Registration Table Days and Hours (Lobby Foyer)
Tuesday, 9/29/15:  3:30-5:30 PM and 7:30-8:30 PM
Wednesday, 9/30/15:  4:00-5:30 PM and 7:30-8:30 PM
Thursday, 10/1/15:  7:30 AM-5:30 PM
Friday, 10/2/15:  7:30 AM-5:00 PM
Saturday, 10/3/15:  8:00 AM-12:00 PM

Executive Committee Board Meeting (Aster I)
8:00 (75) Executive Committee Board Meeting – Part I (Breakfast provided at 7:30 am)
9:15 (15) Break
9:30 (60) Executive Committee Board Meeting – Part II
10:30 Adjourn

National Space Grant Foundation Board Meeting (Aster I)
11:00 (105) NSGF Board Meeting (Lunch provided at 12:00 pm)
12:45 Adjourn

Space Grant / NIFS Sub-Committee Meeting (Indigo)
11:00 (90) NASA Internships & Fellowships meeting chaired by NASA HQ Staff and Lenell Allen
12:30 Adjourn

General Session: Day 1 (Canyon I, III)

Council Business
1:00 (10) Welcome – Tim Swindle, AZ Space Grant Consortium
1:10 (15) Intro and Executive Committee Update – Stephen Ruffin (GA SGC), Council Chair
1:25 (10) Secretary and Treasurer’s Report – Haim Baruh (NJ SGC), Council Secretary and Majid Jaridi (WV SGC), Council Treasurer
1:35 (10) Nominating Committee Update – Suzanne Smith (KY SGC), Keith Hudson (AR SGC) and James Flaten (MN SGC)

Invited Talk
2:00 (20) Interplanetary Small Sats: Opportunities for Universities and Citizen Scientists, Mason Peck (NY SGC)

Space Grant Collaborative Programs
2:20 (15) Center for the Advancement of Science and Space Education Programs - Dan Barstow, The Virtual High School
2:35 (15) Space Station Academy - Dan Barstow, The Virtual High School
2:50 (25) Systematic Mentoring Model of the Timbuktu Academy - Diola Bagayoko, Associate Director LaSPACE (LA SGC)
3:15 (15) 2017 Eclipse Ballooning Project - Angela DesJardins (MT SGC)

3:30 (15) Coffee Break and Networking
National Council of Space Grant Directors' Fall Meeting  
Tucson, AZ  
October 1 – October 3, 2015

### Space Grant Student Presentations

<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45</td>
<td>15</td>
<td>Contributions of design thinking to innovation: JSC in the Classroom</td>
<td>Mircea Forte and Ericka Ricciutti</td>
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<td>(RI SGC)</td>
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<tr>
<td>4:00</td>
<td>15</td>
<td>Lessons About the Importance of Hands-On Experience, World View Enterprises Mission</td>
<td>Tim Basta (MT SGC)</td>
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<tr>
<td>4:15</td>
<td>15</td>
<td>Atmospheric Conditions Associated with Extreme Precipitation and Landslides in Southern California</td>
<td>Nina Oakley (NV SGC)</td>
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### Community College and Technical School Programs

<table>
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<tr>
<th>Time</th>
<th>Duration</th>
<th>Title</th>
<th>Presenters</th>
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</thead>
<tbody>
<tr>
<td>4:30</td>
<td>15</td>
<td>Space Grant Community College Programs in New Jersey</td>
<td>Susan Monroe and Haim Baruh</td>
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<td></td>
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<td>(NJ SGC)</td>
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<tr>
<td>4:45</td>
<td>15</td>
<td>Community of Practice Program at Western Nevada College</td>
<td>Thomas Herring</td>
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<td>(NV SGC)</td>
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<tr>
<td>5:00</td>
<td>15</td>
<td>MN Space Grant Community Coll. Quadcopter Competition</td>
<td>James Flaten</td>
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<td>(MN SGC)</td>
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<tr>
<td>5:15</td>
<td>15</td>
<td>Council Elections</td>
<td>Suzanne Smith, Keith Hudson,</td>
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<td>James Flaten</td>
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<td>(KY SGC, AR SGC, MN SGC)</td>
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<th>Time</th>
<th>Duration</th>
<th>Title</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>5:30</td>
<td>5</td>
<td>Announcements and Recap of Day 1</td>
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<tr>
<td>5:35</td>
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<td>Adjourn</td>
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*Free Evening – Dinner on your own*
### General Session: Day 2 (Canyon I, III)

