

## APPENDIX E. Conferences

The conferences at which OSS E/PO had a substantial presence in FY 2001 are listed below. To get a complete listing of the E/PO activities that OSS conducted at each conference, please visit the online version of this Annual Report at <http://spacescience.nasa.gov/education> (under the link to "Annual Report") and, under the "Search" function, use the pull-down labeled "Conference."

### National Education and Outreach

2001 National Boy Scouts Jamboree  
 American Association of Physics Teachers (AAPT) Conference  
 American Association of Physics Teachers (AAPT) Conference  
 American Library Association (ALA) Meeting  
 Association for Experiential Education International Conference  
 Association for the Education of Teachers of Science (AETS) Meeting  
 Association of Science-Technology Centers (ASTC) Conference  
 Challenger Learning Center National Flight Director Training  
 International Hands-On Universe Annual Conference  
 International Technology Education Association (ITEA) Meeting  
 Learning Strategies for Science Education Web Sites  
 National Association of Black Geologists and Geophysicists - Celebrating 20 Years  
 National Council of Supervisors of Mathematics  
 National Council of Teachers of Mathematics (NCTM) Conference  
 National Educational Telecommunications Association FirstView 2001  
 National Science Olympiad  
 National Science Olympiad Coaches Clinic  
 National Science Teachers Association (NSTA) National Conference  
 National Youth Science Camp 2001  
 Women's Transportation Seminar

Fort A.P. Hill, VA, July 2001  
 Rochester, NY, July 2001  
 San Diego, CA, January 2001  
 San Francisco, CA, June 2001  
 Tucson, AZ, November 2000  
 Costa Mesa, CA, January 2001  
 Cleveland, OH, October 2000  
 Alexandria, VA, September 2001  
 Berkeley, CA, July 2001  
 Atlanta, GA, March 2001  
 Salt Lake City, UT, November 2000  
 New Orleans, LA, September 2001  
 Orlando, FL, April 2001  
 Orlando, FL, April 2001  
 Dallas, TX, August 2001  
 Boulder, CO, May 2001  
 Hammond, IN, October 2000  
 St. Louis, MO, March 2001  
 Bartow, WV, July 2001  
 Long Beach, CA, April 2001

### Regional Education and Outreach

21st Century Community Learning Centers  
 Alabama Education Association Aerospace Celebration  
 American Association of Physics Teachers (AAPT) New England Chapter  
 Arizona MESA  
 California Mathematics Council-Asilomar  
 California Science Teachers Association (CSTA) 2000  
 Education Development Center, Inc. (EDC) Conference  
 Edufest  
 Expanding Your Horizons (Math Science Network)  
 Foundations and Revolutions (Louisiana Library Association)  
 Great Lakes Planetarium Association Annual Conference  
 Great Lakes Planetarium Association Southeastern Region 2001  
 Great Lakes Planetarium Association—Ohio Meeting  
 Hoosier Association of Science Teachers Annual Convention  
 Kansas Association of Teachers of Science (KATS) Kamp 2001  
 Latino Educató (ASPIRA)  
 Michigan Association for Computer Users in Learning Educators Conference  
 Middle Atlantic Planetarium Society 2001 Conference  
 National Council of Teachers of Mathematics (NCTM) Fall Regional Conference  
 National Science Education Leadership Association (NSELA) 2001 Mini-Conference  
 National Science Teachers Association (NSTA) Eastern Area Conference  
 National Science Teachers Association (NSTA) Midwestern Area Conference  
 National Science Teachers Association (NSTA) Southwestern Area Conference  
 Nebraska Association of Teachers of Science (NATS) Fall Conference 2000  
 New Jersey Science Convention  
 Northwest Evaluation Association (NWEA) Convention

Wichita, KS, July 2001  
 Gadsden, AL, March 2001  
 Milton, MA, November 2000  
 Casa Grande, AZ, September 2001  
 Pacific Grove, CA, November 2000  
 Sacramento, CA, October 2000  
 Spearfish, SD, October 2000  
 Boise, ID, July 2001  
 Santa Rosa, CA, March 2001  
 Lafayette, LA, March 2001  
 Chicago, IL, October 2000  
 Richmond, KY, June 2001  
 Canton, OH, March 2001  
 Indianapolis, IN, February 2001  
 Junction City, KS, April 2001  
 Atlantic City, NJ, May 2001  
 Detroit, MI, March 2001  
 Pittsburgh, PA, May 2001  
 Omaha, NE, October 2000  
 St. Louis, MO, March 2001  
 Baltimore, MD, November 2000  
 Milwaukee, WI, October 2000  
 Phoenix, AZ, December 2000  
 Fremont, NE, October 2000  
 Somerset, NJ, October 2000  
 Green Bay, WI, March 2001

Orange County Outdoors Educators Conference  
 Pennsylvania Science Teachers Association Annual Meeting  
 San Diego Science Educator's Association Conference  
 Science Teachers Association of Texas Conference for the Advancement of  
 Science Teaching  
 TechEd '01  
 Texas Library Association  
 Utah Science Teachers Association (USTA) Conference  
 Wisconsin Educational Media Association Spring Conference  
 Young Diné Men's Leadership Conference  
 Young Diné Women's Leadership Conference

### Science

AAS/Division for Planetary Sciences (DPS) Meeting  
 AAS/High Energy Astrophysics Division (HEAD) Executive Committee Meeting  
 AAS/High Energy Astrophysics Division (HEAD) Meeting  
 American Association of Variable Star Observers (AAVSO) Annual Meeting 2000  
 American Astronomical Society (AAS) Meeting  
 American Astronomical Society (AAS) Meeting  
 American Geophysical Union (AGU) Meeting  
 American Geophysical Union (AGU) Meeting  
 Astronomical Society of the Pacific (ASP) Meeting  
 Gamma 2001  
 Geological Society of America (GSA) Meeting  
 Lunar and Planetary Science Conference (LPSC), March 2001

Oak Glen, CA, January 2001  
 Champion, PA, December 2000  
 San Diego, CA, March 2001

College Station, TX, October 2000  
 Ontario, CA, March 2001  
 San Antonio, TX, March 2001  
 Provo, UT, February 2001  
 Green Bay, WI, March 2001  
 Flagstaff, AZ, February 2001  
 Flagstaff, AZ, January 2001

Pasadena, CA, October 2000  
 Honolulu, HI, November 2000  
 Honolulu, HI, November 2000  
 Waltham, MA, October 2000  
 Pasadena, CA, June 2001  
 San Diego, CA, January 2001  
 Boston, MA, May 2001  
 San Francisco, CA, December 2000  
 St. Paul, MN, July 2001  
 Baltimore, MD, April 2001  
 Reno, NV, November 2000  
 Houston, TX, March 2001

## APPENDIX F. Awards

Awards and other forms of public recognition received by the OSS E/PO program in FY 2001 are listed below. Each listing contains the following information

**Organization:**

Organization making or sponsoring the award.

