

Wednesday, April 2, 2014

NETWORKING EVENT: STELAR Convening at NSTA

5:30-7:30pm, Westin Boston Waterfront Hotel, Otis Room

Join us for a reception to meet and network with colleagues from other ITEST projects, STEM practitioners and researchers, and learn more about STELAR! Drinks and appetizers will be served. Please [register](#) by March 28, 2014.

Thursday, April 3, 2014

Workshop: Using Web-based GIS to Investigate Rain Forest Conservation Issues in the Brazilian Amazon • 12:30-1:30pm, *Boston Convention & Exhibition Center, Room 157C* • Join us with your laptop/tablet as we address the NGSS and CCSS through a web-based interactive map that enables students to investigate real environmental questions. **Presenters:** Jim MaKinster (Hobart and William Smith Colleges: Geneva, NY); Carol Burch (Hannibal High School: Hannibal, NY); Nancy Trautmann (Cornell Lab of Ornithology: Ithaca, NY)

Workshop: Solar One Clean Tech • 4:00-5:30pm, *Boston Convention & Exhibition Center, Room 104B* • Explore Solar One's Clean Tech curriculum that supports STEM learning through hands-on interactive labs. Through four units - Energy, Materials, Water, and Food- students explore topics such as renewable energy, biomimicry, stormwater management, and hydroponics. Workshop attendees will engage in activities and receive curricular resources they can take back to their classrooms. **Presenters:** Sarah Pidgeon (Solar One: New York, NY); Alex Smith (Solar One: New York, NY)

Workshop: Forensic Entomology: A Unique Way to Study Insects • 5:00-6:00pm, *Boston Convention & Exhibition Center, Room 256* • Engage your classroom in a "sting" operation. Participants will work together to solve

three "crimes" involving insects. Tips for using insects in the classroom will be shared by an entomologist and teachers. **Presenters:** Carol Ann Ross (Arkansas State University: State University, AR); Karen Yanowitz (Arkansas State University: State University, AR); Tanja McKay (Arkansas State University: State University, AR); Deborah K. Teems (Mountain Home High School: Mountain Home, AR)

Friday, April 4, 2014

Exhibitor: ASPB Plant Biology Outreach Booth • April 4-5, 2014, 9:00am-5:00pm, *Boston Convention & Exhibition Center, Booth 842* • Our project included the creation of the after school curriculum, "Backyard Mystery" (<http://ucbiotech.org/backyardmystery>). An interactive game inspired by one of the activities in the curriculum will be on display to familiarize NSTA attendees with the resource.

Connecting Physical Science and Engineering Through the Design of an Underwater Robot • 11:00am-12:00pm, *Boston Convention & Exhibition Center, Room 205C* • Join me for an in-depth discussion of underwater robotics projects as vehicles for teaching and connecting physical science and engineering principles, along with the unique challenges involved. **Presenter:** Jason C. Sayres (Stevens Institute of Technology: Hoboken, NJ)

Saturday, April 5, 2014

Do's and Don'ts for Having a Successful Family Science Night in Secondary Schools • 8:00-9:00am, *Seaport Hotel, Seaport Ballroom A* • Join us as we present tips compiled by junior and senior high school teachers for conducting successful Family Science Nights. Engage in selected activities and take home handouts. **Presenters:** Carol Ann Ross (Arkansas State University: State University, AR); Tanja McKay (Arkansas State University: State University, AR); Jacquie Dubrava

(Harrisburg Middle School: Harrisburg, AR); Karen Yanowitz (Arkansas State University: State University, AR); Michelle Dunham (Marion Middle School: Marion, AR); Shelley Ledbetter (Gainesville Junior/Senior High School: Gainesville, MO)

Exhibitor: ASPB Plant Biology Outreach Booth • April 4-5, 2014, 9:00am-5:00pm, *Boston Convention & Exhibition Center, Booth 842* • Details provided in April 4th listing.

Sunday, April 6, 2014

Addressing the NGSS Nature of Science Standards in Real-World Conservation Biology Contexts • 11:00am-12:00pm, *Boston Convention & Exhibition Center, Room 153C* • Bring the nature of science in the NGSS to life with free web-based multimedia profiles portraying conservation biology research and career ambitions of six Cornell graduate students. **Presenters:** Carol Burch (Hannibal High School: Hannibal, NY); Nancy Trautmann (Cornell Lab of Ornithology: Ithaca, NY); Jim MaKinster (Hobart and William Smith Colleges: Geneva, NY)

For more information about these and other sessions, visit <http://www.nsta.org>.

