

AGU-NESTA Geophysical Information For Teachers (GIFT) Workshop

Hot Topics in Earth and Space Science!

Marriott Marquis Golden Gate A

Monday, December 3, 2012

7:30 – 8:00 BREAKFAST

8:00 -8:05 **Welcome from AGU** – Pranoti Asher (Manager of Education and Public Outreach)

8:05 – 8:15 **Introductions and Logistics** – Roberta Johnson (NESTA)

8:15 – 9:45 ***Drilling Back in Time: Understanding the Past to Predict the Future of Climate Change***, Louise Huffman and David Harwood, ANDRILL/University of NE-Lincoln

9:45 – 10:00 BREAK

10:00 – 11:30 ***Looking for Life on Mars and Europa***, Max Coleman, NASA/Jet Propulsion Laboratory; Kay Ferrari, NASA/Jet Propulsion Laboratory; and Laura Venner, Buehler Challenger & Science Center

11:30 – 12:15 LUNCH (and Share-a-Thon set up beginning about noon)

12:15 – 1:15 **Share-a-Thon 1** – Goksenin Sen, University of Victoria; Jennifer Bricken, Howard Hughes Medical Institute; Wendy Van Norden, NASA Solar Dynamics Observatory; Michelle Selvans, National Air and Space Museum; Jeannie Allen, Sigma Space Corp; Erin Wood, University of Colorado Boulder; Randy Russell, UCAR; Kelly Ford, East Limestone High School; Jill Davis, Crest Academy

1:15 – 1:30 BREAK (Share-a-Thon clean up)

1:30 – 3:00 ***GeoMapApp Learning Activities***, Andrew Goodwillie, Lamont-Doherty Earth Observatory; and Steve Kluge, Resources for Geoscience Education

3:00 – 3:30 Discussion, Closing for day 1, Resources at meeting for afternoon/evening and exhibit hall, Plan for day 2, Daily evaluation

3:30 Adjourn for Exhibits, Meeting

Tuesday, December 4, 2012

7:30 – 8:00 BREAKFAST

8:00 – 8:15 Overview of Plans for Day 2, Logistics

8:15 – 9:45 ***Measuring Plate Movements with GPS to Understand Earthquake Hazard***, Shelley Olds, UNAVCO; Beth Pratt-Sitaula, Central Washington University/UNAVCO; and James McCaughey, Earth Observatory of Singapore/Nanyang Technological University

9:45 – 10:00 BREAK

10:00 – 11:30 ***Blue Marble Matches: Using Earth for Planetary Comparisons***, Paige Graff and Jaclyn Allen, NASA/Johnson Space Center

11:30 – 12:15 LUNCH (and Share-a-Thon set up beginning about noon)

12:15 – 1:15 **Share-a-Thon 2** – Jonathan Jiang, NASA/Jet Propulsion Laboratory; Julie Malmberg, GLOBE; Shelley Olds, UNAVCO; Connie Walker, NOAO; David Jungblut, Oakcrest High School; Francesca Hopkins, Climate, Literacy Empowerment And iNquiry; Anne Gold, Climate Literacy and Energy Awareness Network; Emily Kellagher, CIRES

1:15 – 1:30 BREAK (Share-a-Thon clean up)

1:30 – 3:00 ***Understanding the Air We Breathe by Connecting to NASA's Airborne Campaign***, Jim Crawford, Lin Chambers, Jessica Taylor, and Byron Meadows, NASA Langley Research Center

3:00 – 3:30 Discussion, Closing, Next steps, Daily evaluation

3:30 Adjourn for Exhibits, Meeting