

KBS K-12 Partnership Summer Institute 2012

The KBS K-12 Partnership Leadership Team, GK-12 Fellows, RETs, and GK-12 Partner Teachers will meet for two Summer Institute planning days in June (June 20-21). Please contact Robin at hibbsr@msu.edu for more information. All KBS K-12 Partnership teachers are invited to join us for an exciting Summer Science Institute from June 25th to 29th. Please email Robin or Sara (hibbsr@msu.edu or parrsar1@msu.edu) for more information. We look forward to seeing you!

June 25-29, 2012

Agenda Monday, June 25:

8:00am Welcome and Introduction (Robin Tinghitella and Tom Getty)-Auditorium

8:30am Plenary: Sarah Bodbyl Roels (University of Kansas)-Auditorium

9:30am KBS K-12 Partnership 2011-2012: The Year in Review (Robin Tinghitella and Sara Syswerda)-
Auditorium

10:15am Break

10:30am Fellow Introductions and Concurrent Session Teasers-Auditorium

12pm Lunch at McCrary

1pm Fellow Led Sessions

- Large Scale Landscape (indoor)-Tyler Bassett and Sara Garnett (Terrace Room)
- Biomass- Michael Kuczynski and Jake Nalley (237)
- Randomization and Soil Sampling- Tomomi Suwa, Cara Krieg, and Dustin Kincaid (140 and 141)

4:00pm Adjourn

Agenda Tuesday, June 26:

8:00am Welcome and Introduction (Robin Tinghitella and Sara Syswerda)-Auditorium

8:30am State of the BEST plots-Auditorium

9am Fellow Led Sessions

- Small Scale Landscape (outdoor) -Tyler Bassett and Sara Garnett (Terrace Room)
- Plant Biodiversity- Michael Kuczynski and Jake Nalley (237)
- Soil Texture & Sedimentation - Tomomi Suwa, Cara Krieg, and Dustin Kincaid (140 and 141)

12:00 pm Lunch at McCrary

1:00pm Fellow Led Sessions

- Landscape-Tyler Bassett and Sara Garnett -- Landscape Purpose Cross Plot comparisons (Terrace Room)
- Invertebrate Biodiversity- Michael Kuczynski and Jake Nalley (237)
- Soil Ammonium, Nitrate & pH- Tomomi Suwa, Cara Krieg, and Dustin Kincaid (140 and 141)

4:00pm Adjourn

Agenda Wednesday, June 27:

8:00am Welcome and MSP Session Teasers (Sara Syswerda)-Auditorium

8:30am GLBRC educator Leith Nye-Auditorium

8:45am Plenary: Jenny Dauer, Michigan State University- Auditorium

9:45am Break

10:00am Teasers for MSP sessions

10:15am Next Generation Science Standards -- all teachers (Auditorium)

11:45pm Picture in back of Kellogg Manor House

12pm Lunch at McCrary

1pm Math Science Partnership Sessions

- Elementary teachers: LTER Forest Tour with Justin Kunkle, Fort Schemske Tour with Mark Hammond (meet Robin, Tom, and Tyler in front of McCrary)
- Carbon-Andy Anderson and Jenny Dauer--140
- Biodiversity-Jennifer Doherty --Terrace Room

4:00pm Adjourn

Agenda Thursday, June 28:

8:00am Welcome and Introduction (Sara Syswerda and Andy Anderson)-Auditorium

8:30am MSP Sessions

- Investigating Student Thinking about Watersheds (Sara Syswerda, Marcia Angle, and Becky Drayton)-Terrace Room
- Biodiversity-141
- Elementary Teachers- Make Biodiesel and Biomass Pellets with Dennis Pennington (2 hours), Hike new Bird Sanctuary Loop Lake Trail (1 hour) Meet in Auditorium

12pm Lunch at McCrary

1pm MSP Sessions

- RET Session with Liz Ratashak, Cheryl Hach, and Debi Kilmartin-Terrace Room
- Carbon-Andy Anderson and Jenny Dauer-140
- Elementary Teachers: LTER explorations with Julie Doll and Becky Drayton (1.5 hours), BEST plot session with Robin Tinghitella and Tom Getty (1.5 hours)--Meet in front of McCrary