**Award:**

Name of the award.

**Mission/Program:**

OSS mission or program receiving the award.

**Activity/Person:**

OSS E/PO product or activity, or OSS-affiliated individual receiving the award.

Sponsor	Award
Organization	Award
American Association for the Advancement of Science	Award of Excellence
American Physical Society	APS Citation
Astronomical Society of the Pacific	ASP Citation
BigChalk.com	BigChalk.com Award
Busy Educator	Busy Educator's Award
City Bank	Targeted Industries Growth Report (TIGR)
Communicator Awards	Communicator Award of Distinction
Communicator Awards	Crystal Award of Excellence
Coolmath.com	Science Monster Page
Coolmath.com	Science Monster Page
CPSnet Web Awards	High In The Sky Gold Seal
Des Moines (Iowa) Register	Des Moines Register Hot Web Site
edHelper.com	Honor Roll Selected Site
Eisenhower National Clearinghouse	Digital Dozen Award
Eisenhower National Clearinghouse	Digital Dozen Award
Evaluation and Development Institute	Awesome Library Editor's Choice Award
Evaluation and Development Institute	Awesome Library Editor's Choice Award
Evaluation and Development Institute	Awesome Library Editor's Choice Award
Evaluation and Development Institute	Awesome Library Editor's Choice Award
Great Lakes Planetarium Association	Armand Spitz Memorial Lecturer 2001
Griffith Observatory	Star Award
Griffith Observatory	Star Award
Griffith Observatory	Star Award
<a href="http://site-a-day.com/">http://site-a-day.com/</a>	Site A Day—The Best Web Sites on Earth
International Center of Photography	Infinity Award for Applied Photography
International Technology Education Association	Presidential Citation
Jet Propulsion Laboratory	Award for Excellence
Jet Propulsion Laboratory	Award for Excellence
LightSpan Inc.	StudyWeb Academic Excellence Award
Los Angeles County Office of Education	LA County Office of Education Award
Midlink Magazine	Web Honor Roll
Midlink Magazine	Web Honor Roll
NASA Goddard Space Flight Center	NASA Exceptional Service Medal
NASA Goddard Space Flight Center	NASA Group Achievement Award
NASA Goddard Space Flight Center	NASA Outstanding Leadership Medal
NASA Headquarters	NASA Group Achievement Award
National Academy Press	National Academy Press Recommendation
National Science Teachers Association	NSTA sciLINKS
National Science Teachers Association	NSTA sciLINKS
National Science Teachers Association	NSTA sciLINKS
Net-mom	Net-mom Approved
Raytheon ITSS Corporation	Excellence in Outreach
Scala Multimedia Users Conference	Scala Broadcast Multimedia Excellence
Science News Radio	News Radio Hot Site
Sky and Telescope Magazine	Citation for Excellence
Space Telescope Science Institute	STScI Group Achievement Award
Suite101.com	Top Five Web Sites
Teacher Information Network	Teacher Sites Reviewed
U.S. Department of Education	Educational Excellence Award
Universal Press Syndicate	4Kids Project
University of Wisconsin-Madison	Scout Report for Science and Engineering
University of Wisconsin-Madison	Scout Report for Science and Engineering
USAToday.com	Hot Site
USAToday.com	Hot Site
Web Feet	Seal of Approval
Web Marketing Association, Inc.	Outstanding Web Site

Recipient	Activity/Person
Mission/Program	Activity/Person
SIRTF Science Center	SIRTF Web Site
SIRTF Science Center	SIRTF Web Site
SIRTF Science Center	SIRTF Web Site
Gravity Probe B	GP-B Web Site
Chandra X-Ray Center	CXC Public Web Site
Minority University Initiative	Richard Crowe and Alice Kawakami
NEAR	NEAR Web Site
Hubble Space Telescope	Hubble: The First Decade Video
New Millennium Program	Space Place
Keck Interferometer	Blinded by the Light!
Chandra X-Ray Center	CXC Public Web Site
Chandra X-Ray Center	CXC Public Web Site
Chandra X-Ray Center	CXC Public Web Site
Hubble Space Telescope	Amazing Space
Chandra X-Ray Center	CXC Public Web Site
New Millennium Program	Space Place
Information Systems	Science Education Gateway
Chandra X-Ray Center	CXC Public Web Site
Keck Interferometer	Blinded by the Light!
Hubble Space Telescope	Mr. John M. Stoke
Solar System Theme Lead	Solar System Exploration Web Site
Hubble Space Telescope	Amazing Space
Chandra X-Ray Center	CXC Public Web Site
Hubble Space Telescope	HubbleSite
Hubble Space Telescope	Hubble Heritage Program
New Millennium Program	Space Place
New Millennium Program	Space Place
Solar System Ambassadors and Educators	Ms. Kay Ferrari
Chandra X-Ray Center	CXC Public Web Site
SIRTF Science Center	SIRTF Web Site
New Millennium Program	Space Place
Keck Interferometer	Blinded by the Light
SUNBEAMS	Dr. Carol Jo Crannell
Sun-Earth Connection Education Forum	
Sun-Earth Connection Education Forum	Dr. Richard R. Vondrak
SEC and Origins Education Forums	Space Science Resource Directory Development Team
SIRTF Science Center	SIRTF Web Site
Passport to the Universe	P2K Web Site
New Millennium Program	Space Place
Chandra X-Ray Observatory	CXC Public Web Site
Chandra X-Ray Center	CXC Public Web Site
IMAGE	Dr. Sten Odenwald
Hubble Space Telescope	Mr. John M. Stoke
SIRTF Science Center	SIRTF Web Site
SIRTF Science Center	SIRTF Web Site
Hubble Space Telescope	Hubble Space Telescope: New Views of the Universe
Hubble Space Telescope	HubbleSite
Chandra X-Ray Center	CXC Public Web Site
SIRTF Science Center	SIRTF Web Site
Passport to Knowledge	
Gravity Probe B	GP-B Web Site
Chandra X-Ray Center	CXC Public Web Site
Hubble Space Telescope	HubbleSite
Chandra X-Ray Center	CXC Public Web Site
Gravity Probe B	GP-B Web Site
Genesis	Genesis Web Site

