



NASA University Sp

Grant FY 2009 Activities

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NJSGC Summary of Activities

- Expansion of Consortium (from 5 to 9 to 14)
- Expansion of Programs (from 9 to 16 to 22)
- Establishment of New Contacts
- Competition in two RFPs (one successful)
- Marked Improvement on Diversity Record
- Substantial Progress in Most Areas, a Few Setbacks



Expansion of Consortium and New Contacts

- Four new academic institutions joined (College of N.J., Seton Hall, N.J. City University, Rowan Univ.)
- We now have 14 affiliates, 9 of them academic
- Contacts established with community colleges (Essex County College, Middlesex County College)
- Contacts established with
 - Museums and science centers (Liberty Science Center, Newark Museum, Meadowlands Environmental Center)
 - K-12 providers (N.J. After School Alliance, 2nd Challenger Center)
- We made several site visits



Expansion of Programs in FY 2009

- Two new fellowship programs (academic year, graduate)
- Four new higher education programs (design, course development, Rock On, minority graduate student)
- One new research program (mini grants to faculty)
- Revamping of informal education programs



New Initiatives in FY2009

- FY 2010 base and augmentation proposals successfully submitted
- Competed in the Summer of Innovation initiative (not successful, but we used the Summer of Innovation RFP to establish new contacts)
- Competed in the Consortium Development Competition. **We are one of the winners**
- Overall FY 2010 budget is \$845,000
- We are hosting the 2011 Regional Mid-Atlantic meeting



NJSGC FY 2010 Funding and Budget (just funded)

	FY 2010	Development	Totals	Percentages
Fellowships	180,000	55,000	235,000	27.8%
Research	109,000	11,600	120,600	14.3%
Higher Ed (Outcome 1)	94,500	58,000	152,500	18.0%
Higher Ed (Outcome 2)	32,000	11,000	43,000	5.1%
Pre-College	25,000	0	25,000	3.0%
Informal Education	9,600	0	9,600	1.1%
Operating	116,679	22,167	138,846	16.4%
Overhead (26.5%)	93,221	27,233	120,454	14.3%
Total	660,000	185,000	845,000	

We have six new programs in FY 2010



Administrative Actions in FY2009

- Staff of four: Director, Program Coordinator (Joe Miles), Project Coordinator (Aiesha Long), Web Master (Leora Wenger)
- More proactive with affiliates
 - We have been requesting that inactive campus representatives be replaced
 - We have been encouraging campus representatives to contact their faculty and students directly and frequently
- We have found out that
 - Email does not work (and gets ignored)
 - Personal visits to affiliates and presentations at affiliates works best
- We have been on the road a lot making site visits and we will be on the road even more next year
- We have a new web site (njsgc.rutgers.edu) and Facebook presence



NJSGC Diversity Initiatives

- Marked improvement in diversity record
 - We went from 12% to 37% for direct funded minority students (target is 28%).
 - Excellent collaboration with N.J. City University (a majority Hispanic academic institution)
 - Support of minority graduate student development and bridge programs (more on this later today)
 - Good luck in attracting minority students to the graduate fellowships
- Unfortunately, record with female students dropped from previous years to 33% (target is 45%)
 - Some female applicants rejected our fellowship offers and accepted other opportunities



Areas in Need of Improvement

- Efforts to establish an advisory board moving very slowly
- Getting affiliates more enthusiastic and to get campus representatives to publicize programs
- Getting Lead Institution sponsored programs office to better understand Space Grant. We have had issues with overhead and in making subawards
- Diversity record with female students
- Spreading our name statewide
- More even distribution of resources geographically
- Writing proposals to N.J. industry and government
- Expanding diversity initiatives statewide



Summary and Overall Outlook for the Future

- We have worked very hard this year
- Several improvements and expansion of programs
- Several new contacts
- A few obstacles
- We are not quite there yet, but we are looking in the right direction and we are making progress
- Thanks to all of you who have been role models for us and have helped us during difficult times