

The University of Michigan Department of Ecology and Evolutionary Biology virtually presents the

16th Annual Early Career Scientists Symposium



NATURAL HISTORY COLLECTIONS: DRIVERS OF INNOVATION

**A virtual symposium
held on five consecutive
Fridays:**

March 5 – April 2, 2021
1 p.m. - 3 p.m.

**Registration required
for Zoom entry**
Further information and complimentary
registration at: myumi.ch/Jy07N

*Sponsored by the University of Michigan
Department of Ecology and Evolutionary
Biology*

Image credits
Painted meadow grasshopper, western rattlesnake,
burrowing owl: Eric LoPresti. Moon snail, plant,
rabbit skull: John Megahan. Mushrooms: Tim James.
Background cabinet: Linda Garcia.
Poster design: John Megahan.

Schedule

March 5
Keynote Speaker: Rob Guralnick
Florida Museum of Natural History
Sizing up new uses of natural history collections for ecogeography and global change biology

March 12
Jocelyn Colella
University of New Hampshire
*Connecting next-generation museum collections to
public health*

March 19
Alexis Mychajliw
Middlebury College
*Conflicts in context: natural history collections as
archives of human-carnivore interactions through time*
Alex White
National Museum of Natural History
Biogeography of fern shapes as revealed by deep learning

March 26
Eric LoPresti
Michigan State University
*Plants and the materials that stick to them: an
ecological and evolutionary investigation*

April 2
Keynote Speaker: Pamela Soltis
Florida Museum of Natural History
Integrative research using natural history collections: examples from herbaria

Kelly Speer
National Museum of Natural History
*Determining drivers of symbiont evolution in a
multi-tier hierarchical system*

Daniel Park
Harvard University
*Herbarium collections reveal wide variation in plant
phenological responses to climate*

Laurel Yohe
Yale University
*Morphological and developmental basis of olfactory
evolution: evidence from museum-collected
iodine-stained bat specimens and embryos*