## APPENDIX G. NASA Education Leads

The OSS E/PO products and activities described in this report are only one part of a broad NASA Education Program that spans all of the NASA Strategic Enterprises and Field Centers, as well as the Jet Propulsion Laboratory. The persons responsible for conducting education programs at each of these locations are listed below.

### NASA HEADQUARTERS

#### Office of Space Science

Dr. Jeffrey Rosendhal  
 Education and Public Outreach Director  
 NASA Headquarters  
 Code S  
 202-358-2470  
*Jeffrey.Rosendhal@hq.nasa.gov*  
<http://spacescience.nasa.gov/education/>

#### Office of Human Resources and Education

Mr. Frank Owens  
 Director, Education Division  
 NASA Headquarters  
 Code FE  
 202-358-1110  
<http://education.nasa.gov/>

#### Office of Equal Opportunity Programs

Mr. George Reese  
 Acting Director, Minority University Research and Education Division  
 NASA Headquarters  
 Code EU  
 202-358-0970  
<http://mured.nasaprs.com/>

#### Office of Aerospace Technology

Mr. Bill Anderson  
 Code RP  
 202-358-4732  
*William.Anderson@hq.nasa.gov*  
<http://www.aerospace.nasa.gov/>

#### Office of Biological and Physical Research

Ms. Bonnie McClain  
 Chief, Education  
 NASA Headquarters  
 Code U  
*Bonnie.McClain@hq.nasa.gov*  
<http://spaceresearch.nasa.gov/>

**Office of Earth Science**

Dr. Ming-Ying Wei  
 Manager, Earth Science Enterprise Education Programs  
 NASA Headquarters  
 Code YO  
 202-358-0771  
[mwei@hq.nasa.gov](mailto:mwei@hq.nasa.gov)  
<http://www.earth.nasa.gov/>

Dr. Blanche Meeson  
 Head, Earth Science Enterprise Education Program Implementation  
 NASA Goddard Space Flight Center  
 Mail Code 900.2  
 301-286-7831  
[bmeeson@see.gsfc.nasa.gov](mailto:bmeeson@see.gsfc.nasa.gov)

**Office of Human Exploration and Development of Space**

Ms. Alotta Taylor  
 Code MX  
 202-358-2534  
[ataylor@hq.nasa.gov](mailto:ataylor@hq.nasa.gov)  
<http://spaceflight.nasa.gov/>

## NASA CENTERS

**NASA Ames Research Center (ARC)**

Mr. Donald James  
 Director of Education  
 NASA Ames Research Center  
 650-604-4967  
<http://www.arc.nasa.gov/kids.html>

**NASA Dryden Flight Research Center (DFRC)**

Dr. Marianne McCarthy  
 Director of Education  
 NASA Dryden Flight Research Center  
 Mail Stop 4839  
 661-276-2281  
<http://www.dfrc.nasa.gov/trc/>

**NASA Glenn Research Center (GRC)**

Mr. John Hairston, Jr.  
 Director of Education  
 NASA Glenn Research Center  
 External Programs Directorate  
 216-433-8686  
<http://www.grc.nasa.gov/Doc/educatn.htm>

**NASA Goddard Space Flight Center (GSFC)**

Dr. Robert Gabrys  
 Director of Education  
 NASA Goddard Space Flight Center  
 301-286-7205  
<http://education.gsfc.nasa.gov/>

**NASA Jet Propulsion Laboratory (JPL)**

Dr. Parvin Kassaie  
Director of Education  
NASA Jet Propulsion Laboratory  
Mail Stop 180-109  
818-354-8814  
<http://education.jpl.nasa.gov/>

**NASA Johnson Space Center (JSC)**

Mr. Mike Kincaid  
Chief, Education and Student Programs Branch  
NASA Johnson Space Center  
Human Resources Office/AH2  
281-483-6848  
<http://education.jsc.nasa.gov/>

**NASA Kennedy Space Center (KSC)**

Ms. Pamela Biegert  
Deputy, Education Programs and University Research Division  
NASA Kennedy Space Center  
Mail Code XA-D  
321-867-4444  
<http://www-pao.ksc.nasa.gov/kscpao/educate/edu.htm>

**NASA Langley Research Center (LaRC)**

Dr. Samuel Massenberg  
Director of Education  
NASA Langley Research Center  
Office of Education, Code 400  
757-864-5800  
<http://edu.larc.nasa.gov/>

**NASA Marshall Space Flight Center (MSFC)**

Mr. Jim Pruitt  
Manager, Education Programs Department  
NASA Marshall Space Flight Center  
Mail Code CD60  
256-544-8800  
<http://education.msfc.nasa.gov/>

**NASA Stennis Space Center (SSC)**

Dr. David Powe  
Manager, Educational Programs  
NASA Stennis Space Center  
228-688-3830  
<http://education.ssc.nasa.gov/>

## APPENDIX H. Geographical Index

This index cross-references by geographical location the institutions and organizations that led the development or implementation of OSS E/PO products or activities in FY 2001. A more comprehensive geographical index that also includes the institutions and organizations of participating scientists, technologists, and support personnel and of the venues at which FY 2001 events were held is available in the online version of this Annual Report at <http://spacescience.nasa.gov/education> under the link to "Annual Report." You may use the Institution/Organization and/or City, State, and Zip Code search functions in the online version to locate the specific products or activities with which each individual, institution, organization, or locality was involved.

