

15th ANNUAL PLANT BIOLOGY INITIATIVE SYMPOSIUM

FUNGI & PLANTS

ECOLOGY AND INTERACTIONS

MAY 3-4, 2021 / VIRTUAL ON ZOOM

DAY 1: MAY 3, 2021

- 11:00am – 12:00pm **C. Kevin Boyce**, *Early evolution of fungi, plants and the carbon cycle – What could happen? What would it look like?*
- 12:00 – 12:30pm **Lunch Break**
- GROUP 1:**
12:30 – 1:00pm **Basal groups of fungi, AM Fungi, bacteria, soil microbes**
1:00 – 1:30pm **Anna Rosling**, *Genomics of arbuscular mycorrhizal fungi*
1:30 – 2:30pm **Timothy James**, *Hunting for dark matter fungi to illuminate the Tree of Life*
Teresa E. Pawlowska, *Ends & means: How heritable endobacteria manipulate their fungal hosts*
- 2:30 – 3:00pm **Moderated Discussion**
- 3:00 – 3:30pm **Break**
- GROUP 2:**
3:30 – 4:00pm **Communities and function**
Peter Kennedy, *Exploring links between decomposer structure and function in the afterlife of fungal mycelium*
- 4:00 – 4:30pm **Elizabeth Arnold**, *A global mosaic of interactions: Ecological and evolutionary perspectives on fungal endophytes from seeds, leaves, and lichens*
- 4:30 – 5:00pm **Kabir Peay**, *Exploration of niche properties and niche construction by the ectomycorrhizal fungus *Suillus pungens**
- 5:00 – 6:00PM **Moderated Discussion**

DAY 2: May 4, 2021

- GROUP 3:**
11:30am – 12:00pm **Ectomycorrhizal fungi and bacterial interactions**
Matthew E. Smith, *Truffles aren't just for Foodies: Metagenomics and epifluorescence reveal the important role of birds in fungal dispersal*
- 12:00 – 12:30pm **Gregory Bonito**, *Mortierellales diversity and their interactions with bacteria and photobionts*
- 12:30 – 1:00pm **Catherine Aime**, *Reconciling the rusts and the consequences of a complex life cycle*
- 1:00 – 2:00pm **Lunch Break**
- 2:00 – 5:00pm **DISCUSSION/WRAP UP**