

JOIN PRCST FOR A

FREE WORKSHOP

April 12, 2014 at the Carnegie Science Center
As the PA NASA ERC Presents

New Worlds-New Discoveries, One Mission at a Time:

The 2014 Theme for Sun-Earth Days

8:30am – 3:00pm Six Act 48 Hours Lunch and Resources Provided
SPACE LIMITED

Proposed Agenda – Speakers Invited

- 8:30am Registration –welcome (Coffee available)
- 9:00 Earth's Rocks – PA Geological Society – Judith Neelan
 GSA Geoscientists Reach Out to Educators
 Teachers and students alike can learn a lot from the Geological Society of America (GSA), an AGI member society and Earth Science Week partner. GSA is an organization of geoscientists in industry, government, business, and academia who are committed to the ongoing professional growth of Earth scientists.
- 9:20 Break out activities: Jackie Pfeiffer
 Polar Rock Observatory Boxes: The PRB contains a collection of rock specimens gathered by U.S. expeditions to Antarctica over the past century and is part of the Byrd Polar Research Center at The University of Ohio
 Lunar Rock Samples
- 10:00 BREAK
- 10:15 What is a Comet? Did you follow ISON? Dan Malerbo/CSC Educator
 The NASA Rosetta Mission – to Land on a Comet
 What is a Comet? Did you follow ISON?
 Far from Home: The NASA MAVEN Mission to Mars
- 11:00 Back to Earth – Climate Changes
 Severe Weather – Storm water management – ALCOSAN
- 11:20 Non-Point Source Water Pollution, Farm Runoff - A&WMA, demo – Jayme Graham
- 12:00 Breakout activities: Climate Changes and Farms/crops – World Hunger – Christine Mills
 Pollination Problems/impacts:
 Where are the Monarchs?
 Bee Colony Collapse and Pesticides
- 12:15 Omnimax – “Flight of the Butterflies”
- 1:00 LUNCH
- 1:30 Ecological Knowledge and Our Earth – Breakout Sessions - PAEE Ruth Roperti, Pres.
- 2:00 Activities: Healthy Woodlands, Recycling Crayons, Composting, Worm Bins
- 2:50 STEM Careers: Summary and Assessment

To reserve a space – email Christine Mills - phyblog@yahoo.com for a registration form.