

National Space Grant Foundation

<http://www.spacegrant.org/>

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Washington, DC 20001

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- Non-Profit 501(c)(3) Organization
- Established by Space Grant Directors
- Governed by a Board of Directors Elected by Space Grant Directors
- Board of Directors
 - Wallace Fowler – President (TX)
 - Jack Higginbotham (OR)
 - Pat Hynes – Treasurer (NM)
 - Jaydeep Mukherjee (FL)
 - Mike Wiskerchen – Secretary (CA)

To support and enhance the Space Grant Consortia in every state

To carry out education, research, and public outreach activities related to space, aeronautics, aviation, and Earth system science

- NASA Education Associates Program (CA / Ames)
 - Student and Faculty Internship Program at NASA/Ames
 - Prime Contractor with Subcontract to CASG Foundation
 - Contact: Bill Byrd (IA) or Mike Wiskerchen (CA)
- Aerospace Education Services Project (PA / Langley)
 - Bringing NASA to K-12 Education
 - Subcontractor to Penn State to Implement Professional Development
 - Contact: Lisa Brown (PA)

- Provide Seed Funding To
 - Adapt Toolkits to State Standards and Needs
 - Integrate into Pre/In-Service Professional Development
 - Conduct First Year of Professional Development
- Professional Development Characteristics
 - In Depth Training
 - Multi-Day (≥ 30 hours)
 - Sustainable Models
 - Participants Receive Undergraduate/Graduate Credit
 - Face to Face and/or e-learning

- Administered by the NSGF
- Funding Pool: \$300 K/ year
- Awards: 10 – 20 / year
- Mini-Grants → Mini-Proposals
- Mini-Grants → Mini-Reporting Requirements
- Open to Space Grant Affiliate Non-Profits & Universities
- Timeline
 - AO Released: July 1, 08
 - Proposals Due: October 10, 08
 - Selections Announced: December 5, 08
 - Grants Begin: January 1, 09

- NSGF Seeking Proposal Reviewers
- Areas
 - Science and Engineering Content
 - Education – Professional Development
 - Current or Former Classroom Educator
- Review Schedule Oct 13th – Nov 21st
- On-Line/Telecon - No Travel Required
- Compensation Provided

- Virginia Aerospace Science and Technology Scholars (VA / Langley)
 - Interactive On-line and Residential Experience for High School Juniors at NASA/Langley
 - Modeled after Texas Aerospace Scholars at NASA/JSC
 - Contact: Mary Sandy (VA)
- International Electric Propulsion Conference (MI)
 - Meeting Registration, Payment Processing, Web Site, and Other Various Items
 - Contact: Bonnie Bryant (MI)
- Space Grant 20th Year Evaluation Support Services
- Pathevo™ Contract
(MD, TX, WV – 25 SG Institutions, ~20,000 students)

- Engage undergrad/grad students in NASA IYA Objectives
- NASA SMD Funded
- 52 Ambassadors to be Selected
 - Undergraduate/Graduate Students
 - 2K stipend up to \$700 for travel/supplies
- 2 Will Attend IYA Opening Ceremony (Paris, France)
 - January 2009
 - Up to 5K travel stipend + housing in Paris

- Selection Criteria
 - Alignment with NASA IYA Goals (40%)
 - Ability to Excite and Engage (40%)
 - Academics (20%)
- Contact: Mark Fischer (NSGF) or Joylynn Watkins (NM)
(fischer@spacegrant.org or watkins@spacegrant.org)
- Applications Due: Sept 29th
- <http://www.spacegrant.org/niya/>

NIYA Applications

State	Registered	Saved	Submitted	Complete	Total
AK		1	0	0	1
AZ		16	2	1	19
CA		7	1	0	8
CO		3	2	3	8
FL		14	1	0	15
HI		3	0	0	3
ID		2	0	0	2
MI		1	0	0	1
MN		2	0	0	2
MT		3	0	0	3
ND		3	0	0	3
NE		1	0	0	1
NM		8	1	2	11
NV		10	0	0	10
OK		1	0	0	1
OR		4	2	0	6
SD		1	1	0	2
TX		10	1	0	11
UT		4	0	0	4
WA		16	0	0	16
WI		2	2	2	6
WY		1	0	0	1
Total	247	253	25	13	538
State	Registered	Saved	Submitted	Complete	Total

