



NASA News Release

Dwayne Brown/Renee Juhans
Headquarters, Washington
(Phone: 202/358-1726/1712)

January 26, 2005

RELEASE: 05-023

NASA FUNDS WORK-FORCE DEVELOPMENT PROJECTS TO SUPPORT VISION

NASA has selected 32 consortia in the National Space Grant College and Fellowship Program to receive \$3 million in awards this year for aerospace work force development to support the Vision for Space Exploration.

The monetary awards are in response to proposals submitted by state organizations to NASA's Office of Education. Awards are in two categories: single-state proposals (32) and multi-state proposals (one award to 12 consortia).

The awards range from \$27,760 to \$100,000 and average \$84,000 for single-state programs. Multi-state awards are \$20,000.

The consortia were selected based on a competitive evaluation of their plans to enlarge and enhance the pipeline, or resource pool, of higher education graduates and faculty involved with NASA as employees, contractors or principal investigators.

The awards provide opportunities for hands-on and interdisciplinary experiences in scientific, engineering and technical disciplines. The competition also expands NASA's efforts, as recommended by the President's Commission on Implementation of United States Space Exploration Policy, to engage universities in training the work force necessary to continue the nation's exploration activities.

"These awards allow Space Grant to continue its work of developing talented individuals who are qualified and trained to make significant contributions in science and technology," said NASA's Chief Education Officer Dr. Adena Williams Loston. "Their activities advance NASA's commitment to inspire and motivate students to ensure our nation's ability to fulfill the Vision for Space Exploration," she added.

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-2-

01/26/2005 11:38AM

NASA received 50 single-state and five multi-state proposals in response to the Space Grant program announcement. The proposals were reviewed using criteria that included merit of the activities, relationships with NASA Centers, potential impact to the student pipeline, work force development and effective evaluation methods.

The National Space Grant Program, mandated by Congress in 1989, consists of 52 consortia in the 50 states, the District of Columbia and the Commonwealth of Puerto Rico. All carry out programs in education, research and public service.

An additional opportunity was provided under this competition for International Space Station Engineering Outreach proposals. The International Space Station Office at NASA's Johnson Space Center in Houston will release the announcement of those selections.

The Vision for U.S. Space Exploration is a bold new course into the cosmos. It is a journey to return the Space Shuttle safely to flight, complete the construction of the International Space Station, and take humans back to the moon, and eventually to Mars and beyond.

For a list of the 2005 Space Grant recipients on the Internet, visit:

<http://calspace.ucsd.edu/spacegrant/workforce>

For information about other NASA education programs on the Internet, visit:

<http://education.nasa.gov>

For more information about NASA and agency programs on the Internet, visit:

<http://www.nasa.gov>

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01/26/2005 11:38AM

FY 2004 Workforce Development Awards

| State | Space Grant Director | Address | Programs* | Congressional District | Amount |
|----------------------|------------------------|--|-------------|------------------------|-----------|
| Alabama | Dr. John C. Gregory | Director, Alabama Space Grant Consortium University of Alabama, Huntsville College of Science, MSB 205 Huntsville, AL 35899-0001 | 3 | AL - 5 | \$109,000 |
| Arizona | Dr. Michael Drake | Director, Arizona Space Grant Consortium University of Arizona Lunar & Planetary Laboratory 1629 E. University Blvd. Tucson, AZ 85721-0001 | 3, 8, 10 | AZ - 7 | \$117,103 |
| Arkansas | Dr. M. Keith Hudson | Director, Arkansas Space Grant Consortium University of Arkansas at Little Rock College of Science & Engineering Technology 2801 S. University, ETAS329 Little Rock, AR 72204-1099 | 3, 5, 6, 10 | AR - 2 | \$50,000 |
| California | Dr. Michael Wiskerchen | Director, California Space Grant Consortium University of California San Diego California Space Institute 9500 Gilman Drive, 0524 La Jolla, CA 92093-0524 | 1, 5 | CA - 53 | \$50,000 |
| Colorado | Dr. Chris Koehler | Director, Colorado Space Grant Consortium University of Colorado, Boulder Engineering & Applied Science Department Campus Box 520 Boulder, CO 80309-0520 | 3, 10 | CO - 2 | \$120,000 |
| District of Columbia | Dr. Richard Berendzen | Director, District of Columbia Space Grant Consortium American University Department of Physics, McKinley 106 4400 Massachusetts Ave., NW Washington, DC 20016-8058 | 1, 5, 7 | Delegate | \$100,000 |

