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) ____ (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)

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

12:15pm Group photo behind the Manor House
KBS K-12 Partnership Spring Workshop 2016 – Preparing Tomorrow’s Scientists: Technology in the Classroom

12:30pm Lunch* at McCrary Dining Hall

*Teaching Science Outdoors: all elementary teachers are invited to sit together at lunch to learn more about TSO and give updates on using the schoolyard for science!

1:30 Outdoor sessions (groups will do both) Location: meet in Auditorium and carpool to LTER?

Rainfall simulator Julie Doll (KBS LTER)
- Demonstrate the rainfall simulator

KBS Dairy field trip Misty Klotz (KBS)
- Check out the dairy

3:15pm Break & Guacamole - Auditorium

3:30pm What’s next for the KBS K-12 Partnership? Summer Institute, RETS, etc.- Auditorium

4:00pm Evaluation and Adjourn