### United States and U.S. Territories:

#### Alabama

##### Auburn

4-H National

##### Birmingham

McWane Science Center  
Southern Museum of Flight

##### Gadsden

Gadsden Public Library

##### Huntsville

NASA Marshall Space Flight Center  
University of Alabama at Huntsville

##### Maxwell AFB

National HQ Civil Air Patrol  
Southeast Region Civil Air Patrol

##### Montgomery

Gayle Planetarium  
Maxwell-Gunter AFB

##### Normal

Alabama A&M University

#### Alaska

##### Anchorage

Imaginarium Science Discovery Center

##### Barrow

Tuzzy Consortium Library

##### Juneau

Alaska State Library Association

#### Arizona

##### Flagstaff

United States Geological Survey

##### Parker

Parker Public Library

##### Phoenix

Academic Research Lab  
Arizona Science Center

##### Tempe

Arizona Library Association  
Arizona State University

##### Tsaile

Diné College

##### Tucson

Coronado Instruments  
National Optical Astronomy Observatory  
Pima Air & Space Museum  
Planetary Science Institute  
Pompea & Associates  
Tucson Children's Museum  
University of Arizona

#### Arkansas

##### Conway

Arkansas Library Association

##### Fayetteville

Arkansas Air Museum

##### Fort Smith

Fort Smith Public Library

##### Little Rock

4-H Arkansas  
Museum of Discovery

##### Pine Bluff

Arts and Science Center for Southeast Arkansas

#### California

##### Apple Valley

Lewis Center for Educational Research

**Berkeley**

Lawrence Berkeley National Laboratory  
Lawrence Hall of Science  
University of California, Berkeley

**Hawthorne**

Western Museum of Flight

**La Jolla**

Malin Space Science Systems  
University California San Diego Television

**Lake Arrowhead**

Mountain Skies Astronomical Society

**Livermore**

Lawrence Livermore National Laboratory

**Los Angeles**

Griffith Observatory  
Los Angeles Times  
University of Southern California

**Marina del Rey**

BOAZ Enterprises

**Moffett Field**

NASA Ames Research Center  
NASA Astrobiology Institute  
Universities Space Research Association (USRA)/SOFIA

**Mountain View**

SETI Institute

**Mt. Wilson**

Mt. Wilson Institute

**North Highlands**

McClellan Aviation Museum

**Oakland**

Chabot Space and Science Center  
Museum of African American Technology Science Village  
Western Aerospace Museum

**Ontario**

Chaffey High School

**Palo Alto**

Lockheed Martin Advanced Technology Center  
Lockheed Martin Solar and Astrophysics Lab  
SIRTF Science Center

**Pasadena**

California Institute of Technology  
Carnegie Observatories

NASA Jet Propulsion Laboratory  
Pasadena City College  
Planetary Data System  
Telescopes in Education Foundation

**Paso Robles**

Estrella Squadron, Warbird Museum

**Pomona**

NASA Jet Propulsion Laboratory ERC

**Redding**

Schreder Planetarium & Science Learning Center  
Turtle Bay Museums

**Riverside**

City of Riverside Public Library  
March Field Museum

**Rohnert Park**

Sonoma State University

**Sacramento**

California Library Association  
Discovery Museum

**San Diego**

Flying Leatherneck Aviation Museum

**San Francisco**

AboveNet Communications, Inc  
Astronomical Society of the Pacific (ASP)  
Exploratorium  
Magnetic Image Video  
Smash TV

**San Jose**

San Jose Unified School District

**Santa Barbara**

University of California, Santa Barbara

**Santa Cruz**

Lick Observatory  
Society for the Advancement of Chicanos and Native  
Americans in Science  
University of California, Santa Cruz

**Santa Maria**

Santa Maria Museum of Flight

**Somis**

Mesa Union School Library

**Stanford**

Stanford University

**Stockton**

Children's Museum of Stockton

**Victorville**

Victory Valley College

**Colorado****Arvada**

Denver Museum &amp; Arvada Center for the Arts

**Aurora**Mid-continent Research for Education and Learning  
(McREL)**Boulder**Ball Aerospace Technologies Corp.  
Geological Society of America (GSA)  
Space Science Institute  
University Corporation for Atmospheric Research (UCAR)  
University of Colorado  
World Hope Foundation**Colorado Springs**Biological Sciences Curriculum Study  
John May Museum Center**Denver**Colorado Math, Science, & Technology Education Coalition  
(COMSTEC)  
Colorado Outward Bound School  
Condit Exhibits  
Denver Museum of Nature and Science  
Denver Post**Ft. Collins**

Center for Science, Mathematics, and Technology (CSMATE)

**Grand Junction**

Grand Junction Public Library

**Littleton**

Rocky Mountain Civil Air Patrol

**Peterson AFB**

Peterson AFB

**Connecticut****Bridgeport**

Discovery Museum

**Groton**

Subase Youth Center

**Hartford**

Hartford Courant

**Manchester**

Lutz Children's Museum

**Windsor Locks**

New England Air Museum

**Delaware****Dover**

Dover Public Library

**Newark**

4-H Delaware

**Wilmington**

Wilmington Public Library

**District of Columbia****Washington**American Association for the Advancement of Science  
(AAAS)  
American Astronomical Society (AAS)  
Association of Science-Technology Centers (ASTC)  
Carnegie Academy for Science Education  
Carnegie Institute of Washington  
NASA Office of Earth Science  
NASA Office of Equal Opportunity Programs  
NASA Office of Human Resources and Education  
NASA Office of Public Affairs  
NASA Office of Space Flight  
NASA Office of Space Science  
National Alliance of State Science and Math Coalitions  
(NASSMC)  
National Organization of Black Chemists and Chemical  
Engineers (NOBCChE)  
Naval Research Laboratory  
Smithsonian Institution  
Smithsonian National Air and Space Museum  
U.S. Department of Education  
United States Naval Observatory  
Young Technocrats, Inc.**Florida****Boca Raton**

Children's Museum

**Elgin AFB**

Elgin AFB

**Fort Myers**

Calusa Nature Center &amp; Planetarium

**Ft. Lauderdale**

Museum of Discovery and Science

**Gainesville**

4-H Florida

**Kennedy Space Center**Kennedy Space Center Visitor Center  
NASA Kennedy Space Center**Mayport**

Naval Station Mayport

**Melbourne**

Florida Institute of Technology

**Orlando**

Orlando Science Center

**Panama City**

Junior Museum of Bay County

**Pensacola**

Pensacola Public Library

**Sarasota**

G.WIZ (Gulfcoast Wonder and Imagination Zone)