<table>
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<tr>
<th>Time</th>
<th>Session Title</th>
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</thead>
<tbody>
<tr>
<td>7:30</td>
<td>Hot Breakfast (Canyon Foyer)</td>
</tr>
<tr>
<td>8:30</td>
<td>Announcements and Updates</td>
</tr>
</tbody>
</table>

#### NASA Education Updates

8:35  (20)  **Donald James**, NASA Associate Administrator for Education
- Presentation (10) and Q&A (10)

#### NASA Space Grant Program Updates

8:55  (40)  NASA Office of Education Program Updates – **Lenell Allen**, Director, Aerospace Research and Career Development, and NASA Headquarters Space Grant Staff
- Presentation (15)
- Q&A (25)

9:35  (40)  Space Grant Evaluation Program – **Patricia Shaffer**, Acting Director, Office of Infrastructure Division and Evaluation Manager, NASA HQ
- Presentation (10)
- Q&A (30)

10:15  (15)  **Coffee Break and Networking**

#### Space Grant Student Presentations

10:30  (15)  Space Grant Innovative Pilot in STEM Education - **Joshua Budish** (NM SGC)
10:45  (15)  STEM Programs Unwrapped – **Kam Yee** (ND SGC)
11:00  (20)  UPR Science Payloads Built and Launched Through the RockSat-X Project – **Oscar Resto**, **Samalis Santini**, **Alexis Oquendo**, and **Gladys Munoz** (PR SGC), and **Eric Adamson** and **Heins Kim** (Bifrost Co.)

#### National Space Grant Foundation Updates

11:20  (25)  **Barrett Caldwell**, Foundation Treasurer (IN SGC) and **Mark Fisher**

11:45  (10)  Networking Break

11:55  (65)  **Lunch (Canyon I, III)**
Invited Speaker: To Bennu & Back: The OSIRIS-REx Mission, **Dr. Dante Lauretta**, PI of OSIRIS-REx Mission

#### Interactive Flipped Meeting (Sonoran Room)
Small Group Discussion Topics: Needs, Resources, Opportunities, Proactive Ideas, and Recruiting & Retaining Underrepresented Minorities
1:00  (120)  **Angela Des Jardins** (MT SGC) and **Chris Koehler** (CO SGC)

3:00  (15)  **Coffee Break and Networking**
Collaborative Programs
3:15 (15) Growing Food in Space: The Steckler/Space Grant Lunar Greenhouse Project - Gene Giacomelli (AZ SGC)
3:30 (15) Space Grant Participation at Maker Faires – Justin Smith, NASA’s IV & V Program
3:45 (20) JSC Research Collaboration Opportunities with Space Grant and Success of Wearable Technology CLUSTER - Humberto “Beto” Sanchez (NASA JSC)
4:05 (10) Rock-On Update - Chris Koehler (CO SGC)

Space Grant Program Additional Items and Open Discussion Session
4:15 (15) Lenell Allen and NASA Headquarters Space Grant Staff
4:30 (30) Open Q&A Session: Program Coordinators, Directors and NASA Staff

5:00 (5) Announcements and Recap of Day 1
5:05 Adjourn

Space Grant Networking Reception
6:00 (90) La Paloma Country Club
The country club shares grounds with the resort. It is a short walk or bellmen can provide golf cart rides by request.
National Council of Space Grant Directors' Fall Meeting
Tucson, AZ
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«----------------- SATURDAY, OCTOBER 3 -----------------»

General Session: Day 3 (Canyon I, III)

8:00  (60)  Hot Breakfast (Canyon Foyer)
9:00  (10)  Announcements and Updates

Mission Directorate Working Groups
9:20  (45)  Mission Directorate Working Group breakouts
  - Aeronautics Research (Lantana)
  - Human Exploration and Operations (Indigo)
  - Science (Verbena)
  - Space Technology (Aster I and II)
10:05  (20)  Mission Directorate Working Group Chair reports

10:25  (20)  Coffee Break and Networking

SG Regional Breakouts
10:45  (45)  Space Grant Regional Breakout Sessions
  - Great Midwestern (Aster I and II)
  - Mid-Atlantic (Lantana)
  - Northeast (Verbena)
  - Southeastern (Finger Rock II and III)
  - Western (Indigo)
11:30  (20)  Regional Highlights

11:50  (10)  Meeting conclusion with recap of key discussions, key decisions, upcoming events, and outstanding actions

12:00  Adjourn