

National Council of Space Grant Directors' Fall Meeting

Tucson, AZ

October 1 – October 3, 2015

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

«————— *THURSDAY, OCTOBER 1* —————»

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
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Space Grant Student Presentations

- 3:45 (15) Contributions of design thinking to innovation: JSC in the Classroom – **Mircea Forte** and **Ericka Ricciutti** (RI SGC)
- 4:00 (15) Lessons About the Importance of Hands-On Experience, World View Enterprises Mission – **Tim Basta** (MT SGC)
- 4:15 (15) Atmospheric Conditions Associated with Extreme Precipitation and Landslides in Southern California – **Nina Oakley** (NV SGC)

Community College and Technical School Programs

- 4:30 (15) Space Grant Community College Programs in New Jersey – **Susan Monroe** and **Haim Baruh** (NJ SGC)
- 4:45 (15) Community of Practice Program at Western Nevada College - **Thomas Herring**, (NV SGC)
- 5:00 (15) MN Space Grant Community Coll. Quadcopter Competition - **James Flaten** (MN SGC)
- 5:15 (15) Council Elections - **Suzanne Smith** (KY SGC), **Keith Hudson** (AR SGC) and **James Flaten** (MN SGC)
- 5:30 (5) Announcements and Recap of Day 1
- 5:35 **Adjourn**
- Free Evening – Dinner on your own*

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« ————— **FRIDAY, OCTOBER 2** ————— »

General Session: Day 2 (Canyon I, III)

7:30 (60) Hot Breakfast (Canyon Foyer)
8:30 (05) Announcements and Updates

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 Adamsons** 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**

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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.

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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**