9:00 Welcome. Jonathan Thompson (Harvard Forest)

9:10 Session I. Current Research by Graduate Students and Post-doctoral Fellows

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

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

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

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

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

10:10 Session II. Undergraduate Research & Education

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)

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

11:05 Session III. Schoolyard Ecology

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)

• Scientist View: Impact Multiplier: Why I Do It. Dave Orwig (Harvard Forest)

• Teacher View: Students Becoming Scientists, One Observation at a Time. Kate Bennett (JR Briggs Elementary)

• Grad Student View: Telling Data Stories, from the Lab to the Classroom. Fiona Jevon (Dartmouth College)

Service to LTER Award presented to Kate Bennett

12:00 Adjourn