



North Dakota Space Grant Annual Affiliates Meeting
April 13-14, 2018
North Dakota State University
Fargo, ND

Friday, April 13, 2018

Reimers Room in Harry D. McGovern Alumni Center

1:15 pm	(5)	Bora Suzen	Welcome
1:20 pm	(10)	Jim Casler	Introductions
1:30 pm	(30)	<u>Caitlin Nolby & Marissa Saad</u>	Highlights from the Past Year
2:00 pm	(15)	<u>Bradley Hoffman</u>	<i>Diverse Applications of Engineering: From Attitude Control Systems to Characterization of Spider Silk</i>
2:15 pm	(15)	<u>Sean Mahoney</u>	<i>Leg Blood Flow Restriction during Rowing Exercise as a Countermeasure for Microgravity Induced Deconditioning</i>
2:30 pm	(15)	<u>Ashley Peterson</u>	<i>WFIRST Facility Cryo Radiator Support</i>
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2:45 pm	(15)	<i>Break</i>	
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3:00 pm	(15)	<u>Denise Buckner</u>	<i>New Perspectives, Ancient Phenomenon: High Altitude Ballooning through a Solar Eclipse</i>
3:15 pm	(15)	<u>Shae Skager</u>	<i>Reaching ND as a STEM Ambassador</i>
3:30 pm	(15)	<u>Dr. Ghodrat Karami</u>	<i>NDSU Rover Challenge Team</i>
3:45 pm	(15)	<u>Brad Mackowick & Students</u>	<i>West Fargo FIRST Robotics Team</i>
4:00 pm	(15)	<u>Noah Curfman</u>	<i>An Overview of the NDSU 2018 NASA Robotic Mining Competition Effort</i>
4:15 pm	(45)	Flipped Session	<i>All Attendees</i>
4:30 pm			<i>Adjourn!</i>
6:00 pm			<i>No-Host Dinner at Porter Creek</i>



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Saturday, April 14, 2018

Room of Nations in the Memorial Union

8:15 am	(30)	Breakfast Provided	
8:45 am	(30)	Caitlin Nolby & Marissa Saad	Flipped Session
9:15 am	(10)	<u>Group Picture</u>	
9:25 am	(15)	<u>Sophie Orr</u>	<i>Moving Around on Mars</i>
9:40 am	(15)	<u>Peter Henson</u>	<i>Engineering Systems in High-Altitude Ballooning</i>
9:55 am	(15)	<u>Skye Leake</u>	<i>Reverse Geolocation of Imagery Taken from the ISS Utilizing Lightning Datasets</i>
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10:10 am	(15)	<i>Break</i>	
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10:25 am	(15)	<u>James Meyers & Joshua Dahn</u>	<i>UND Formula SAE</i>
10:40 am	(15)	<u>Brad Mackowick & Students</u>	<i>FIRST Robotics Demonstration in Mandan Room (Main Floor)</i>
10:55 am	(15)	<u>Kindred Students</u>	<i>Near-Space Balloon Competition</i>
11:10 am	(15)	<u>Emma Twedt</u>	<i>Teaching Scientific Thought</i>
11:25 am	(15)	<u>NDSU Teams</u>	<i>UAS and ROV Competition Teams</i>
11:40 am	(60)	<u>Space Grant Business Meeting</u>	
		Lunch	
12:40 pm		NDSU Tour (<i>Optional</i>)	