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|-----------|-----------------------|---|-------------------|------------------------|-----------|
| Florida | Dr. Jaydeep Mukherjee | Director, Florida Space Grant Consortium University of Central Florida Mail Stop FSI Kennedy Space Center, FL 32899-0001 | 3, 5 | FL - 24 | \$96,688 |
| Hawaii | Dr. Luke Flynn | Director, Hawaii Space Grant Consortium University of Hawaii, Manoa Campus, Oahu Hawai'i Institute of Geophysics and Planetology School of Ocean and Earth Science and Technology 2525 Correa Road Honolulu, HI 96822-0001 | 1, 3, 5, 10 | HI - 1 | \$102,352 |
| Idaho | Dr. Jean Teasdale | Director, Idaho Space Grant Consortium University of Idaho College of Engineering Moscow, ID 83844-1011 | 3, 5, 10 | ID - 1 | \$100,000 |
| Kentucky | Dr. Richard Hackney | Director, Kentucky Space Grant Consortium Western Kentucky University Department of Physics & Astronomy TCCW 246, One Big Red Way Bowling Green, KY 42101-3576 | 3, 4 | KY - 2 | \$100,000 |
| Louisiana | Dr. John P. Wefel | Director, Louisiana Space Grant Consortium Louisiana State University Department of Physics and Astronomy 277 Nicholson Hall Baton Rouge, LA 70803-4001 | 3, 6 | LA - 6 | \$119,447 |
| Maine | Dr. Terry Shehata | Director, Maine Space Grant Consortium 87 Winthrop St., Suite 200 Augusta, ME 04330-5536 | 4, 5, 7, 9, 10 | ME - 1 | \$100,000 |

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|---------------|------------------------|--|-----------|------------------------|-----------|
| Maryland | Dr. Richard C. Henry | Director, Maryland Space Grant Consortium The Johns Hopkins University Bloomberg Center for Physics and Astronomy 3400 North Charles Street Baltimore, MD 21218-2686 | 3, 5 | MD - 7 | \$100,000 |
| Massachusetts | Dr. Larry Young | Associate Director, Massachusetts Space Grant Consortium Massachusetts Institute of Technology Department of Aeronautics and Astronautics Bldg. 37, Room 351 77 Massachusetts Avenue Cambridge, MA 02139-5536 | 5 | MA - 8 | \$61,442 |
| Minnesota | Dr. William L. Garrard | Director, Minnesota Space Grant Consortium University of Minnesota Department of Aerospace Engineering and Mechanics 107 Akerman Hall, 110 Union St SE Minneapolis, MN 55455-0153 | 3, 5, 6 | MN - 5 | \$49,573 |
| Mississippi | Dr. Peter Sukanek | Director, Mississippi Space Grant Consortium University of Mississippi Department of Chemical Engineering 134 Anderson University, MS 38677-9802 | 5, 8 | MS - 1 | \$100,000 |
| Montana | Dr. William A. Hiscock | Director, Montana Space Grant Consortium Montana State University 261 EPS Building P.O. Box 173835 Bozeman, MT 59717-3835 | 3, 5 | MT - At Large | \$120,000 |

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|----------------|---------------------------|---|---------------------------------|------------------------|-----------|
| New Hampshire | Dr. David Bartlett | Director, New Hampshire Space Grant Consortium University of New Hampshire Institute for Study of Earth, Oceans, & Space Morse Hall Durham, NH 03824-3525 | 2 | NH - 1 | \$120,000 |
| New Mexico | Dr. Patricia C. Hynes | Director, New Mexico Space Grant Consortium New Mexico State University School of Electrical/Computer Engineering P.O. Box 30001, Department SG, Wells Hall Bay #4 Las Cruces, NM 88003-0001 | 1, 3, 5, 6 | NM - 2 | \$120,000 |
| North Carolina | Dr. Fred R DeJarnette | Director, North Carolina Space Grant Consortium North Carolina State University Department of Mechanical and Aerospace Engineering Box 7515, Research Building II 1009 Capability Drive, Room 210 Raleigh, NC 27695-0001 | 1, 5 | NC - 4 | \$100,000 |
| North Dakota | Dr. Shan de Silva | Director, North Dakota Space Grant Consortium University of North Dakota Department of Space Studies Box 9008 Grand Forks, ND 58202-9008 | 4, 10 | ND - AL | \$100,000 |
| Ohio | Dr. Kenneth DeWitt | Director, Ohio Space Grant Consortium Department of Chemical Engineering University of Toledo 22800 Cedar Point Road Cleveland, OH 44142-1012 | 1, 2, 3, 4, 5, 11 (pre-service) | OH - 10 | \$120,000 |
| Oklahoma | Dr. Victoria Duca Snowden | Director, Oklahoma Space Grant Consortium University of Oklahoma College of Geosciences 710 Asp, Suite 5 Norman, OK 73069-4071 | 5, 7, 11 (career Services) | OK - 4 | \$75,000 |

