Consortium Coordination Session

Dr. Carl Person and NASA HQ staff
Data Collection and Reporting

- 2008-2011... from Survey Monkey to the Data Archive!
Data Collection and Reporting

- OEPM
  - Project Activity Form
  - OEPM Implementation
Swag Policy
NASA Education - Model

**Vision:** To advance high quality Science, Technology, Engineering and Mathematics (STEM) education using NASA’s unique capabilities.

<table>
<thead>
<tr>
<th>Inputs</th>
<th>Audience</th>
<th>Outputs</th>
<th>FY 13 Annual Performance Goals</th>
<th>Performance Goals</th>
<th>Objectives</th>
<th>Outcomes</th>
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<td></td>
<td>Learners</td>
<td>Educators</td>
<td>Institutions</td>
<td><strong>APG 1:</strong> Provide significant, direct student awards in higher education to (1) racially or ethnically underrepresented students, (2) females, and (3) persons with disabilities at percentages that meet or exceed national STEM enrollment percentages for these populations, as determined by the most recent, publicly available data from the U.S. Department of Education’s National Center for Education Statistics for a minimum of two of the three categories.</td>
<td><strong>5.1.2.1</strong> Assure that students participating in NASA higher education projects are representative of the diversity of the nation, based on student enrollment data maintained by the U.S. Department of Education’s National Center for Educational Statistics.</td>
<td><strong>5.1.2</strong> Provide opportunities and support systems that recruit, retain, and develop undergraduate and graduate students in STEM-related disciplines.</td>
<td><strong>5.1</strong> Identify, cultivate, and sustain a diverse workforce and inclusive work environment that is needed to conduct NASA missions.</td>
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<td>Access</td>
<td><strong>APG 2:</strong> Maintain no fewer than 1,000 online STEM-based teaching tools for K-12 and informal educators and higher education faculty.</td>
<td><strong>6.1.2.1</strong> Ensure the availability and accessibility of NASA’s online curricular support and resources to improve educators’ STEM content knowledge and enhance student interest and proficiency in STEM disciplines.</td>
<td><strong>6.1.2</strong> Provide NASA experiences that inspire student interest and achievement in STEM disciplines.</td>
<td><strong>6.1</strong> Improve retention of students in STEM disciplines by providing opportunities and activities along the full length of the education pipeline.</td>
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<td>Experiences</td>
<td><strong>APG 3:</strong> Conduct no fewer than 200 interactive K-12 student activities that leverage the unique assets of NASA’s missions.</td>
<td><strong>6.2.1.1</strong> Increase NASA’s leadership role in national STEM improvement efforts, as demonstrated by provision of meaningful educator professional development and student experiences, adoption of education technologies, and contributions to STEM education policies and strategies.</td>
<td><strong>6.2.1</strong> Develop NASA’s leadership role in national STEM improvement efforts, as demonstrated by provision of meaningful educator professional development and student experiences, adoption of education technologies, and contributions to STEM education policies and strategies.</td>
<td><strong>6.2</strong> Promote STEM literacy through strategic partnerships with formal and informal organizations.</td>
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<td>Web infrastructure and distribution networks</td>
<td><strong>APG 5:</strong> Maintain the NASA Museum Alliance in no fewer than 30 states, U.S. territories and/or the District of Columbia.</td>
<td><strong>6.4.1.1</strong> Continue to provide opportunities for learners to engage in STEM education through NASA content provided to formal education institutions.</td>
<td><strong>6.4.1</strong> Use strategic partnerships with formal and informal educational organizations to provide NASA content to promote interest in STEM.</td>
<td><strong>6.4</strong> Inform, engage and inspire the public by sharing NASA’s mission, challenges, and results.</td>
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</table>

**Assumptions**
- Guidance through Congressional Authorizations
- Funding through Congressional Appropriations
- Executive Office of the President
- Education Design Team
- Education Coordinating Council
- Sufficiently skilled Education program staff
- Appropriate office/facilities for Education programs
- NASA Subject Matter Experts
- NASA Facilities
- Strategic Partners

**Challenges**

**External Factors**

**Evaluation (throughout Programs)**