Welcome. Jonathan Thompson (Harvard Forest)

Session I. Current Research by Graduate Students and Post-doctoral Fellows

1. Understanding plant phenology and false spring risk in a warming world. Catherine Chamberlain (Harvard University OEB)

2. Soil respiration & the interacting effects of forest fragmentation and land use. Sarah Garvey (Boston University)

3. Tree species traits determine the success of LiDAR-based crown mapping at the Harvard Forest MegaPlot. Jack Hastings (University of New Hampshire)

4. Monitoring the impacts of invasive insects on forest structure with LiDAR. Peter Boucher & Arthur Elmes (Harvard University OEB & University of Massachusetts – Boston)

5. Drivers and mechanisms of long-term soil response to chronic warming. Luiz Domeignoz Horta (Zurich University)

Session II. Undergraduate Research & Education

6. Undergraduate Research and Education at the Harvard Forest: Connections to the LTER program and Harvard University. Clarisse Hart (Harvard Forest)


Panel: Mentor and student perspectives on Summer Program impact
Mentor: Martha Hoopes (Mount Holyoke College); Student: Seanne Clemente (University of Massachusetts)
Mentor: Aaron Ellison (Harvard Forest); Student: Alyssa Hernandez (Harvard University OEB)

8. A vision for changing the face of ecology by leveraging the HF Summer Research Program with its network. Sydne Record (Bryn Mawr College)
Session III. Schoolyard Ecology

9. 15 Years of Schoolyard Ecology: Lessons & Future Directions. Pamela Snow (Harvard Forest)

Panel: A 360° View of Broader Impacts in the Classroom (moderator: Emery Boose, Harvard Forest)
- 10 Scientist View: Impact Multiplier: Why I Do It. Dave Orwig (Harvard Forest)
- 11 Teacher View: Students Becoming Scientists, One Observation at a Time. Kate Bennett (JR Briggs Elementary)
- 12 Grad Student View: Telling Data Stories, from the Lab to the Classroom. Fiona Jevon (Dartmouth College)

13. Service to LTER Award presented to Kate Bennett

Closing: Missy Holbrook, Harvard Forest Interim Director