- ESMD Student Paper Competition (KSC)
 - Administer NASA Funded Student Awards
- Systems Engineering Workshop and Curriculum Development (TX / JSC)
 - Systems Engineering Curriculum Development and Implementation
 - Contact: Wally Fowler (TX)

- **Support Services**
 - Provide Economies of Scale to Space Grant Network
 - Various Projects With 32 States (6 one time/26 ongoing)
 - Contact: Mark Fischer or Jaydeep Mukherjee (FL)
- **Meeting/Workshop Registration**
(National Meetings, Regional Meetings, IEPC, RockOn, StudentSat 6, SHOT II, Illinois Aerospace Institute Camp)
- **Website Design/Redesign**
(DE, **ND**, VA, Council, IEPC, VASTS)
- **Website Hosting**
(Coordinators, Council, IA, IEPC, **ND**, VASTS)

North Dakota

NASA Space Grant Consortium



 Search our website 

Friday, February 29, 2008

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Welcome!

About the NDSGC

In 1990 the state of North Dakota received a Space Grant College Capability Enhancement Grant from NASA. The North Dakota Space Grant Consortium has its headquarters at the Department of Space Studies at the [John D. Odegard School of Aerospace Sciences](#) at the University of North Dakota.

Mission:

The North Dakota Space Grant Program has continued its well-regarded foci in internet-delivered higher education, education financial assistance all across North Dakota (especially to women and minority students), involvement of tribal colleges, and public outreach activities. This has been done to help achieve the primary goal of NDSGC which is making the education infrastructure in North Dakota more NASA-relevant. >> [read more](#)

▶ NDSGC Recent News

1-8-08 - 1-11-08 - NDSGC Director, Dr. Paul Hardersen, will be presenting a poster about the Space Grant Internet Telescope Network (SGITN) at the American Astronomical Society (AAS) conference in Austin, Texas. For more information about the conference, please visit the AAS website at: <http://www.aas.org/meetings/aas211/>

SGITN

Space Grant
Internet Telescope
Network

>> [learn more](#)

"The Aurora" Newsletter



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Delaware Space Grant Consortium



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Welcome to the Delaware Space Grant Consortium.



This program is funded by NASA in order to train students and researchers in the state of Delaware in the areas of science, technology, engineering, mathematics, and geography.

By means of this training, the state of Delaware aims to help in contributing to the technically literate workforce which NASA will need in the years ahead.

A primary goal of Delaware Space Grant is to provide academic-year scholarship and fellowship opportunities to undergraduates and graduates who attend colleges in the Consortium. I strongly encourage students at the Consortium colleges and universities to consider applying for these funds at the appropriate time of year.

Funds are also provided for research infrastructure which will assist in the training of students and post-doctoral fellows in a variety of NASA-related fields. The program supports internships in industry and at NASA centers, both during the summer, and also during the academic year.

NASA Breaking News

- [NASA Awards External Tank Contract Modification \(02/29/2008\)](#)
- [NASA Gives 'Go' For Space Shuttle Launch On March 11 \(02/29/2008\)](#)
- [NASA Moves Today's Shuttle Status News Conference to Noon EST \(02/29/2008\)](#)
- [Home From Space, Chicago Astronaut Daniel Tani Set For Interviews \(02/28/2008\)](#)
- [NASA Views Landing Site Through Eyes of Future Moon Crew \(02/27/2008\)](#)
- [NASA's Newest Concept Vehicle Takes Off-Roading Out of This World \(02/27/2008\)](#)
- [NASA Team Demonstrates Robot Technology For Moon Exploration \(02/27/2008\)](#)
- [NASA Announces Agency Quality Award Winners \(02/26/2008\)](#)
- [New Web Feature Shows How NASA Technologies Improve Our Lives \(02/26/2008\)](#)
- [Media Briefing to Discuss NASA's Newest Earth Science Missions \(02/25/2008\)](#)