4:00pm Adjourn

4:00pm Teacher Advisory Committee Meeting (Auditorium)

Agenda Friday, June 29:

8:00am Welcome and Introduction (Robin Tinghitella, Sara Syswerda)-Auditorium

8:30am Plenary: Julie Doll, Kellogg Biological Station-Auditorium

9:30am Fellow led sessions

- Cara Krieg- meet in back of auditorium

- Dustin Kincaid-237
- Jake Nalley-141/140
- Sara Garnett-Auditorium

11:45pm Rain-alternate for picture in back of Kellogg Manor House

12pm Lunch at McCrary

1pm Fellow led sessions

- Cara Krieg-meet in front of McCrary
- Dustin Kincaid-237
- Jake Nalley-141/140
- Sara Garnett-Auditorium

3pm District Planning/Popcorn/Movies (auditorium)

4:00pm Evaluation, sign invoices and Adjourn

Session Abstracts:

Investigating Student Thinking About Watersheds (Marcia Angle, Becky Drayton, and Sara Syswerda): In this session, we will look at student thinking about watersheds and how water flows through watersheds. We will look at student responses, tools that can help students reason through where water will go, and build a watershed model to help students translate a 2-D depiction of a watershed (a map) into a 3-D representation. This session will include some time outside with some walking and watershed construction on a sandy beach.

Participant List

Email Robin Tinghitella (hibbsr@msu.edu) if you would like to be added to this list.

Comstock: Shirley Gilland, Mary Grintals, Karen Rodwan (4 days), Mark Shenefield, Laurie Anderson, Emmie Kimmer, Canaan Groff (TWRF), Kelley Howard (Monday), Charlene Dailey (MWRF), Wendy William, Stacie Van Zandt, Jan Kiino

Delton-Kellogg: Connie High, Stewart Schofield (Monday), Julie Renauldo, Rob Groesbeck, Lisa Kellam, Shasta Waller

Galesburg-Augusta:

Gobles: Becky Drayton, Kristi Tullis, Leah Herman

Gull Lake: Debi Kilmartin, Kari Freling, Jen Boyle (MTWR), Kim Clancy, Chris Lapekas (M)

Harper Creek: Meredith Hawkins, Erik Crooks, Maria Farkas, Alissa Renner, Joene Joostberns, Gary Garland (M), John Severson (M), Steve Barry (MT), Amy Smith, Jim Eckert, Heather Mahoney-Shipley, Thom Shipley, Shel Kunji,

Hastings: Marty Buehler, Tim Johnston (Monday),

Kalamazoo Area Math Science Center: Cheryl Hach,

Lawton: Marcia Angle, Dennis VanWeelden

Martin: Rob Robrahn, Craig Oliver, Christy Wonderly

Olivet: Russ Stolberg, Mike Flood (M), Cheryl Worden,

Parchment: Jodi McManus

Plainwell: Marty Green, Bob Van Dis (Monday), Rick Hurdelbrink, Jackie Warners

Thornapple-Kellogg: Jamie Bowman, Shaun Davis, Martha LaVoie

Vicksburg: Liz Ratashak, Dave Nette, Tina Porter

KBS: Tom Getty, Andy Anderson, Robin Tinghitella, Sara Syswerda, Jonathon Schramm (W, R), Jennifer Doherty (W,R), Tomomi Suwa, Michael Mucynski, Tyler Bassett, Cara Krieg, Dustin Kincaid, Jake Nalley, Megen Larsen, Sara Garnett, Jenny Dauer (W, R), Julie Doll (R, F), Joelyn de Lima, Jiwon Kim (W), Courtney Lannen (WR), Joyce Parker (WR)

WMU Evaluation Staff: Bob Ruhf (M, T, F), Mark Jenness (M, T, F), Cody Williams (M, T, F)

Visitors: Kelsey Johnson (WR), Sarah Bodbyl Roels (MTF), Leith Nye (TW)