



Director's Council – October 2006  
New York, NY

# National Space Grant Foundation

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

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Washington, DC 20001

202-536-3030

202-536-3089 (Fax)

president@spacegrant.org

- Established in 2001 by National Council
- 501(c)(3)
- Governed by Board of Directors
- Current Board
  - Keith Hudson (AR) – President
  - Mike Wiskerchen (CA) – Secretary
  - Dick Henry (MD) – Treasurer
  - Jaydeep Mukherjee (FL)
  - Vacancy
- Executive Director – Mark Fischer

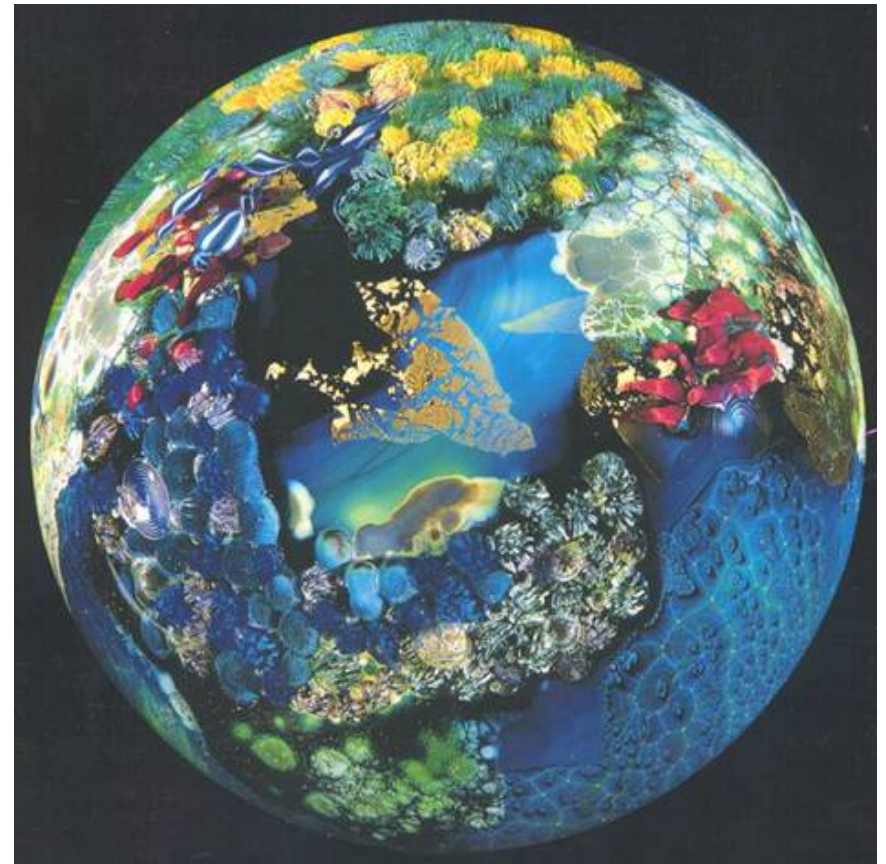
1. To support and enhance the Space Grant Consortia in every state
2. To carry out education, research, and public outreach activities related to space, aeronautics, aviation, and Earth system science

- Represent Space Grant Nationally  
(USRP, EAP, NSIP, NSTA, ASP, Space Week)
- Serve as Contracting Entity  
(EAP, NSIP)
- Proposal Submission – National/Regional/Local  
(STSP, NSIP, MUST)
- Accepts Donations On Behalf of State Consortia  
(HI, NC, OR, TX)
- Bank Accounts – Interest Bearing and Endowment  
(Each State, Council)
- Meeting Registrations  
(SmallSat 2006, Regional Meetings)

- Equipment Purchases  
(RI, TN)
- Web Site Hosting  
(National SG, Coordinators)
- Mailing Lists  
(sgDirectors, sgCoordinators, sgExec, sgSatellites)
- Distinguished Service Award
- Services Program  
(AR, FL, KS, IA, MD, MN, MS, NC, NM, OR, PA, TN, TX, WA)
- Other  
(Penny Machines, Shopping, TiViTz, Pathevo™, Others)

## 5th National Space Grant Distinguished Service Award

- Submit Nominations to Keith Hudson
- No currently serving elected officials
- No current Space Grant Directors
- No current NASA employees
- Focus on sustained superior service in the fields of interest to us as well as education, mentoring, and life-long learning
- Past Awards
  - Lloyd Bensten (2003)
  - James A. Van Allen (2004)
  - Peter Diamandis (2005)
  - John Glenn (2006)