**Satellite Beach**

Patrick AFB Youth Center

**Tallahassee**

Florida A&amp;M University

**West Palm Beach**

South Florida Science Museum

**Georgia****Atlanta**Boys & Girls Clubs, National HQ  
Fernbank Science Center  
National Association of Mathematicians  
Zoo Atlanta**Columbus**Coca-Cola Space Science Center  
Omnisphere Theater**Fort Gordon**

Fort Gordon Youth Center

**Ft. Benning**

Fort Benning Youth Services

**Macon**

Museum of Arts &amp; Sciences

**Savannah**

Chatham-Effingham-Liberty Regional Library

**Waycross**

Southern Forest World

**Guam****Mangilao**

University of Guam Planetarium

**Hawaii****Ewa Beach**

Ewa Beach Public Library

**Hilo**Gemini Observatory  
Kamehameha Schools  
University of Hawaii at Hilo**Honolulu**Bishop Museum  
Kamahameha Elementary School  
NASA Infrared Telescope Facility (IRTF)  
State Library of Hawaii  
University of Hawaii at Manoa**Idaho****Boise**

Warhawk Air Museum

**Coeur d'Alene**

Coeur d'Alene Public Library

**Lewiston**

Lewis-Clark College

**Moscow**

University of Idaho

**Mountain Home**

Mountain Home AFB

**Illinois****Aurora**

SciTech Hands On Museum

**Batavia**

Fermilab

**Bourbonnais**

Exploration Station

**Carbondale**

Carbondale Public Library

**Champaign**

Staerkel Planetarium

**Chicago**Adler Planetarium and Astronomy Museum  
Chicago Public School District  
DePaul University  
Walter Payton High School**Normal**

Illinois State University Planetarium

**Peoria**

Lakeview Museum of Arts &amp; Science

**Rockford**

Discovery Center

**Scott AFB**

Scott AFB

**Springfield**

Springfield Children's Museum

**Indiana****Evansville**

Koch Science Center &amp; Planetarium

**Fort Wayne**

Hands-on Science Central Museum

**Marshall**

Turkey Run State Park &amp; Planetarium

**Muncie**

Muncie Community Schools' Planetarium

**Iowa****Ames**

Iowa State University

**Bettendorf**

Family Museum

**Cedar Rapids**

Science Station

**Cherokee**

Sanford Museum &amp; Planetarium

**Des Moines**Iowa Library Association  
State Library of Iowa**Kansas****Colby**

4-H Kansas

**Dodge City**

Dodge City Public Library

**Greenbush**

Southeast Kansas Education Service Center

**Liberal**

Mid America Air Museum

**McConnell AFB**

McConnell AFB

**Pittsburg**

Pittsburg State University

**Topeka**

Combat Air Museum

**Wichita**

Kansas Aviation Museum

**Kentucky****Ashland**

Highlands Museum &amp; Discovery Center

**Bowling Green**

Western Kentucky University

**Fort Campbell**

Fort Campbell Child and Youth Services

**Fort Knox**

Fort Knox

**Golden Pond**

Golden Pond Planetarium

**Lexington**

4-H Kentucky

**Louisville**

Louisville Science Center

**Newport**

Newport Aquarium

**Richmond**

Hummel Planetarium

**Louisiana****Baton Rouge**

Louisiana State University  
 Recreation and Park Commission for the Parish of East  
 Baton Rouge  
 Southern University and A&M College

**Bossier**

Barksdale AFB Youth Center

**Fort Polk**

Fort Polk

**Lafayette**

Lafayette Planetarium

**Monroe**

Ouachita Public Library

**New Orleans**

Astronomy Center

**Maine****Bangor**

4-H Maine

**Fairfield**

Northern Stars Planetarium

**Owls Head**

Owls Head Transportation Museum

**Portland**

Southworth Planetarium

**Maryland****Andrews AFB**

Andrews AFB  
 Middle East Region Civil Air Patrol

**Baltimore**

Grace and St. Peter's School  
 Johns Hopkins University  
 Maryland Science Center  
 Space Telescope Science Institute  
 University of Maryland at Baltimore County

**Clarksburg**

National Institutes of Health Black Scientists Association

**College Park**

4-H Maryland  
 University of Maryland

**Fort Meade**

Fort Meade

**Germantown**

Montgomery College

**Greenbelt**

Ilana Harrus  
 NASA Goddard Space Flight Center  
 Raytheon/Goddard Space Flight Center

**Hagerstown**

Washington County Free Library

**Lanham**

Howard B. Owens Science Center  
 Raytheon ITSS  
 Science Systems and Applications, Inc.

**Laurel**

Johns Hopkins Applied Physics Laboratory

**Prince Frederick**

Storer Planetarium

**Towson**

Towson University

**Massachusetts****Amherst**

Bassett Planetarium

**Boston**

Boston University  
 Institute for African-American e-Culture  
 Museum of Science

**Cambridge**

Chandra X-Ray Center  
 Harvard University  
 Harvard-Smithsonian Center for Astrophysics  
 Massachusetts Institute of Technology  
 TERC

**Dedham**

Mystic Scenic Studios, Inc.

