarium and Research Institute in Moss Landing, California. Born and raised in Minnesota, she graduated *summa cum laude* in physics from Colorado College. She then earned her Ph.D. in Earth Sciences from the Scripps Institution of Oceanography in La Jolla, California. She spent 15 years at MIT researching and teaching in geophysics, and served as the director of the Joint Program in Oceanography and Applied Ocean Science and Engineering between MIT and the Woods Hole Oceanographic Institution. Her research has focused on the physical properties of the earth beneath the oceans.



Erika A. Batcheller
06/01/2000 07:04:47 PM

Record Type: Record

To: Jennifer Ballen

cc:

Subject: press for mm

J - I indicated in brackets what calls we should make, etc. I'll try to check in with you tomorrow. Thanks. E

PRESS OUTREACH

NINTH MILLENNIUM MATINEEE Under the Sea, Beyond the Stars June 12, 2000

SPECIALIZED COVERAGE/OUTREACH:

C-Span

They have committed to covering event live and publicizing coverage prior to event. Contact is Ellen Schweiger, assignment editor. EB will follow up with her this week. I'll need full list of speakers (including pop ups if possible) and info about taped aspects of event (as well as any other details that will affect production) as soon as possible so they can plan coverage.

crew chief to discuss logistics, do site survey - tape, etc.

next wks

[left msg. Thurs. and will call her again Friday morning. I'll let you know]

National Geographic Channel

I followed up on Eric Duke's initial call. It's unlikely they'd be able to produce a program based on this event (due to the short time frame), but they are interested in covering another topical millennium evening later in the year. In order to get the ball rolling, they'd like to bring 4 people to this event to see how it works, plan production, etc.. The contact is Janet Han Vissering, VP program acquisitions at 202-828-8095.

mtg. following to discuss future projects! production

[Our intern Julie should call you with names on Friday]

Nick News/Linda Ellerbee

EB has left message and will follow up today. Pitch kids angle, highly visual event. Possible coverage by youth reporters. Producer is Mark Lyons at 212-463-0029.

OUT OF PRODUCTION?

[EB is playing phone tag w/ producer. Will try again Friday am. I'll let you know]

NPR

Ira Flatow, host of Talk of the Nation/Science Friday, is on invite list. OSTP press is contacting him for possible set up piece.

[Can you follow up w/ OSTP?]

CNN

Might be good story for "Science and Technology Week" (airs Sat and Mon 1:30-2). Will call this week to pitch coverage. Producer is Kate Tobin at 404/827-3837.

[Jennifer - I'll leave this one up to you]

PBS

Eric Duke will make initial call to determine interest. EB will follow up if appropriate. ~~We should also approach Bill Nye about possible taping for his show.~~

[I still haven't heard from Eric or on the Bill Nye issue. *coming; role?* Could you follow up? Thx]

CHANNEL ONE

Great event for them to cover as news organization.

OTHER MISC:

Youth media -- Other children's media outlets may have interest, including Children's Express, Youth Today, Kids Post (Washington Post), etc. EB will make round of calls once advisory goes out.

[I'll call these people when I get back. It might not hurt to call Kids Post on Tuesday. Thanks]

Internet media - EB will work with Mark Kitchens to explore options on pitching Internet media.

LOCAL OUTREACH:

Washington Post

Pitch idea of style-type story, possibly following local students to the White House for event. Story could also showcase exceptional school in district...?

[Lissa will call next week]

Walt (p. 261)

WRC-TV (NBC)

MARLETT RUTTEN Palky - 6pm producer

202/885-4111

202/885-4104

FAX

Local network affiliates

Will pitch "behind the scenes" story of local class visiting White House. Great visuals, need names of few students who would be good spokespeople. EB will call later this week for initial pitch.

[I'll call next week.]

need list
w/ cities, phone #s

REGIONAL PRESS OUTREACH:

EB will work with regional press office to set up print, tv and radio interviews with participants and their local media. I'll need list of speakers/participants with names, cities, states and contact numbers as soon as possible. It would also be helpful to confirm with these people ahead of time that they're willing to talk to press. We should think about scheduling stakeout for immediately following the event (although, earlier in the day would be better for deadlines - we should discuss).

Finally, we'll make a cursory round of calls to science reporters at news weeklies, networks and to WH press just a couple of days prior to the event.

popular ^{mean (pm4kids.com)}
~~science~~
SDA productions

discovery kids - 301/986-1999 MANN / MARJORIE KAPLAN

ann shows?