- Education Associates Program
  - University Students & Faculty Internships & Fellowships With NASA
  - Contact: Lisa Brown (PA) or Mike Wiskerchen (CA)
  - CA Partnership
- Undergraduate Student Research Program
  - Undergraduate Internships at NASA Centers
  - Contact: Keith Hudson (AR) or Mary Sandy (VA)
  - VA Partnership
- Astronomical Society of the Pacific Meeting
  - Space Grant Co-Sponsorship
  - Contact: Dick Henry (MD)

- TiViTz (Space Game)
  - Math and Strategy Game (Grade School)
  - Florida Today News Coverage
  - Commission on Sales Through NSGF
  - <http://www.spacegrant.org/activities/>
  - Contact: Bill Byrd (IA)
- Penny Machines
  - Placed in Museums and Challenger Centers
  - \$4,500 Raised
  - Little to No Effort Involved
  - Contact: Bill Byrd (IA)
- Pathevo™
  - Career Exploration Software
  - Released September 2006
  - SG Schools Receive Free Licenses the First Year
  - NSGF Receives Commission on Sales to SG Institutions
  - Contact: Dick Henry (MD) and Adeboyejo Oni (Pathevo™)





## Purpose

- Serve Space Grant Network
- Determine What Services are Desired
- Increase NSGF's Value to SG Network
- Share Programs/Systems With Network
- Provide Economies of Scale

- PI: Jaydeep Mukherjee (FL)
- Implementer: Mark Fischer
- Voluntary Participation
- Customer Focused
- Possible Spin-offs to External Contracts

- [director@xx.spacegrant.org](mailto:director@xx.spacegrant.org)
- National Affiliate Listserves  
(Academic, Industry, Non-Profit, and Government)
- National Website
- Credit Card Processing
- Longitudinal Tracking
- CMIS Forms
- Others on Request

- **Process**
  - SG Determines Items and Costs
  - NSGF Creates Shopping Cart
  - Participant Registers With SG
  - Participant Pays NSGF
  - NSGF Deposits Funds in SG Expendable Account
- **Costs**
  - 2.75% per Transaction Plus
  - Plus \$0.30 per Transaction
  - Minimum Monthly Transaction Charges and Monthly Service Charges Covered by NSGF

- **SmallSat 2006 Registration**
  - 62% of Attendees Paid By Credit Card
  - \$4,410 Collected
  - \$4,269 to NSGF IA Expendable Account
  - \$ 141 to NSGF
    - \$210.71 paid to service providers
- **SE Regional Registration**
- **Spring National Meeting Registration**

- Web Base System
- Mimics SG Website
- Data Ported From Existing Sources  
CMIS, SG Databases or Files, Other
- Customer Determines What Data to Include  
Years, Programs, Award level
- Standardized Forms With Some Customization
- Data Resides on NSGF Server
- Data Ownership Resides in SG Not NSGF

- Contact Information
- Educational History
- Employment History
- NASA Program Involvement History
- Anecdotal Data

- Space Grant
  - Initial Data
  - Address Verification (Optional)
  - Yearly Evaluation Feedback
- NSGF
  - System As Described
  - Assistance in Acquiring Initial Data
  - All NASA Requested Longitudinal Tracking Reports  
(Budget Call, 20<sup>th</sup> Year Review, Others)
  - Data Security and Confidentiality
  - Summaries of Data
  - Complete Data Files Upon Request
  - Hard Copy Mail outs to Verified Addresses
  - Comparison Data to All Participating States
  - Keep the Customer Happy

