New Jersey Space Grant FY 2009 Activities

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Director
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)
- Contacts established with 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)

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

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