**Fitchburg**  
Wallace Planetarium

**Groton**  
Loch Ness Productions

**Medford**  
Tufts University  
Wright Center for Innovative Science Education

**Norwell**  
South Shore Natural Science Center

**Somerville**  
Jeff Kennedy & Associates, Inc.

**Walpole**  
4-H Massachusetts

**Woods Hole**  
Marine Biological Laboratory

**Worcester**  
EcoTarium

**Michigan**

**Bay City**  
Delta College Planetarium

**East Lansing**  
4-H Michigan

**Flint**  
Longway Planetarium

**Kalamazoo**  
Kalamazoo Valley Museum  
Universe Theater & Planetarium

**Marquette**  
Peter White Public Library

**Saint Joseph**  
Curious Kids Museum

**Sang**  
U.S. Army Garrison-Selfridge

**Minnesota**

**Hibbing**  
Paulucci Space Theater

**Mankato**  
Minnesota Valley Regional Library

**Minneapolis**  
4-H Minnesota  
North Central Region Civil Air Patrol  
Project Universe

**Mississippi**

**Jackson**  
Russell C. Davis Planetarium

**Meridian**  
Meridian Public Library

**Missouri**

**Columbia**  
4-H Missouri  
Daniel Boone Regional Library  
Missouri Library Association

**Joplin**  
Joplin Public Library

**Malden**  
Bootheel Youth Museum

**Mexico**  
Eugene Field Accelerated School Library

**Springfield**  
Discovery Center of Springfield

**St. Louis**  
Washington University

**Montana**

**Billings**  
Billings Public Library

**Bozeman**  
4-H Montana  
Museum of the Rockies

**Pablo**  
Salish Kootenai College

**Nebraska**

**Lincoln**  
4-H Nebraska

**Norfolk**  
Norfolk Public Library

**Omaha**

Mallory Kountze Planetarium

**Scottsbluff**

Riverside Zoo

**Nevada****Carson City**

Children's Museum of Northern Nevada

**North Las Vegas**

Planetarium

**Reno**

Fleischmann Planetarium

**New Hampshire****Durham**4-H New Hampshire  
University of New Hampshire**Londonderry**

Children's Metamorphosis Museum

**Portsmouth**

Children's Museum of Portsmouth

**New Jersey****Cape May**

Teitelman Middle School

**Egg Harbor Township**

Children's Museum

**McGuire AFB**McGuire AFB  
Northeast Region Civil Air Patrol**Medford**

Air Victory Museum

**Morristown**

Geoff Haines-Stiles Productions, Inc.

**Princeton**

Princeton University

**Somerville**

Planetarium

**Toms River**

Novins Planetarium

**New Mexico****Alamogordo**

New Mexico Museum of Space History

**Albuquerque**American Indian Science and Engineering Society (AISES)  
Southwestern Indian Polytechnic Institute  
University of New Mexico**Canoncito**

To'Hajiilee Community School Library

**Farmington**

Farmington Public Library

**Holloman AFB**

Holloman AFB Youth Center

**Kirkland AFB**

Kirkland AFB

**Las Cruces**

Las Cruces Museum of Natural History

**Las Vegas**

New Mexico Highlands University

**Los Alamos**

Los Alamos National Laboratory

**Portales**

Eastern New Mexico University

**Rociada**New Mexico Partnership for Math & Science Education  
(NMPMSE)  
NSF/Rural Systemic Initiative for Utah, Colorado, Arizona,  
New Mexico**Shiprock**

Diné College

**New York****Binghamton**

Roberson Museum &amp; Science Center

**Brooklyn**

Medgar Evers College

**Buffalo**Buffalo Museum of Science  
Council for African American Researchers in the  
Mathematical Sciences (CAARMS)

**Corning**  
Corning Incorporated

**Elmira**  
National Soaring Museum

**Fort Drum**  
Fort Drum Youth Services

**Ithaca**  
Cornell University

**Jamaica**  
York College

**New York**  
American Museum of Natural History  
CBS Corporation  
City College of New York  
Girl Scouts of the USA (GSUSA) National Headquarters  
YWCA of America

**Niagara Falls**  
Niagara Aerospace Museum

**Rochester**  
International Planetarium Society  
Strasenburgh Planetarium, Rochester Museum & Science Center

**Suffern**  
Challenger Learning Center

**Syracuse**  
Milton Rubenstein Museum of Science & Technology

**Utica**  
Utica Zoo

## **North Carolina**

**Camp Lejeune**  
Camp Lejeune MCB

**Chapel Hill**  
Morehead Planetarium

**Fayetteville**  
Fascinate-U Children's Museum

**Greensboro**  
Edward Zane Planetarium/The Natural Science Center  
National Society of Black Physicists (NSBP)

**Hickory**  
Catawba Science Center

**Raleigh**  
4-H North Carolina

**Rocky Mount**  
Rocky Mount Children's Museum

**Statesville**  
Children's Museum of Iredell County

**Wilson**  
Imagination Station Science Museum

## **North Dakota**

**Fargo**  
Children's Museum at Yunker Farm

**Minot**  
Minot Public Library

## **Ohio**

**Canton**  
Hoover Price Planetarium

**Chillicothe**  
Northside Branch Library

**Cincinnati**  
Cincinnati Museum Center

**Cleveland**  
Ohio Aerospace Institute  
TRW

**Columbus**  
Columbus Dispatch

**Delaware**  
Perkins Observatory

**Shaker Heights**  
Great Lakes Planetarium Association

**Wright-Patterson AFB**  
Great Lakes Region Civil Air Patrol

## **Oklahoma**

**Fort Sill**  
Fort Sill Youth Center

**Tinker AFB**  
Tinker AFB Youth Services

**Tulsa**

Tulsa Central Public Library

**Oregon****Corvallis**

4-H Oregon

**Eugene**

Willamette Science &amp; Transportation Museum

**McMinnville**

Evergreen Airventure

**Newport**

Oregon Coast Aquarium

**Portland**

Oregon Museum of Science and Industry

**Pennsylvania****Erie**

Erie Historical Museum and Planetarium

**Greensburg**

Hempfield Area School District

**Lancaster**

North Museum of Natural History and Science

**Oil City**

Venango Museum of Art, Science, &amp; Industry

**Pittsburgh**Henry Buhl, Jr. Planetarium and Observatory  
University of Pittsburgh**State College**

Pennsylvania State University

**Puerto Rico****Mayagüez**

University of Puerto Rico, Mayagüez Campus

**San Juan**

Museo del Nino

**Rhode Island****Cranston**

Rhode Island Library Association

**Providence**Brown University  
Rhode Island College ERC**South Carolina****Charleston**Charleston Community Library  
Charleston Math and Science Hub  
College of Charleston  
Lowcountry Hall of Science and Math  
South Carolina Space Grant Consortium**Columbia**

