



New Jersey Space Grant Consortium Highlights

H. Baruh, Director



Outline

- New Director
- New Programs
- New Initiatives
- New Alliances



Director Search Process

- Search committee formed in Sept. 2008. Three current and previous representatives from member institutions
- Nominations accepted until Dec. 2008
- Committee deliberated and recommended two finalists
- Consortium members voted to select director from the finalists
- Search process concluded in June 2009



Director Search Process

- NJ immediately received the 2009 budget call from NASA headquarters
- FY 09 proposal submitted in early August
 - NJ counseled with many space grant directors and received substantial and relevant feedback
- NJ funded in September, 2009
- NJ has been re-established and is back on track



FY 09 Changes

- Consortium has moved to Rutgers University
 - Substantial amount of paperwork, brochures, and administrative effort in establishing Space Grant at a new Lead Institution
 - Previous NJSGC office at Stevens remains open as an auxiliary office
- Joe Miles will continue as Program Coordinator
- NJ has hired a new Program Assistant – Aiesha Jenkins



New Programs initiated in 2009

- Several new programs
 - Academic year fellowships (began last year)
 - Graduate study fellowships
 - Minority student development programs
 - Statewide aerospace senior design competition
 - Mini research grants to junior faculty
 - Aerospace course development
 - Support for traveling planetarium

New Programs initiated in 2009 (cont'd)



- Additional new programs
 - Additional teaching training programs
 - Participation in Rock On Workshop
 - Research programs teaming high school students, high school science teachers, and college students
 - Negotiated 52% reduction in overhead rate with Rutgers

NJSGC FY 09 Budget Summary

Name	Amount
Outcome 1 – Fellowships (Grad. Stud., aca. Yr, summer, NASA Acad.)	\$150,000
Outcome 1 – Research (Industry-university, res. Centers, mini grants)	\$133,000
Outcome 1 - Higher Education (aoe design, co-op, new courses, minority grad. student)	\$71,500
Outcome 2 - Higher Education (NYCRI, Rock On)	\$27,000
Outcome 2 – Pre-College (teacher ed., Challenger center)	\$23,000
Outcome 3 – Informal Education (Traveling Planetarium, lectures)	\$6,000
Office and Administrative (salaries, office expenses, travel)	\$106,515
Indirect Costs	\$72,985
Total	\$590,000



New Initiatives

- Establish good contacts with a minority serving institution, N.J. City University, in Jersey City
- Currently working with them on developing programs for community colleges and bridge programs
- Working with Univ. of Medicine and Dentistry to develop biological and medical programs
- Rebuild consortium from ground up by making new alliances and affiliations
- Generating outside support for consortium



New Initiatives (cont'd)

- Expansion of Consortium
 - Started funding institutions that are not members
 - Pending invitation to four colleges to join NJSGC, including the minority serving institution
 - Expansion of our statewide network
- Enhanced Tracking of Awardees
 - Tracking pledge form to be signed by all recipients
 - Universities who do not cooperate risk losing funding



Diversity Efforts

- NJSGC's diversity record with females has been good, but dismal with African Americans and Hispanics
- We will have more interaction with minority serving institutions and urban universities
- Feedback from them as to what works and what does not
- Outreach to community colleges, where the minority population is higher
- Minority student development programs
- Clear message to member institutions on improving our diversity record



Conclusion

- Entire realignment and director search process has been a tremendous learning experience
- NJSGC received lots of feedback from NASA and from several directors. All were very open in their comments. Thank you very much
- We'd like to thank two people in particular:
 - Katie Pruzan
 - Mary Sandy