212/751-2200
x.4967

MARJORIE KAPLAN

what in display?
what other exhibits?



Ellen M. Lovell
06/07/2000 06:32:11 PM

Record Type: Record

To: Sharon Kennedy/WHO/EOP@EOP, mg@sunburstcreative.com @ inet
cc: Erika A. Batcheller/WHO/EOP@EOP
Subject: sequence of questions

Here's my plan as of tonight:

POTUS - first Q

student Q

Internet

Dr. Sylvia Earle, Explorer in Residence, National Geo, Director of Sustainable Seas Expedition, CA

Aquarius tape - Dr. Steven Miller, Fla.

Internet

Dr. Warren WASHINGTON, Sr. Scientist, National Center for Atmospheric Research, Boulder, CO

student

Internet

Dr. William Ferris, Chairman, National Endowment for the Humanities, folklorist, DC, native of Mississippi

Internet

possible Bill Nye

I will identify student questions Thursday (one batch from an elem. school in DC will come in by noon Friday.)

PRESS OUTREACH
NINTH MILLENNIUM MATINEEE
Exploration: Under the Sea, Beyond the Stars
June 12, 2000

SPECIALIZED COVERAGE/OUTREACH:

C-Span

Their crew chief is coming Thursday to do a walk through to plan production. We should have a definite confirmation by then. I'll need full list of speakers (including audience pop ups) as soon as possible.

Discovery/Discovery Kids

Discussed coverage possibilities w/ VP of children's programming. Discovery Kids doesn't have show that fits naturally with this event but they are very interested and are discussing possibilities internally. The Discovery Channel is sending someone to cover and will pull event from satellite broadcast.

MARJORIE KAPLAN 212/751-2200
X.4967

Jet magazine

Jet plans to do a story on Dr. Tyson and is sending reporter to cover event.

EXBTV.COM

Matt is working with them on possible webcast of event. (They cover news from executive branch).

Children's Express

Sending youth reporters to cover event. (They are an international news service reported and edited by kids ages 8 to 18 for adult print, broadcast and online media. Their stories are carried by newspapers across the US and the UK and on the NYT news service)

Channel One

They have committed to running full millennium series next fall.

National Geographic Channel

We have several VIPs coming to view the event and we plan to meet with them in the next few weeks to discuss future possibilities for coverage.

Nick News/Linda Ellerbee

Have left numerous messages and still no call back. They may be out of production for the summer.

NPR

Ira Flatow will mention event on his show. I'm calling reporter w/ science desk to pitch coverage.

GMA → WALKTHRU
IN A.M.?

SPRINGTIME
DAN GOLDEN (NAMA)

CNN

JB has called, faxed and both she and Erika have followed up with phone calls. Still waiting to hear back.

PBS

Bill Nye's show is permanently out of production.

Internet Media

EB has left msg. with Mark Kitchens to explore possibilities on Internet media.

Waiting on calls back from:

Youth Today

Kids Post

LOCAL OUTREACH:

Washington Post

Style section –

Local network affiliates

Pitched “behind the scenes” story to senior producer of local NBC 6 pm news. Faxed material and will follow up Thursday. Will pursue ABC affiliate if NBC isn't interested.

REGIONAL PRESS OUTREACH:

I need list of audience speakers w/ hometown, state and phone number as soon as possible.

Regional press will get info out to local press and pitch interviews for following event.

* am show?

* GMA / GARY

* B6T (Tyson)

* O2 / URBAN W/ MARCIA
(PERSON & SCIENTISTS)

WETA — SUSAN PAIGE
INTERESTING PERSONAL STORIES

WETA — SHARON(?)
TEENAGE — TRISTE MOORE
KIDS — OCEANOGRAPHY
OUTSTAY /
DEEPEST IN
OCEAN
(DON WASH) →



Jennifer L. Ballen
06/07/2000 03:45:55 PM

Record Type: Record

To: Erika A. Batcheller/WHO/EOP@EOP
cc: Ellen M. Lovell/WHO/EOP@EOP, Anne F. Donovan/WHO/EOP@EOP, Matthew L. Nelson/WHO/EOP@EOP
Subject: OSTP Media Outreach Plan

FYI - NPR update at very end - only looks somewhat promising - Erika, do you think it's worth going ahead and pitching it to other reporters to get something on the morning of or in the evening stuff afterwards?

----- Forwarded by Jennifer L. Ballen/WHO/EOP on 06/07/2000 03:44 PM -----



Richard A. Kostro
06/07/2000 03:26:59 PM

Record Type: Record

To: Jennifer L. Ballen/WHO/EOP@EOP
cc: Jeffrey M. Smith/OSTP/EOP@EOP
Subject: OSTP Media Outreach Plan

Updates in Red.... Let me know if you need more info.

