

15th ANNUAL PLANT BIOLOGY INITIATIVE SYMPOSIUM

FUNGI & PLANTS

ECOLOGY AND INTERACTIONS

MAY 5, 2020 / WELD HILL RESEARCH BUILDING / 1300 CENTRE ST, BOSTON, MA

8:00 – 8:30AM

REGISTRATION

8:30 – 8:40AM

INTRODUCTORY COMMENTS

GROUP 1:

Basal groups of fungi, AM Fungi, bacteria, soil microbes

8:40 – 9:25AM

Timothy James, *Hunting for fungal dark matter to decorate (or disrupt) the Tree of Life*

9:25 – 10:10AM

Anna Rosling, *Genomics of arbuscular mycorrhizal fungi - an ubiquitous symbionts of land plants*

10:10 – 10:55AM

Teresa Pawlowska, *Unraveling the mechanisms of symbiosis formation between early-divergent fungi and bacteria*

10:55 – 11:10AM

BREAK

GROUP 2:

Communities and function

11:10 – 11:55AM

Peter Kennedy, *Exploring mycorrhizal fungal community dynamics through the lens of host specificity*

11:55 – 12:40PM

Betsy Arnold, *Functional and community diversity of fungi that live within healthy leaves and lichens*

12:40 – 1:30PM

Kabir Peay, *Dispersal and succession in a post-fire ectomycorrhizal community*

1:30 – 2:30PM

LUNCH

GROUP 3:

Ectomycorrhizal fungi and bacterial interactions

2:30 – 3:15PM

David Hibbett, *Evolution of ectomycorrhizal symbioses in Agaricomycetes: Macroevolutionary and genomic perspectives*

3:15 – 4:00PM

Matthew Smith, *Fungi follow their host plants: The biogeography of South American ectomycorrhizal fungi*

4:00 – 4:45PM

Greg Bonito, *Interactions between Mortierellales with bacteria and photobionts*

4:45 – 5:00PM

BREAK

GROUP 4:

Plant pathogens and the phylloplane

5:00 – 5:45PM

Cathie Aime, *How plant interactions helped drive diversification in early diverging Basidiomycota*

5:45 – 6:00PM

DISCUSSION/WRAP UP

6:00 – 7:00PM

RECEPTION