Science Mission Directorate
Organization Reflects Increased Education Focus

SMD AA –
Dr. John M. Grunsfeld

SMD
Deputy Associate Administrator for Research
– Dr. Marc Allen

- Lead for Research, M. Bernstein
- Director, Science Engagement and Partnerships, K. Erickson
  - Education and Communications Manager, S. Stockman
  - Education and Communications Specialist, Vacant
- Director, Science Office for Mission Assessments, C. Daniels (LaRC)
- Senior Program Executive for Suborbital Programs, D. Pierce
- Chief Technologist, M. Seablom

Included in SMD Front Office
Definitions

- **Education.** Comprises those activities designed to enhance learning in science, technology, engineering, and mathematics (STEM) content areas using NASA's unique capabilities.

- **Communications.** Comprises the comprehensive set of functions necessary to effectively convey - and provide an understanding of - the program, its objectives and benefits to target audiences, the public, and other stakeholders. This includes a diverse, broad, and integrated set of efforts. These efforts are intended to promote interest and foster participation in NASA's endeavors and to develop exposure to - and appreciation for - STEM.
  - Media services,
  - Multimedia products and services (including Web, social media, and non-technical publications), and
  - Public engagement (outreach) activities and events.

- **Cooperative Agreement.** A legal agreement between the federal government and any other entity. A cooperative agreement occurs when the federal government transfers something of value, usually money, to a state government, municipality or private company for a public purpose. In a cooperative agreement, substantial interaction goes on between the federal government and the other party.

- **Scientific Literacy.** The knowledge and understanding of scientific concepts and processes required for personal decision making, participation in civic and cultural affairs, and economic productivity (NRC 1996)

* Per NPD’s 1380.1 and 1388.1
SMD Science Education Objectives

- Enable STEM Education
- Improve U.S. Scientific Literacy
- Advance National Education Goals
- Leverage through Partnerships
SMD Science Education Model

SMD Assets (Content, SME’s, etc) *

<table>
<thead>
<tr>
<th>Heliophysics</th>
<th>Science Education Provider(s)</th>
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<tbody>
<tr>
<td>Astrophysics</td>
<td>Examples:</td>
</tr>
<tr>
<td>Planetary</td>
<td>• TranslateDatasets to useful</td>
</tr>
<tr>
<td>Earth</td>
<td>information for users</td>
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<tr>
<td>Cross-division</td>
<td>• Alignment toeducation Standards</td>
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<td>andDecadal Questions</td>
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Outcomes to Meet these SMD Science Education Objectives

- Enable STEM Education
- Improve U.S. Science Literacy
- Advance National Education Goals
- Leverage Through Partnerships

Cross-divisional

* Divisions responsible for science content datasets, Infrastructure/Tools (e.g. Eyes, GSFC Visualizations), SME selection, and enabling flight opportunities

Figure 1
SMD Science Education Cooperative Agreement Notice (CAN) Process FY 2015

CAN Process Milestones

- OCT: Community Announcement
- JAN: Draft Text Released
- FEB: Final CAN Released
- APR: NOIs Due
- MAY/JUN: Full Proposals Due
- JULY/SEPT: Review
- OCT: Award Announcement

Events

- OCT: Community Interchange Meetings
- JAN: FY 2016 PBR
- FEB: NOIs Due
- MAY/JUN: Full Proposals Due
- JULY/SEPT: Review
- OCT: Award Announcement

- e.g. NSTA