FY 2004 Workforce Development Awards

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|----------------|------------------------|--|------------------------------------|------------------------|-----------|
| Pennsylvania | Dr. Lisa Brown | Director, Pennsylvania Space Grant Consortium The Pennsylvania State University 2217 Earth-Engineering Sciences Building University Park, PA 16802 | 3 | PA - 5 | \$20,000 |
| Puerto Rico | Dr. Gerardo Morell | Director, Puerto Rico Space Grant Consortium University of Puerto Rico Resource Center for Science & Engineering P.O. Box 23334 University Station San Juan, PR 00931-5000 | 5, 8, 9 | Delegate | \$49,005 |
| South Carolina | Dr. Mitchell W. Colgan | Director, South Carolina Space Grant Consortium College of Charleston Department of Geology 66 George Street Charleston, SC 29424-0011 | 2 | SC - 1 | \$70,174 |
| South Dakota | Dr. Edward Duke | Director, South Dakota Space Grant Consortium South Dakota School of Mines & Technology Graduate Education and Sponsored Programs 501 East St. Joseph Street Rapid City, SD 57701-3995 | 1, 2, 5, 10 | SD - At Large | \$50,000 |
| Texas | Dr. Wallace Fowler | Director, Texas Space Grant Consortium University of Texas, Austin 3925 West Braker Lane, Suite 200 Center for Space Research Austin, TX 78759-5321 | 3, 6, 10, 11 (Design Challenge) | TX - 10 | \$120,000 |
| Virginia | Ms. Mary L. Sandy | Director, Virginia Space Grant Consortium ODU Peninsula Center 600 Butler Farm Rd., Suite 200 Hampton, VA 23666-1580 | 2, 3, 6, 8 | VA - 1 | \$120,000 |

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|---------------|----------------------|---|-----------|------------------------|--------------------|
| Washington | Dr. Janice DeCosmo | Director, Washington Space Grant Consortium University of Washington Space Grant Box 351650 319 Johnson Hall Seattle, WA 98195-1650 | 3, 5 | WA - 7 | \$100,000 |
| West Virginia | Dr. Majid Jaraiedi | Director, West Virginia Space Grant Consortium West Virginia University G-60 Engineering Sciences Building P.O. Box 6070 Morgantown, WV 26506-6070 | 3, 5 | WV - 1 | \$65,000 |
| Wisconsin | Dr. Aileen Yingst | Director, Wisconsin Space Grant Consortium Department of Natural and Applied Sciences University of Wisconsin-Green Bay 2420 Nicolet Dr., ES 317 Green Bay, WI 54311-7001 | 3, 10 | WI - 8 | \$100,000 |
| Wyoming | Dr. Paul E. Johnson | Director, Wyoming Space Grant Consortium University of Wyoming Department of Physics and Astronomy P. O. Box 3905, University Station Laramie, WY 82071-3905 | 1, 5 | WY - At Large | \$92,000 |
| Total | | | | | \$3,043,954 |

FY 2004 Workforce Development Awards

| *Program Area | Code |
|--------------------------------|-------------|
| Scholarships/Fellowships | 1 |
| Geospatial Extension | 2 |
| Student Satellite | 3 |
| Research | 4 |
| Intern/Summer Programs | 5 |
| Curriculum Development | 6 |
| Recruiting/Placement | 7 |
| Leadership/Faculty Development | 8 |
| Outreach | 9 |
| Mentorship | 10 |
| Other | 11 |