

2016 Western Region Space Grant Meeting

Riverhouse on the Deschutes, 2850 Rippling River Ct., Bend, Oregon
September 29 – October 1, 2016

Wednesday, September 28, 2016

3:00 – 8:00p Registration table open at Riverhouse on the Deschutes Convention Center

Thursday, September 29, 2016

Half-Day Geology Hike – (Optional)

- 8:00a (60) Meet at Riverhouse old front lobby (up the hill from main entrance) to board van for hike
9:00a (240) Hike led by Shan de Silva, Oregon State University
Boxed lunches included
1:00p (60) Drive back to hotel

White Water Rafting on the Deschutes – (Optional)

- 9:45a (15) Meet at Riverhouse old front lobby (up the hill from the main entrance) to board the van to Sun Country Tours
10:30a (20) Depart Sun Country Tours for Deschutes River
10:50a (75) Raft the Deschutes on The Big Eddy Thriller
12:15p (15) Return to hotel

The Bend Brew Pub Cycle Tour – (Optional)

- 2:45p (15) Meet at Riverhouse old front lobby (up the hill from the main entrance) to board the van to Brew Pub Cycle
3:30p (120) Brew Pub Cycle around Bend
5:30p (15) Return to hotel

12:00-8:00p Registration table open at Riverhouse on the Deschutes Convention Center
Dinner on your own

Friday September 30, 2016

7:00a – 5:00p Registration table open at Riverhouse on the Deschutes Convention Center

- 7:00a (60) Hot Breakfast
8:00a (20) Welcome and Introductions – **Roy Haggerty**, Associate Vice President for Research, Oregon State University and **Jack Higginbotham**, Director, Oregon Space Grant, Oregon State University
8:20a (60) Space Object Behavioral Science: From Spacecraft Navigation to Space Traffic Monitoring - **Moriba Jah**, Director, Space Object Behavioral Sciences, The University of Arizona (AZ Space Grant)
9:20a (20) First Nations Launch - **Christine Thompson**, Assistant Director, Wisconsin Space Grant, Carthage College
9:40a (20) Northwest Earth and Space Sciences Pipeline (NESSP) – **Robert Winglee**, Director, Washington Space Grant, University of Washington

10:00a (20) Break

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- 10:20a (20) Testing Drones at the FAA National Test Site at the Warm Springs Unmanned Aerial Systems Test Range – **Aurolyn Stwyer**, Confederated Tribes of Warm Springs (OR Space Grant)
- 10:40a (20) PLANETS: Space Science Curricular Materials for Out-of-School-Time Programs – **Nadine Barlow**, Associate Director, Arizona Space Grant, Northern Arizona University
- 11:00a (20) Connecting K-12 to Industry and the Scientific Community – **Melissa Dubois**, Director, South Metro-Salem STEM Center (OR Space Grant)
- 11:20a (15) Dive into Engineering - **Trinesha Dixon**, Activity Manager, Micro-g NExT, NASA Johnson Space Center
- 11:35a (25) Prepare for 2017 Total Solar Eclipse – **Jim Todd**, Director of Space Science Education, Oregon Museum of Science and Industry (OR Space Grant)
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- 12:00p (60) Lunch
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- 1:00p (20) Dialog on Increasing Engagement Between Space Grant and NASA Centers – **Dave Berger**, NASA Armstrong Flight Research Center
- 1:20p (60) HQ Space Grant Program Office Update – **Lenell Allen**, Director, Aerospace Research and Career Development, NASA Office of Education
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- 2:20p (20) Break/Group Photo
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- 2:40p (90) NASA Space Grant Eclipse Ballooning Project – **Angela De Jardins**, Director, Montana Space Grant, Montana State University, Bozeman
- 4:10p (20) General Q/A
- 4:30p Adjourn
- 5:30p Board bus at Riverhouse old front lobby (up the hill from the main entrance) for dinner banquet
- 5:45p Depart Riverhouse PROMPTLY at 5:45pm
- 6:00p (180) Hosted dinner and reception – The High Desert Museum
- 9:00p (15) Board bus to return to hotel
- 9:15p Return to hotel

Saturday, October 1, 2016

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- 8:00a – 1:00p Registration table open at Riverhouse on the Deschutes Convention Center
- 7:00a (60) Hot Breakfast
- 8:00a (30) Blue Origin - Waking up to New Opportunities – **Heather Nelson**, University Outreach Manager, Blue Origin, LLC
- 8:30a (15) RockSat-C – **Delphine Le Brun Colon** and **Levi Willmeth**, Linn-Benton Community College/Oregon State University (OR Space Grant)
- 8:45a (90) Hands-on Activity Lego Mindstorm – **Hilda Pereyo**, Director of Education, Evergreen Aviation & Space Museum (OR Space Grant)
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- 10:15a (20) Break
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- 10:35a (30) Pine Mountain Observatory – **Scott Fisher**, Department of Physics, University of Oregon (OR Space Grant)
- 11:05a (20) Experimental Sounding Rocket Association (ESRA) Intercollegiate Rocket Competition – **Paul Mueller**, Utah State University; **Sadie Boyle**, **Curtis Crawford**, **Matt Hoeper**, and **Nathan Schorn**, Oregon State University, (OR Space Grant)
- 11:25a (10) Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) – Partnering Opportunities for a High-Altitude Balloon Project– **Ed Galindo**, Associate Director for Education and Diversity, Idaho Space Grant, University of Idaho
- 11:35a (15) Alaska and Oregon Space Grant Collaborative CubeSat Workshop – **Morgan Johnson**, USIP Grad Student Mentor, University of Alaska, Fairbanks (AK Space Grant)
- 11:50a (20) Modern Eddington Experiment 2017 – **Toby Dittrich**, Portland Community College (OR Space Grant)
- 12:10p (15) How to Survive an Audit – **Talia Jurgens**, Program Manager, Texas Space Grant, University of Texas, Austin
- 12:25p (10) Fall 2017 National Meeting Update – **Jim Casler**, Director, North Dakota Space Grant, University of North Dakota
- 12:35p (5) Closing remarks
- 12:40p Meeting adjourn
Lunch on your own

There will be a brief, 30-minute meeting for Oregon Affiliates following the conclusion of the Western Region Meeting

Pine Mountain Observatory Tour – (Optional)

- 5:20p (10) Meet at Riverhouse old front lobby (up the hill from the main entrance) to board the van to PMO
- 5:30p (35) Depart Riverhouse / Drive to PMO (Boxed meal included)
- 6:05p (280) Night Sky observing
- 10:45p (10) Board vans to travel back to hotel
- 10:55p (35) Travel back to hotel