



31st ANNUAL HARVARD FOREST ECOLOGY VIRTUAL SYMPOSIUM

AUDIO RECORDING TIMES

TUESDAY, 22 SEPTEMBER 2020

9:00 A.M. – 12:00 P.M.

00:00:00

Welcome. Jonathan Thompson (Harvard Forest)

00:02:28

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

00:02:46

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

00:18:09

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

00:31:38

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

00:43:49

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

00:57:10

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

01:11:00

Session II. Undergraduate Research & Education

01:11:40

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

01:23:27

7. *The Harvard Forest Summer Research Program in Ecology: a long-term program for a long-term research site.* Audrey Barker Plotkin (Harvard Forest)

01:37:04

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)

01:55:15

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

02:10:40

Session III. Schoolyard Ecology

02:11:04

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

02:30:48

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)

02:56:18

13. Service to LTER Award presented to Kate Bennett

03:01:02

Closing: Missy Holbrook, Harvard Forest Interim Director