

**AGU-NESTA Geophysical Information For Teachers (GIFT) Workshop 2014**

**Hot Topics in Earth and Space Science!**

**The Westin Hotel on Market St.; Franciscan Ballroom**

**Monday, December 15**

7:30 – 8:00 BREAKFAST

8:00 -8:05 **Welcome from AGU** – Bethany Adamec, AGU Education and Public Outreach Coordinator

8:05 – 8:15 **Introductions and Logistics** – Dr. Roberta Johnson, Executive Director, NESTA

8:15 – 9:45 **Teaching Earth and Space Science using the Next Generation Science Standards** – Dr. Michael Wyession (Washington University at Saint Louis)

9:45 – 10:00 BREAK

10:00 – 11:30 **The MAVEN Mission: What We Hope to Learn About the Ancient Atmosphere of Mars**– Lee Pruett (Notre Dame High School), Erin Wood (University of Colorado, LASP), and Dr. Claire Raftery (University of California, Berkeley)

11:30 – 12:15 LUNCH

12:15 – 1:15 **Share-A-Thon 1**

1:15 – 2:45 **Teaching Climate Using the Third National Assessment** – Robert Taylor and Laura Stevens (Cooperative Institute for Climate and Satellites, North Carolina)

2:45 – 3:15 Discussion, Closing for Day 1

3:15 Adjourn for Exhibits, Meeting

4:00 – 6:00 Optional Field Trip – **The Geology of Downtown San Francisco** – Dr. John Karachewski (EPA) - meet in lobby of Moscone South near luggage check-in

## Tuesday, December 16

7:30 – 8:00 BREAKFAST

8:00 – 8:10 Overview of Plans for Day 2, Logistics

8:10 – 8:55 **NASA Wavelength** – Cassie Soeffing and Theresa Schwerin (Institute for Global Environmental Strategies)

9:00 – 9:45 **Earth2Class: A Compendium of Educational Resources for You and Your Students** – Michael Passow (Lamont-Doherty Earth Observatory)

9:45 – 10:00 Break

10:00 – 11:30 **Yellowstone National Park as a Hotbed for Inquiry** - Shelley Olds and Dave Mencin (UNAVCO)

11:30 – 12:15 LUNCH

12:15 – 1:15 **Share-A-Thon 2**

1:15 – 2:45 **Changing Planet: Earth and Life Through Time** – Dr. Mark Nielsen (Howard Hughes Medical Institute) and Heather Olins (Harvard University)

2:45 – 3:00 Discussion, Closing, Next Steps

3:00 – 3:15 Workshop Evaluation

3:30 Optional - **Special Presentation for GIFT Registrants at the NASA Hyperwall** – Cassie Soeffing (IGES) and NASA scientists from the Earth Science Division, Planetary Science Division, and Heliophysics Division. See the latest scientific research, geared towards educators, in a visually dynamic way on the NASA Hyperwall in the Exhibit Hall.