



NASA in the Classroom

STEM Activities and Incorporating Standards Teacher Workshop



University of North Dakota Campus
March 28 – 29, 2014

Friday March 28, 2014

*All sessions take place in Skalicky Hall Room 211 unless otherwise noted.

11:00 – 11:15am	Introduction and Workshop Logistics
11:15am – 1:00pm	Moons of Jupiter Investigation
1:00 – 1:45pm	<i>Working Lunch</i> Moons of Jupiter Investigation (cont.)
1:45 – 3:00pm	Sorting the Solar System Activity
3:00 – 3:15pm	<i>Break</i>
3:15 – 4:00	Asteroids, Comets, Meteorites, and Dinosaurs <i>UND Professor Mike Gaffey</i>
4:00 – 4:30pm	Space Rocks! Impact Activity
4:30 – 5:30pm	Human Spaceflight Laboratory Interactive Tour *Aerospace Buildings Space suits, habitat, rover, spacecraft simulators <i>UND Space Studies Graduate Student Assistants</i>
5:30 – 6:30pm	<i>Working Dinner</i> Nature of Science and Next Generation Science Standards
6:30 – 8:00pm	Lesson Plan Selection for Modification *Streibel Hall Computer Lab – Room 103 NASA Education Online Resources Exploring the “Hands-on Universe DVD”
9:30 – 11:00pm	Night Sky Observation with Telescopes and iPads *Outside Clifford Hall ** <i>Weather Dependent</i>

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8:30am	<i>Light Continental Breakfast</i>
8:45 – 9:00am	Wake up with a Pocket Solar System!
9:00 – 9:45am	Framework for K-12 Science Education
9:45 – 10:45am	On Target! Activity
10:45 – 11:00am	<i>Break</i>
11:00am – 12:00pm	Modification of Lesson Plans to align with Science Practices and Nature of Science
12:00 – 12:45pm	<i>Working Lunch</i> Sharing of Modified Lesson Plans
12:45 – 1:45pm	Mission to the Moon Team Project
1:45 – 2:00pm	<i>Break</i>
2:00 – 3:00pm	Planetarium *Skalicky Hall - 1 st Floor Atrium <i>UND Professor Tim Young</i>
3:00 – 3:30pm	Reflections, Wrap-up, and Evaluations

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