Arlington, VA February 28 – March 2, 2013

# THURSDAY, FEBRUARY 28 ———»

# **Executive Committee Board Meeting (Crystal III Meeting Room)**

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 (Crystal III Meeting Room)

10:45 (120) NSGF Board Meeting (Lunch provided at 12:00 pm)

12:45 **Adjourn** 

# General Session: Day 1 (Ballroom A)

#### **Council Business**

1:00	(10)	Welcome – <i>Richard Berendzen</i> , DC Space Grant Consortium
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1:10 (15) Intro and Executive Committee Update – Yervant Terzian (NY SGC), Council Chair

1:25 (10) Secretary and Treasurer's Report – *Scott Tarry* (NE SGC), Council Secretary and *Peter Sukanek* (MS SGC), Council Treasurer

1:35 (10) Nominating Committee Update – *Bill Garrard* (MN SGC), Nominating Committee Chair

#### **Invited Talk**

1:45 (60) Why is Public Communication about Space Science Important? – *Bruce Lewenstein* (Cornell University)

## 2:45 (20) Coffee Break and Networking

# **Space Grant Student Talks I**

3:05 (15) An Approach to Student Development of Space Hardware – *Eric Becnel and Brittani* Searcy, AL SGC

3:20 (15) Implementing a Supersonic Wind Tunnel for an Undergraduate Aerodynamics Laboratory – *Benjamin Arthur*, VA SGC

3:35 (15) Ionospheric Dust Collection Utilizing Aerogel and Sounding Rocket Technologies – *Iona Brockie*, NY SGC

3:50 (25) Surveillance for Intelligent Emergency Response Robotic Aircraft (SIERRA) – *Bryan Brown, Kevin Davis, and Andrew Puterbaugh*, OH SGC

#### **NASA Panel**

4:15 (60) Panel discussion: Directors of Education from NASA Centers and Mission Directorates

# **Foundation Business**

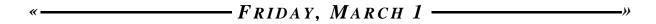
5:15 (25) Your Foundation Accounts: How Your Funds are Invested – *Peter Sukanek* (MS SGC), NSGF President and *Steve Prickett*, Merrill Lynch

5:40 (05) Announcements and Recap of Day 1

5:45 **Adjourn** 

Free Evening – Dinner on your own

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# General Session: Day 2 (Ballroom A)

7:30	(60)	II - 4 D 1-C 4
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8:30 (05) Announcements and Updates

# **NASA Program Updates**

8:35 (45) *Diane DeTroye*, NASA, Acting Manager for ARCD (Space Grant)

# Space Grant Programs and Research I

- 9:20 (15) TX SGC and JSC alignment Beto Sanchez and Ronnie Clayton, NASA JSC
- 9:35 (15) MnSG/JSC Functional Apparel Design Collaboration *Lucy Dunne*, University of Minnesota (sponsored by MN SGC) and *Cory Simon*, NASA JSC
- 9:50 (20) ISS Research and Education Opportunities for Space Grant Jurisdictions *Janejit Gensler*, NASA JSC

#### 10:10 (20) Coffee Break and Networking

#### **Invited Talk**

10:30 (60) NASA Science and Exploration – *John Grunsfeld*, Associate Administrator, NASA Science Mission Directorate

#### **Space Grant Programs and Research II**

- 11:30 (20) An Innovative Solution to NASA's Asteroid Impact Threat Mitigation Grand Challenge **Bong Wie**, Iowa State University (sponsored by IA SGC)
- 11:50 (10) RockOn Beyond 5 Years Chris Koehler, CO SGC

## 12:00 (60) **Lunch**

#### **Invited Talk**

1:00 (60) The Dream Chaser: The Future of U.S. Human Spaceflight – *Todd Mosher*, Director of Design and Development, Sierra Nevada Corporation

## **Space Grant Student Talks II**

- 2:00 (15) Transform( $\mathbf{x}$ ) = SpaceGrant(self),  $\forall$  self Jaime Corchado, CO SGC
- 2:15 (15) Space Exploration Induced Bone Loss: Cellular and Molecular Mechanisms *Angelica de Rosa*, NC SGC
- 2:30 (15) Kaman K-MAX Scale Helicopter Testing James McGuinness, CT SGC

# 2:45 (20) Coffee Break and Group Picture

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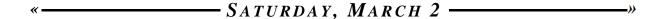
# -FRIDAY, MARCH 1 (CONTINUED) -

Panel Discussion, NASA Center Higher Education Officers					
3:05	(05)	Rationale and introductions – <i>Yervant Terzian</i> (NY SGC)			
3:10	(60)	Panel discussion (Moderator: <i>David Rosage</i> , NASA GSFC)			
		Panel members:			
		David Kankam (NASA GRC)			
		Theresa Martinez (NASA KSC)			
		Arturo Sanchez III (NASA JSC)			
		Frank Six (NASA MSFC)			
4:10	(15)	General discussion			
4:25	(05)	Recap and conclusions – <i>Yervant Terzian</i> (NY SGC)			
4:30		Adjourn			

6:30	(210)	National Space Grant Distinguished Service Award Reception and Banquet
		for Dr. E. Julius Dasch (Atrium & Ballroom A)

Space Grant Student Poster: All General Session Days (Ballroom A/B Foyer) "Visiting Our Solar System (VOSS) Project" - Rachael Fulper, IN SGC

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# General Session: Day 3 (Ballroom A)

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

# **Mission Directorate Working Groups**

- 8:35 (45) Mission Directorate Working Group breakouts
  - Aeronautics Research (Crystal III Meeting Room)
  - Human Exploration and Operations (Crystal V Meeting Room)
  - Office of the Chief Technologist (Crystal II Meeting Room)
  - Science (Crystal VI Meeting Room)
- 9:20 (20) Mission Directorate Working Group Chair reports

# **Future Meetings**

9:40 (05) Fall 2013 National Meeting – Cassandra Runyon, SC SGC

## 9:45 (20) Coffee Break and Networking

#### **Consortium Coordination**

10:05 (60) Consortium Coordination Session – NASA Space Grant Headquarters Staff, Directors, and Coordinators

## **SG Regional Breakouts**

- 11:05 (30) Space Grant Regional Breakout Sessions
  - Great Midwestern (Crystal VI Meeting Room)
  - **Mid-Atlantic** (Ballroom A)
  - Northeast (Crystal II Meeting Room)
  - Southeastern (Crystal III Meeting Room)
  - Western (Crystal V Meeting Room)
- 11:35 (15) Regional Highlights
- 11:50 (10) Meeting conclusion with recap of key discussions, key decisions, upcoming events, and outstanding actions
- 12:00 Adjourn