- **Application System**
(9 States, 2 Other Programs: CT, IA, IN, NC, NIYA, **NM**, **NV**, **TX**, VA, VASTS, WV)
- **Fellowship & Scholarship Contractor**
(Under Development)
- **Longitudinal Tracking System**
(20 States: **AR**, **CO**, FL, **ID**, KY, MD, MI, MN, MS, NC, **ND**, NH, **OK**, **OR**, PA, SC, **SD**, TN, **TX**, **WA**)
- **Proposal Submission and Review System**
(6 States, 1 Other Program: FL, IN, NC, **NM**, **TX**, WV, AESP)

- Represent Space Grant Nationally
(50th Year Publication, NSTA, ASP, Space Week)
- Serve as Contracting Entity
(AESP, ESMD Paper Awards, USRP, EAP, NSIP)
- Proposal Submission – National/Regional/Local
(USRP, AESP, STSP, NSIP, MUST)
- Accepts Donations On Behalf of State Consortia
(HI, NC, OR, TX)
- Bank Accounts – Interest Bearing and Endowment
(Each State, Council)
- Equipment Purchases
(DC, RI, TN)
- Mailing Lists
(sgDirectors, sgCoordinators, sgExec, Student_Satellites)

- Distinguished Service Award
- Financial Arm for Regional Programs
(Great Midwestern Region)
- Student Awards
(IA, NC, WI)
- CMIS Forms
- Other
(Penny Machines, TiViTz, Others)

Questions?

- Linking the K-12 Community to NASA
- Longest Running NASA K-12 Program
- Administration Change in 2007
 - Previous Administration: Oklahoma State
 - Current Administration: Pennsylvania State
- Programmatic Shift
- Significant Budget Reduction
- Website: <http://csats.psu.edu/aesp.htm>

AESP Teacher and Student Program Enrollments

Programs	2005-06	2007-08	2008-09	2009-10
K-12 pre-service workshops	42	90	150	250
# teachers	716	1,530	2,550	4,250
K-12 in-service workshops	896	90 x 3 days	100 x 3 days	110 x 3 days
# teachers	11,596	1,800	2,000	2,200
K-12 student assemblies	1,032	100	100	100
# students	80,374	8,000	8,000	8,000
K-12 classroom visits	1,688	600	3,480	3,480
# students	44,189	15,600	90,480	90,480

- Develop Content Toolkits
 - AESP/NASA Determine Content Focus
 - Identification of High Quality Materials
 - Development of Materials to Fill Gaps
 - Participation of Content Experts
 - Aligned With National Standards
 - Toolkit Development Workshop
 - Packaged and Ready to Adapt to State Standards and Needs
- Toolkits Integrated Into Pre-Service Curriculum and In-Service Professional Development
- Mini-Grants to Integrate and Implement Toolkits
- Follow-Up Activities by AESP Education Specialists

- AESP Education Specialist Requests
 - <http://csats.psu.edu/aesp.htm>
- Mini-Grant Recipients
- Serve as Reviewers of Mini-Grant Proposals
- Host Content Toolkit Workshop

- Purpose
 - To disseminate an undergraduate systems engineering curriculum
 - To discuss effectiveness of pilot systems engineering activities at UT Austin
- Hosted by Johnson Space Center
- Held on August 11-12, 2008
- Agenda
 - NASA Guest Speakers
 - Discussion of Systems Engineering Curriculum
 - Panel / Roundtables
 - Other Topics
- Contacts
 - Lisa Guerra – lisa.a.guerra@nasa.gov
 - Talia Jurgens – jurgens@tsgc.utexas.edu
 - <http://www.tsgc.utexas.edu/workshop/>

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- DC – 0, DE – 0, MD – 1, NJ – 1, PA – 1, VA – 15, WV - 1