South Carolina State Museum

**Fort Jackson**

Fort Jackson Youth Center

**Myrtle Beach**

Children's Museum of South Carolina

**North Charleston**

Girl Scouts of Carolina Low Country

**Orangeburg**

South Carolina State University

**Shaw AFB**

Shaw Youth Center

**West Columbia**

Cayce-West Columbia Jaycees

**South Dakota****Brookings**

4-H South Dakota

**Ellsworth AFB**

Ellsworth AFB

**Pierre**

Rawlins Municipal Library

**Rapid City**

South Dakota School of Mines and Technology

**Tennessee****Chattanooga**

Challenger Learning Center

**Cookeville**

Putnam County Library System

**Kingsport**

Bays Mountain Planetarium

**Memphis**

Lida G. Sharpe Planetarium

**Nashville**

Cumberland Science Museum  
National Society of Hispanic Physicists  
Tennessee State University

**Oak Ridge**

American Museum of Science and Energy

**Texas****Amarillo**

Don Harrington Discovery Center

**Arlington**

Living Science Center

**Brooks AFB**

Brooks AFB Youth Center

**Bryan**

Brazos Valley Family Museum

**Dallas**

4-H Texas

**El Paso**

El Paso Independent School District  
University of Texas at El Paso

**Fort Bliss**

Fort Bliss Youth Center

**Fort Hood**

Fort Hood Army Base

**Fort Worth**

Dallas/Ft. Worth Star Telegram  
Museum of Science and History

**Houston**

Houston Museum of Natural Science  
Lunar and Planetary Institute  
NASA Johnson Space Center  
Raul Yzaguirre School for Success  
Rice University  
Space Center Houston  
Texas Southern University  
University of Houston-Downtown

**Laredo**

Laredo Children's Museum

**Midland**

Museum of Southwest/Blakemore Planetarium

**New Braunfels**

Children's Museum of New Braunfels

**Rio Hondo**

Texas Air Museum

**San Antonio**

Northside Independent School District  
Southwest Research Institute

**Tyler**

Discovery Science Place

**Utah****Logan**

Utah State University

**Provo**

Provo Library

**Salt Lake City**

Utah State Office of Education

**Vermont****Burlington**

Fletcher Free Library

**Virginia****Alexandria**

Challenger Center for Space Science Education  
Randi Korn & Associates, Inc.

**Arlington**

National Science Foundation

**Blacksburg**

4-H Virginia

**Charlottesville**

University of Virginia  
Virginia Discovery Museum

**Fairfax**

George Mason University

**Hampton**

Hampton University  
NASA Langley Research Center  
Virginia Space Grant Consortium

**Norfolk**

Norfolk Public Library  
Norfolk State University

**Portsmouth**

Portsmouth Museums

**Reston**

International Technology Education Association (ITEA)

**Richmond**

Ethyl Universe Planetarium

**Winchester**

Shenandoah Valley Discovery Museum

**Washington****Fairchild AFB**

Fairchild AFB

**Fort Lewis**

Fort Lewis

**Seattle**Pacific Science Center  
University of Washington**Tacoma**

Port Defiance Zoo &amp; Aquarium

**West Virginia****Farimont**West Virginia University/NASA Independent Verification and  
Validation Facility ERC**Morgantown**

Morgantown Public Library

**Parkersburg**

Parkersburg Public Library

**Wheeling**

Planetarium

**Wisconsin****Cable**

Cable Natural History Museum

**De Pere**

Space Explorers, Inc.

**La Crosse**

Children's Museum of La Crosse

**Madison**4-H Wisconsin  
University of Wisconsin-Madison  
Wisconsin Department of Public Instruction**Stevens Point**

Central Wisconsin's Children's Museum

**Wyoming****Buffalo**Johnson County Library  
Wyoming Library Association**Casper**

Casper Planetarium

**Laramie**

Wyoming Space Grant Consortium

**Rock Springs**

Rock Springs Public Library

**Sheridan**

Sheridan County Public Library

**International:****Australia**

Haymarket  
Sydney Observatory

**British Columbia, Canada**

Vancouver  
Science World

**Colombia**

Bogotá  
Maloka

**Greece**

Thessaloniki  
Technology Museum of Thessaloniki

**India**

Bangalore  
Visvesvaraya Industrial and Technological Museum

**Israel**

Haifa  
Israel Museum of Science Planning & Technology

Rehovot  
Youth Activities Section and The Clore Garden of Science,  
Weizmann Inst.

