

Thursday, April 14, 2016

8:00am **Breakfast, Introductions, Announcements - Auditorium**

8:30am **Plenary Speaker: Dr. Brook Wilke**, Farm Manager, Kellogg Biological Station. *Innovative solutions for sustainable agriculture at KBS.* – **Auditorium**

We will take a glimpse at the lessons learned from research at KBS relating to ecosystem services associated with crop and livestock agriculture, but primarily focus on management systems that optimize ecosystem services.

9:30am **Concurrent Session Teasers - Auditorium**

10:00am **Concurrent Session 1**

- A. **Smartphone microscope.** (All grade levels) Jakob Nalley (KBS K-12 Fellow) **Location: Classroom XXX**

Jakob will demonstrate the smartphone microscope

- B. **Adventures in Avida-ED.** (HS track) Louise Mead (MSU) **Location: Terrace Room**
- Digital evolution

- C. **Using models in the classroom** (MS/HS track) Anne-Marie Hoskinson (MSU) **Location: Classroom XXX**
- Using models in the classroom

11:00am **Break** (Auditorium) *At this time, please sign up for carpool groups for afternoon sessions*

11:15am **Concurrent Session 2**

- A. **3D printing** (All grade levels) Kim Sandefur (Comstock STEM) **Location: Classroom XXX**
- Workshop description

- B. **RET Arabidopsis project** (MS/HS track) Doug Schemske (MSU) **Location: XXXXX**
- Workshop description

- C. **Nature – there’s an App for that** (All grade levels) Michael Kuczynski and Sarah Garnett (KBS K-12 Fellows) **Location: XXX**
- Workshop description



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KBS K-12 Partnership Spring Workshop 2016 – Preparing Tomorrow’s Scientists: Technology in the Classroom

12:15pm **Lunch** at McCrary Dining Hall *(All elementary teachers join Kara at lunch to discuss Teaching Science Outdoors)

1:15pm **Assemble with carpool group, to LTER**

1:30 **Outdoor sessions at LTER and Dairy** (groups will do both)

Rainfall simulator Julie Doll (KBS LTER)

- Demonstrate the rainfall simulator

KBS Dairy field trip Misty Klotz (KBS)

- Check out the dairy

3:30pm **Break & Guacamole – Auditorium**

3:30pm **Free stuff and future plans for the Partnership - Auditorium**

4:00pm **Evaluation and Adjourn**



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