

KBS K-12 Partnership 2019 Spring Workshop – **TUESDAY**, April 16th

8:00am **Welcome & Introductions** (Auditorium, includes Breakfast): Examples of brain breaks and ice breakers to bring back to the classroom

8:30am **Plenary Speaker: Jen Owen**, Associate Professor in the Department of Fisheries and Wildlife at Michigan State University. **Topic: Avian health and disease ecology**

9:45am **Concurrent Session Teasers** (Auditorium)

10:00am **Concurrent Session 1**

A. Topic: Resources for teaching evolution at the K-12 level

Organizer: Dr. Louise Mead (Education Director at MSU BEACON Center)

B. Topic: Air carbon transforms into matter and energy!

Organizer: Caro Cordova (Postdoctoral researcher at KBS-GLBRC)

C. Topic: Native bee habitat

Organizer: Veronica Bolhuis (MSU Extension 4-H Program Coordinator)

11:00am **Break**

11:15am **Concurrent Session 2**

A. Topic: Creating and Using Data Nuggets at KBS

Organizer: Elizabeth Schultheis (Postdoctoral researcher at MSU BEACON Center)

B. Topic: Demography and traits of organisms

Organizer: Robert Logan (KBS Graduate Student, Integrative Biology) & Meredith Zettlemoyer (KBS Graduate Student, Plant Biology)

C. Topic: Great Lakes Bioenergy Research (GLBRC) and Carbon TIME websites

Organizer: Caro Cordova (Postdoctoral researcher at KBS-GLBRC)

12:15pm **Lunch**

McCrary Dining Hall

1:15pm **Concurrent Session 3**

A. Topic: Native bee habitat

Organizer: Veronica Bolhuis (MSU Extension 4-H Program Coordinator)

B. Topic: Soil health

Organizer: Corinn Rutkowski (KBS Lab Technician)

C. Topic: TBD

Organizer: TBD

2:15pm **Break** (snacks in Auditorium!)

2:30pm **Concurrent Session 4**

A. Topic: Spiders!

Organizer: Lindsey Kemmerling (KBS Graduate Student, Integrative Biology)

B. Topic: Inquiry in the school garden

Organizer: Kara Haas (KBS Science Education and Outreach Coordinator) & Jaci Barrett (4th grade teacher, Lakeview School District)

C. Topic: Soil health

Organizer: Holly VanderStel (KBS Lab Manager)

3:30pm **'Long-term Ecological Research' what and why?**

Our Partnership is supported by funding from the National Science Foundation's Long-term Ecological Research program here at KBS. Let's review the basics, what is long-term ecological research and why is it important?

4:00pm **Evaluation & Adjourn**