**Malaysia**

Kuala Lumpur  
National Planetarium  
National Science Centre

**Panama**

Panama City  
Museo del Canal Interoceanico de Panama

**Philippines**

Manila  
Philippine Science Centrum

**Portugal**

Lisboa  
Pavilhao do Conhecimento—Ciencia Viva

**Saudi Arabia**

Jeddah  
Jeddah Science & Technology Centre

**Spain**

La Coruna  
Casa de las Ciencias

Valencia  
L'Hemisferic  
Museu de las Ciencies

**Tanzania**

Dar es Salaam  
Computraining Centre

**United Kingdom**

Cardiff  
Techniquest

## APPENDIX I. Mission/Program Acronym Index

Acronym	Mission/Program	See Page(s) . . .
	2001 Mars Odyssey . . . . .	266
2MASS	Two Micron All-Sky Survey . . . . .	260
ACCESS	Advanced Cosmic-ray Composition Experiment for the Space Station . . . . .	274
ACE	Advanced Composition Explorer . . . . .	276
Adler	Adler Center for Space Science Education . . . . .	248
ARISE	Advanced Radio Interferometry between Space and Earth . . . . .	270
ASO Forum	Astronomical Search for Origins Forum . . . . .	250
ASPERA-3	Analyzer of Space Plasma and Energetic Atoms [on Mars Express] . . . . .	262
	Astro-E . . . . .	274
Astromaterials	Astromaterials Program . . . . .	269
BeppoSAX	Satellite per Astronomia X . . . . .	275
	Cassini/Huygens Probe . . . . .	261
CATSAT	Cooperative Astrophysics and Technology Satellite . . . . .	272
CGRO	Compton Gamma-Ray Observatory . . . . .	270
Challenger Center	Challenger Center for Space Science Education . . . . .	248
CHIPS	Cosmic Hot Interstellar Plasma Spectrometer . . . . .	272
	Cluster II . . . . .	279
COBE	Cosmic Background Explorer . . . . .	272
	Constellation-X . . . . .	271
CONTOUR	Comet Nucleus Tour . . . . .	262
CXO	Chandra X-Ray Observatory . . . . .	270
	Deep Impact . . . . .	262-263
DePaul B/F	DePaul Broker/Facilitator . . . . .	252
DPSO	Discovery Program Support Office . . . . .	262
DS-1	Deep Space 1 [New Millennium] . . . . .	268
DSMS	Deep Space Mission System . . . . .	268
	Europa Orbiter . . . . .	267
EUVE	Extreme Ultraviolet Explorer . . . . .	272
FAME	Full-sky Astrometric Mapping Explorer . . . . .	257
FAST	Fast Auroral Snapshot Explorer . . . . .	277
FIRST	Far-Infrared and Submillimeter Telescope . . . . .	274
FUSE	Far-Ultraviolet Spectroscopic Explorer . . . . .	257
GALEX	Galaxy Evolution Explorer . . . . .	272
	Galileo . . . . .	261
GEC	Geospace Electrodynamic Connections . . . . .	282
	Genesis . . . . .	263
	Geotail . . . . .	280
GLAST	Gamma-ray Large Area Space Telescope . . . . .	271
GP-B	Gravity Probe B Relativity Mission . . . . .	271
HEASARC	High Energy Astrophysics Science Archive Research Center . . . . .	274
HESSI	High Energy Solar Spectroscopic Imager . . . . .	277
HETE-2	High Energy Transient Explorer 2 . . . . .	272
HST	Hubble Space Telescope . . . . .	248, 252, 255
IDEAS	Initiative to Develop Education through Astronomy and Space Science . . . . .	246
IMAGE	Imager for Magnetopause-to-Aurora Global Exploration . . . . .	277
IMP-8	Interplanetary Monitoring Platform . . . . .	278
INTEGRAL	International Gamma-Ray Astrophysics Laboratory . . . . .	275
IS	Interstellar Probe . . . . .	275
ISTP	ISTP Program Office . . . . .	279-281
Keck	Keck Interferometer . . . . .	258
LISA	Laser Interferometer Space Antenna . . . . .	257-258
LPI B/F	Lunar and Planetary Institute Broker/Facilitator . . . . .	253
	Lunar Prospector . . . . .	253

LWS	Living With a Star . . . . .	272
MAP	Microwave Anisotropy Probe . . . . .	273
Mars E/PO	Mars Exploration Education and Public Outreach Program . . . . .	282
	Mars Express . . . . .	269
Mars Pathfinder	Sagan Memorial Station . . . . .	267
MC	Magnetospheric Constellation . . . . .	264
MER	2003 Mars Exploration Rovers . . . . .	266
MESSENGER	Mercury Surface, Space Environment, Geochemistry and Ranging . . . . .	264
MGS	Mars Global Surveyor . . . . .	265
MI Initiative	Minority Institution Initiative . . . . .	246
MMS	Magnetospheric Multiscale . . . . .	282
MUSES-CN	MU Space Engineering Spacecraft-C Nanorover . . . . .	269
NAI	NASA Astrobiology Institute . . . . .	259
Navigator	Navigator Program . . . . .	257-258
NEAR	Near-Earth Asteroid Rendezvous . . . . .	264
NEAT	Near-Earth Asteroid Tracking . . . . .	268
NGST	Next Generation Space Telescope . . . . .	255
NMS	Nozomi Neutral Mass Spectrometer [Planet-B] . . . . .	269
OAI B/F	Ohio Aerospace Institute Broker/Facilitator . . . . .	253
OP E/PO	Outer Planets Education and Public Outreach Program . . . . .	267
OSS/Outreach	OSS Outreach Activities . . . . .	249
OSS/Sci. Ctr. Dev.	OSS Science Center Development . . . . .	249
P2K	Passport to Knowledge . . . . .	248, 273
PI	Planetary Imager . . . . .	258
PKB	Pluto/Kuiper Belt Mission . . . . .	268
Planck	Planck Surveyor . . . . .	275
	Polar . . . . .	280
	Rosetta . . . . .	269
RXTE	Rossi X-ray Timing Explorer . . . . .	273
SAMPEX	Solar Anomalous and Magnetospheric Particle Explorer . . . . .	278
SEC Forum	Sun-Earth Connection Forum . . . . .	251
SERCH B/F	Southeast Regional Clearinghouse Broker/Facilitator . . . . .	253
SEU Forum	Structure and Evolution of the Universe Forum . . . . .	251
SIM	Space Interferometry Mission . . . . .	257-258
SIRTF	Space Infrared Telescope Facility . . . . .	255
SNOE	Student Nitric Oxide Explorer . . . . .	278
SOFIA	Stratospheric Observatory for Infrared Astronomy . . . . .	256
SOHO	Solar and Heliospheric Observatory . . . . .	280
	Solar-B . . . . .	282
SP	Solar Probe . . . . .	275
SRT	Supporting Research and Technology . . . . .	247
SSE Forum	Solar System Exploration Forum . . . . .	250, 252, 254, 261-264, 266
SSE Theme	Solar System Exploration Theme Lead . . . . .	260
SSI B/F	Space Science Institute Broker/Facilitator . . . . .	254
ST-3	Starlight [New Millennium] . . . . .	258
ST-5	Space Technology-5 [New Millennium] . . . . .	283
	STARBASE . . . . .	249
	Stardust . . . . .	264
STEREO	Solar-Terrestrial Relations Observatory . . . . .	282
STP	STP Program Office . . . . .	281-282
SWAS	Submillimeter Wave Astronomy Satellite . . . . .	273
Swift	Swift Gamma-Ray Burst MIDEX Mission . . . . .	273
SXG	Spectrum X Gamma . . . . .	275
TIMED	Thermosphere Ionosphere Mesosphere Energetics and Dynamics . . . . .	283
TPF	Terrestrial Planet Finder . . . . .	257, 259

TRACE	Transition Region and Coronal Explorer . . . . .	278
TWINS	Two Wide-angle Imaging Neutral-atom Spectrometers . . . . .	279
	Ulysses . . . . .	276
URC	University Research Centers at Minority Institutions . . . . .	246
	Voyager . . . . .	276
VSOP	VLBI Space Observatory Programme . . . . .	275
	Wind . . . . .	281
XMM-Newton	X-ray Multi-mirror Mission . . . . .	275
	Yohkoh . . . . .	283-284