



**BOTANY AND PLANT SCIENCES 250: Plant Biology Seminar Series**  
**Spring Quarter 2019**

Location: **Genomics Auditorium**

Time: **Wednesdays, 4:10-5pm**

| Date    | Speaker                                                                                                                                                                                                                                     | Seminar Title                                                                                                                                                                                                                          |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| April 3 | <b>Noah Teller</b><br>BPSC 3 <sup>rd</sup> yr PhD student<br>Loralee Larios' lab                                                                                                                                                            | ***3 <sup>rd</sup> year seminar***<br>Title: <i>Understanding and Mitigating Management-Associated Impacts to Plant Communities in Natural Areas</i><br><br>(Host: Lorelee Larios)                                                     |
| Apr 10  | <b>Sydney Glassman</b><br>Assistant Professor<br>Department of Microbiology<br>UC Riverside                                                                                                                                                 | Title: <i>Climate, fire, and the secret life of underground microbes</i><br><br>(Hosts: Janet Franklin/Darrel Jenerette)                                                                                                               |
| Apr 17  | <b>Rachel Rattner</b><br>PhD candidate<br>Mike Roose's lab<br>UC Riverside                                                                                                                                                                  | ***thesis defense seminar***<br>Title: <i>Genome-wide analysis of small RNA and mRNA expression profiles during fruit development in grafted citrus</i><br><br>(Host: Mike Roose)                                                      |
| Apr 24  | <b>Richard Cowling</b><br>Distinguished Professor<br>Department of Botany; African<br>Centre for Coastal Paleoscience<br>Nelson Mandela University<br>South Africa<br><a href="https://accp.mandela.ac.za/">https://accp.mandela.ac.za/</a> | Title: <i>What can Mediterranean Climate Ecosystems tell us about the evolution of plant diversity?</i><br><br>(Host: Janet Franklin)                                                                                                  |
| May 1   | <b>H. Scott Butterfield</b> ,<br>Senior Scientist<br>The Nature Conservancy, California                                                                                                                                                     | Title: <i>One Restoration (very flexible) Plan to Rule Them All: How The Nature Conservancy and Partners are working together to strategically retire and restore farmland in the San Joaquin Valley</i><br><br>(Host: Lorelee Larios) |
| May 8   | <b>Marcos Longo</b><br>Scientist<br>Carbon Cycling and Ecosystems<br>Jet Propulsion Laboratory, NASA<br>Pasadena CA                                                                                                                         | Title: <i>The impacts of Amazon forest degradation on carbon, water, and energy cycles: Insights from an integrated remote-sensing and modeling analysis</i><br><br>(Host: Louis Santiago)                                             |
| May 15  | <b>Michala Phillips</b><br>Edie Allen's lab                                                                                                                                                                                                 | ***thesis defense seminar***<br>Title: <i>Invasion in the chaparral: uncovering soil microbial and plant physiological mechanisms</i><br><br>(Host: Edie Allen)                                                                        |
| May 22  | <b>Karl Niklas</b><br>Professor<br>School of Integrative Plant Science<br>Cornell University                                                                                                                                                | ***The Gomez-Pompa Lecture***<br>Title: <i>TBD</i><br><br>(Hosts: BPSC GSA)                                                                                                                                                            |
| May 29  | <b>Jeffrey Ross-Ibarra</b><br>Department of Plant Sciences<br>UC Davis<br><a href="http://www.rilab.org/">http://www.rilab.org/</a>                                                                                                         | Title: <i>Adaptation in plant genomes: transposable elements and the functional space hypothesis</i><br><br>(Host: Xuemei Chen)                                                                                                        |
| Jun 5   | <b>Bryan Berger</b><br>Chemical Engineering<br>University of Virginia                                                                                                                                                                       | Title: <i>Polysaccharide processing enzymes: Structure, function and applications to pre- and post-harvest pathogens</i><br><br>(Hosts: Norm Ellstrand and Linda Walling)                                                              |