OSTP's Media Contact Plan for 6/12 Millennium Matinee

Media Outreach

The following publications will receive follow up calls following the release of the media announcement and invitations. We are also working with NOAA and NSF to identify the best oceans magazines to contact (not a consolidated industry, such as space). All of these organizations have been called, and the press announcement has been resent to those who did not have it immediately on hand. Several indicated interest in viewing it off the Webcast (Aerospace Daily, WSJ), and some indicated that they would be contacting the WH Press office for clearance into the event.

NAME	PUBLICATION	TELEPHONE
Richard Tuttle	Aerospace Daily	(202) 383-2350
Brian Berger	Space News	(703) 658-8400
Larry Wheeler	Gannett News	(703) 276-5816
Christine Romano	Greenwire (National Journal)	(703) 518-8724
Paul Smaglik	Nature	(202) 626-2532
Warren Leary*	New York Times	(202) 862-0378
David Malakoff*	Science	(202) 326-6500

David Kramer	Science & Government Report	(301) 889-0562
Jeff Cole	Wall Street Journal	(253) 874-2568
Wilbert Lepkowski	Washington Fax	(703) 476-0498
Kathy Sawyer*	Washington Post	(202) 334-7433

* Indicates Invitee to the Event

Finally, we are working with the Library to identify correspondents at the following "news weekly and monthly" publications who have recently written about either space or the oceans, and will follow-up with them.

Time - Eugene Linden (212-522-1212) was called, thanking him for his latest science piece and reminded of the event.

Newsweek - no recent articles found, therefore editorial board was informed via press release

Businessweek - Sharon Begley (232-445-4000) already knew of the event and will be viewing the webcast

Forbes - no recent articles found, therefore editorial board was informed via press release

Wired - 415-276-5000, editorial staff is aware of the event and will most likely view it via webcast.

Web Site Listings

Government:

NIST - link established

NOAA - spoke with webmaster on 6/7 re: delay

NASA - spoke with webmaster on 6/7 re: delay

OSTP - link established

NSF - link established

NGO: The organizations below have been or will be contacted to place links to the Millennium Council on their webpag

Science Coalition - The Science Coalition is an alliance of 416 organizations, institutions and individuals including Nobel Laureates, businesses, non-profit health organizations, medical groups, health care providers, scientific societies and public and private universities. The coalition's mission is to sustain the federal government's historic commitment to university-based science research

Dr. Lane asked them to host link. Rich Kostro followed-up last on 6/7

Council on Competitiveness - The Council sets an action agenda to drive U.S. economic competitiveness and leadership in world markets in order to raise the standard of living for all Americans. We focus on strengthening U.S. innovation, upgrading the workforce, and benchmarking national economic performance. Our members are corporate chief executives, university presidents, and labor leaders. Our national affiliates include nonprofit research organizations, professional societies, and trade associations.

Not expected to host link.

Association of American Universities - The Association of American Universities (AAU) was founded in 1900 by a group of fourteen universities offering the Ph.D. degree. The AAU currently consists of fifty-nine American universities and two Canadian universities. Approximately half are public institutions and half are private.

Dr. Lane asked them to host link. Rich Kostro last followed up on 6/7

National Academy of Science/National Academy of Engineering - For advice on the scientific issues that frequently pervade policy decisions, the nation's leaders often turn to the institution that was specially created for this purpose: the National Academy of Sciences and its sister organizations -- the National

Academy of Engineering, the Institute of Medicine, and the National Research Council. The Academies and the Institute are honorary societies that elect new members to their ranks each year. These non-profit organizations provide a public service by working outside the framework of government to ensure independent advice on matters of science, technology, and medicine. They enlist committees of the nation's top scientists, engineers, and other experts -- all of whom volunteer their time to study specific concerns. The results of their deliberations have inspired some of America's most significant and lasting efforts to improve the health, education, and welfare of the population.
Not expected to host link.

American Association for the Advancement of Science - The American Association for the Advancement of Science (AAAS, pronounced "Triple-A-S") is the world's largest general science organization and publisher of the peer-reviewed journal Science. With more than 138,000 members and 275 affiliated societies, AAAS serves as an authoritative source for information on the latest developments in science and bridges gaps among scientists, policy-makers and the public to advance science and science education.

