

***Phytophthora* Identification Workshop**

Garbelotto Lab

UC Berkeley Campus, Berkeley, CA

June 20, 2016

This workshop will provide a broad background on *Phytophthora* biology, ecology, and morphology, as well as a guide to the morphological and molecular identification of the most important forest *Phytophthoras*.

10:00 am - 3:30 pm

10:00 - 10:15 Welcome, Introductions, Logistics

10:15 - 11:15 What are *Phytophthoras*? A Description of Their Evolution, Biology, Ecology and of General Phenotypic Traits, Including Plant Symptoms Used for Diagnostics.

Matteo Garbelotto, UC Berkeley

11:15 - 11:30 Break

11:30 - 12:15 How Can We Differentiate the Major Evolutionary Clades Within the Genus *Phytophthora*? A Guide Through the Morphology Traits That Differentiate Major Groups of Species.

Laura Sims, UC Berkeley

12:15 - 1:30 Lunch

1:30 - 2:15 Identifying the Major Players in Natural Ecosystems, Including Sampling Approaches.

Laura Sims

2:15 - 2:30 Break

2:30 - 3:30 A Quick Guide to the Molecular Analysis of *Phytophthoras*.

Kelly Ivors, California Polytechnic State University San Luis Obispo

3:30 Adjourn