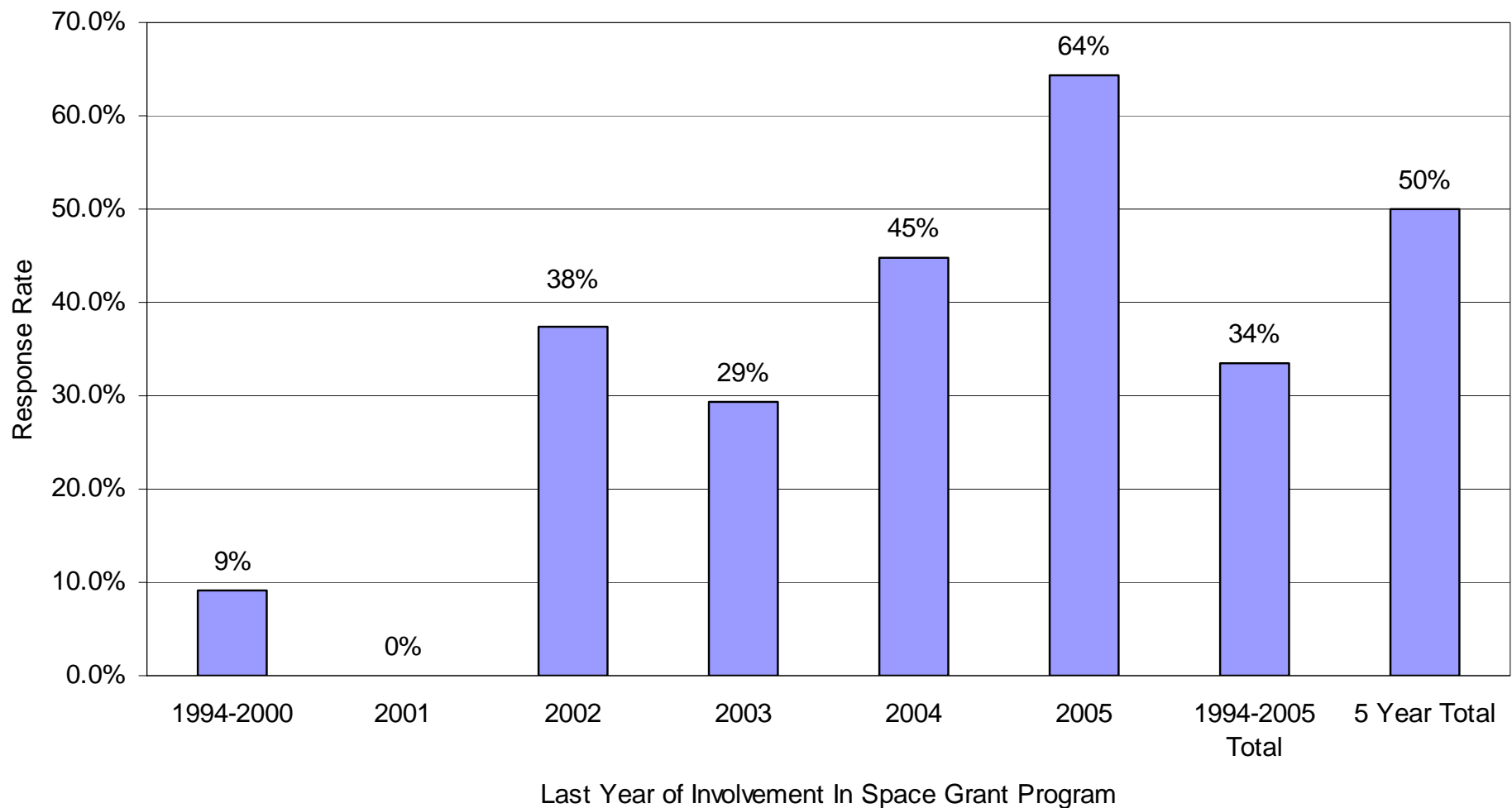


- 11 States Involved As of 30 September  
(AR, FL, MD, MN, MS, NC, OR, PA, TN, TX, WA)
- ~5,000 Former Participants
- Employer Sampling

Boeing Aerospace  
Defense Information Systems Agency  
GE Aircraft Engines  
Gulfstream Aerospace  
Lockheed Martin  
NASA Ames  
NASA Goddard  
NASA JPL  
NASA JSC  
NASA Langley  
NASA Marshall

National Center for Atmospheric Research  
NOAA  
Northrop Grumman  
Oak Ridge National Lab  
Orbital Sciences Corporation  
Raytheon  
Science Applications International Corp  
Scripps Institution of Oceanography  
SpaceWorks Engineering, Inc.  
United Space Alliance

## Participant Response Rate as a Function of Their Last Year of Involvement in Space Grant Programs



- “provided me with leadership opportunities that have helped me greatly during my education and now in my professional life.”  
(1998 Scholar: currently working for the Naval Air Systems Command & pursuing a PhD)
- “The space grant helped capture my interest in research and kindled my passion for science.”  
(2003 Scholar: currently in graduate school)
- “It gave me a good experience using new analytical software and opened my eyes to how different people specializing in different areas can all contribute to a scientific project.”  
(1998 Scholar: currently working in industry)
- “The program was especially important because it was my first experience with an independent research project overseen by a faculty member. It helped prepare me for the work involved with my graduate studies in plant pathology.”  
(2002 Scholar: currently in graduate school)

