

## **2020 HASTI Conference Workshops.**

The following four workshops will be offered on Sunday, February 9. These workshops are available to those who are registering for the conference and also for those who want to attend only on Sunday. See the registration form for Sunday only.

Register early for these workshops. Limited seating for some workshops.

**Workshop Title:** Elementary GLOBE Professional Development

**Presenters:** Sarah Nern and Steve Smith

**Time Frame:** Sunday, February 9 - 1pm to 4 pm

**Maximum Number of Participants:** 36

**Workshop Fee:** \$10

**Brief description of workshop:** Elementary GLOBE modules help teachers make connections to both literacy and math through science. Participating teachers will receive GLOBE certification.

**Audience:** Elementary (K-5)

**Location:** Wyndham - Indianapolis West

**Workshop Title:** Hands on Biotech with Bio-Rad: Opioid Dependence & Global Health

**Presenters:** Sherry Annee

**Time Frame:** Sunday, February 9 - 1pm to 4 pm

**Maximum Number of Participants:** No limit

**Workshop Fee:** \$10

**Brief description of workshop:** Explore the genetics of opioid dependence and measure protein content in foods to combat undernutrition while using two new kits from Bio-Rad.

**Audience:** High School

**Location:** Brebeuf High School, Indianapolis, IN

**Workshop Title:** Abstract Strategy Games and Hypotheses

**Presenters:** David Maloney

**Time Frame:** Sunday, February 9 - 1pm to 4 pm

**Maximum Number of Participants:** 42

**Workshop Fee:** \$10

Brief description of workshop: Learn how to use abstract strategy game materials to introduce students to the processes of formulating and testing hypotheses.

Audience: Middle Level (6-8), High School Level (9-12), College Level

Location: Wyndham - Indianapolis West

Workshop Title: HELP! I Don't Know Where to Begin.....

Presenters: Elaine Gwinn

Time Frame: Sunday, February 9 - 1pm to 4 pm

Maximum Number of Participants: 42

Workshop Fee: \$20

Brief description of workshop: Participants will learn about important aspects for design challenges and will try their hand at writing a design challenge appropriate for their grade level.

Audience: Middle Level (6-8)

Location: Wyndham - Indianapolis West

Workshop Title: Using Model Aircraft in Your Classroom - Academy of Model Aeronautics - Arconic Foundation

Presenter: Rick Crosslin

Time Frame: Sunday, February 9 - 1pm to 4 pm

Maximum Number of Participants: 42

Workshop Fee: \$10

Brief description: Join us as we learn how to use model aircraft to learn important STEM science concepts and practices. The Academy of Model Aeronautics & Arconic Foundation will provide free classroom resources - 3 models, lesson plans, AeroLab DVD, and much more.

Audience: Elementary (K-5), Middle Level (6-8)

Location: Wyndham - Indianapolis West