Link expected, but not yet up. Rich Kostro last followed up on 6/7

Ira Flatow - Ira has been contacted, and most likely will mention it on his "Science Friday" broadcast. He will not be able to do a broadcast of the event, as he would need several months notice.

The White House
Office of the First Lady

FOR IMMEDIATE RELEASE
June 8, 2000

CONTACT: LISSA MUSCATINE
ERIKA BATCHELLER
JENNIFER SMITH
202/456-2960

Please Note Addition of Satellite Downlink Coordinates

The President and First Lady to Host Millennium "Matinee" at the White House
"Exploration: Under the Sea, Beyond the Stars"

Monday, June 12, 2000
2:30 p.m. EST

Washington, D.C. – On Monday, June 12, 2000, the President and First Lady will host a Millennium "Matinee" at the White House, the ninth event in the Millennium Evening series. "Exploration: Under the Sea, Beyond the Stars" will explore the American quest for discovery into the farthest reaches of sea and space, two of the remaining frontiers of exploration.

The program will feature two noted scientists, Dr. Marcia McNutt, president of the Monterey Bay Aquarium and Research Institute in California, and Dr. Neil de Grasse Tyson, director of the Hayden Planetarium in New York. The presenters will discuss what we are learning from deep sea and deep space research and what these fields have in common.

The Millennium Matinee will take place at 2:30 p.m. EST in the East Room of the White House. The audience will include local students, educators, scientists and other experts in space and sea exploration. The program will be cybercast live over the Internet and broadcast via satellite to locations around the country. For information on downlink sites, contact the White House Millennium Council at www.whitehouse.gov/Initiatives/Millennium/evenings.html.

The public is encouraged to participate in the event's discussion by e-mailing questions or comments prior to or during the cybercast. Questions should be sent to the White House Millennium Council web site (listed above). The site will also serve as a link to the cybercast.

Millennium Evenings at the White House are a series of lectures and cultural programs hosted by the President and First Lady that highlight the creativity and inventiveness of the American people through ideas, art and scientific discoveries. These Evenings are part of the White House Millennium Council's national efforts to commemorate the new millennium with activities that reflect the theme "Honor the Past – Imagine the Future."

Millennium Evenings are co-sponsored by the White House Millennium Council and the National Endowment for the Humanities with support from Sun Microsystems and the Howard Gilman Foundation.

Note: Background information about the presenters is attached.

EVENT: "Exploration: Under the Sea, Beyond the Stars"
DATE: Monday, June 12, 2000
TIME: 2:30 – 4:00 p.m. EST
LOCATION: The East Room
The White House
Washington, D.C.

Satellite Downlink Coordinates:

C-Band: Satellite: Galaxy 3; Transponder/Channel: 15
Orbital Location: 95 degrees West
Downlink Frequency: 4000 mHz
Polarity: Horizontal; Audio: 6.2 and 6.8

KU-Band: Satellite: Galaxy 7; Transponder/Channel: 16
Orbital Location: 91 degrees West
Downlink Frequency: 12018 mHz
Polarity: Vertical; Audio: 6.2 and 6.8

Press Notes:

This event is open for correspondents and pooled for television and still cameras. Press who are not credentialed by the White House should fax on company letterhead their full name, date of birth, and social security number to the First Lady's Press Office at 202-456-7805.

First Escort from White House Briefing Room for pre-set: 12:00 p.m.

Final Escort from White House Briefing Room: 2:05 p.m.

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About the presenters:

Astrophysicist **Neil de Grasse Tyson** is the Frederick P. Rose Director of the Hayden Planetarium in New York City. A Harlem native, Dr. Tyson went to the Bronx High School of Science, earned a B.A. in Physics from Harvard, and then his Ph.D. in Astrophysics from Columbia University. His special areas of interest are dwarf galaxies, exploding stars and the evolution of the Milky Way. Tyson is a visiting professor at Princeton and author of Our Universe: At Home in the Cosmos. He has published numerous scholarly articles and writes for popular science publications such as *Natural History*.

Marcia McNutt is the president and chief executive officer of the Monterey Bay Aquarium and Research Institute in Moss Landing, California. Born and raised in Minnesota, she graduated *summa cum laude* in physics from Colorado College. She then earned her Ph.D. in Earth Sciences from the Scripps Institution of Oceanography in La Jolla, California. She spent 15 years at MIT researching and teaching in geophysics, and served as the director of the Joint Program in Oceanography and Applied Ocean Science and Engineering between MIT and the Woods Hole Oceanographic Institution. Her research has focused on the physical properties of the earth beneath the oceans.