- Allowable Expense on Federal Grant
- Contacting Mechanisms
  - Standard Purchase
  - Purchase Order
  - Sole Source Purchase Order
  - Cost Reimbursable Subcontract
  - NSGF State Expendable Funds
- Costs Based Upon
  - Number of Participating States
  - Actual Costs
  - \$5,500 First Year Maximum
  - \$4,000 Out Years Maximum

- **Features**
  - On-line CMIS Based Forms
  - Available Year Round
  - Available w/o Username/Password
  - Reports Formatted for Quick CMIS Entry
  - State CMIS Contact is Notified of Submission
- **What it Does Not Do**
  - Enter Data Into CMIS
  - Once Submitted Data Can Not be Edited

# Questions?

# Financial Report

## Balance as of 30 September 2006

Expendable: \$465,519.06

Endowment: \$126,223.08

State Balances Available at  
[www.spacegrant.org/info/accounts.html](http://www.spacegrant.org/info/accounts.html)

<u>PRIOR YEAR (2005) BALANCE</u>	473,481.20
<u>INCOME</u>	
Interest earnings	12,662.86
Royalties (Penny Machines, Shopping, TiViTz)	1,170.70
NSTA Support	-
Exhibits/Banquet	2,250.00
Gifts	3,603.25
Pass through for Meetings, etc.	3,180.00
NSGF Services	80,967.00
USRP Subcontract	10,000.00
ARC Education Associates	2,189,800.29
<u>TOTAL INCOME</u>	<u>2,303,634.10</u>
<u>EXPENSES</u>	
Administration	(38,456.56)
Disbursements to States (External)	(9,936.13)
Meetings	-
Exhibits/Banquet	-
Grants	-
NSTA	(2,650.74)
NSGF Services	(83,529.73)
ARC Education Associates	(2,050,800.00)
<u>TOTAL EXPENSES</u>	<u>(2,185,373.16)</u>
<u>NET</u>	<u>118,260.94</u>
<u>Current Balance</u>	<u>591,742.14</u>

## Sub-Account Balances as of 30 September 2006

Account	Endowment	Expendable
NSGF	5,379.53	72,919.11
NCSGD	5,069.47	13,251.74
EA	-	26,274.59
AL	1,633.30	2,026.21
AK	872.28	6,510.22
AR	1,305.53	1,941.03
AZ	1,667.63	1,754.85
CA	3,072.41	96,051.95
CO	1,275.38	878.21
CT	1,162.44	1,517.08
DC	709.77	4,816.00
DE	961.60	1,495.46
FL	2,049.44	1,696.97
GA	1,389.64	1,174.17
HI	1,016.74	9,522.34
IA	39,447.16	21,344.33
ID	1,607.38	1,958.93
IL	1,361.27	2,066.45

Account	Endowment	Expendable
IN	1,311.80	1,533.42
KS	1,405.81	1,776.28
KY	1,073.10	1,212.91
LA	1,260.70	2,008.34
MA	1,809.46	1,870.07
MD	1,402.44	12,925.45
ME	1,357.39	1,770.83
MI	1,852.85	9,078.81
MN	1,651.23	2,729.81
MO	1,394.18	1,750.86
MS	1,610.07	5,952.88
MT	1,565.87	13,964.38
NC	947.07	2,258.78
ND	1,140.11	7,321.67
NE	1,557.95	3,935.11
NH	1,144.66	1,465.52
NJ	1,401.61	2,045.31
NM	1,332.23	1,747.78

Account	Endowment	Expendable
NV	1,271.11	1,562.06
NY	1,472.74	1,253.18
OH	1,869.15	1,952.19
OK	774.51	1,225.90
OR	1,156.01	497.91
PA	1,594.07	10,948.67
PR	1,388.14	1,899.30
RI	1,950.98	10,468.30
SC	1,640.29	151.57
SD	1,242.40	2,046.09
TN	1,686.07	991.29
TX	4,301.56	47,292.77
UT	1,555.55	1,840.70
VA	1,830.31	16,368.49
VT	844.96	1,293.55
WA	1,686.10	878.73
WI	1,816.02	18,214.42
WV	1,164.75	1,693.19
WY	1,778.68	2,393.08
Totals	126,222.90	465,519.24



Introduces...



Setting a new standard for education &  
career planning software

**An NSGF-Pathevo® Program**

- ❖ 12/4: Pathevo® Workshop for 1<sup>st</sup> 15 Space Grant lead institutions @ Univ. of Maryland - College Park:
  - Requesting two reps from each lead school
  - School becomes fully enrolled following workshop
- ❖ 1/15-2/15 (TBA): One-day Pathevo® Workshops for remaining Space Grant lead schools and affiliates