Plant and Microbial Biology Spring 2007 Seminar Series

Mondays and Fridays (as noted), 12-1 pm, Room 101, Barker Hall

Mon. 2/5 - Xuemei Chen, UC Riverside **HOST: Jenn Fletcher**
Biogenesis of microRNAs and small interfering RNAs in Arabidopsis

Mon. 2/12 - Todd Dawson, UC Berkeley **HOST: Sydney Kustu**
Some recent advances in understanding the ecophysiology of the Earth's largest plants

Mon. 2/26 - Tim Close, UC Riverside **HOST: Peggy Lemaux**
The world of barley genomics

Mon. 3/5 - Arnon Lecture, Achim Trebst, University of Bochum **HOST: Bob Buchanan**
Fifty years since Berkeley: From photosynthesis to tocopherol and oxidative stress

Mon. 3/12 - Michael Friedrich, University of Tubingen **HOST: Paul Ludden**
Meet the players: Direct identification of microorganisms involved in biogeochemical cycling and pollutant degradation

Mon. 3/19 – Benjamin Gutman, Ph.D. Finishing Talk **HOST: Kris Niyogi**
DNA repair in the chloroplast

Mon. 4/2 - Mark Young, Montana State University **HOST: Andy Jackson**
New viruses from Yellowstone's high temperature environments and applications of protein cage architectures in nanotechnology

Mon. 4/9 - Ralph Quatrano, Washington University **HOST: Bob Fischer**
The role of the actin nucleating complexes (Arp 2/3 & SCAR) and the transcriptional regulator ABI3 in moss (Physcomitrella patens) development

Fri. 4/13 - Jon Penterman, Ph.D. Finishing Talk **HOST: Bob Fischer**
Epigenome homeostasis: Role of DNA demethylation in Arabidopsis

Mon. 4/16 - Rick Amasino, University of Wisconsin **HOST: Bob Fischer**
Vernalization: remembering winter with an epigenetic switch

Fri. 4/20 - Elise Kikis, Ph.D. Finishing Talk **HOST: Peter Quail**
Arabidopsis mutants that affect phytochrome B-mediated photomorphogenesis

Mon. 4/23 - Glenn Dulla, Ph.D. Finishing Talk **HOST: Steve Lindow**
Bacterial Babel: Breaking down quorum-sensing crosstalk in the phyllosphere

Mon. 4/30 - Buchanan Lecture, Savithramma Dinesh-Kumar, Yale University **HOST: Post-docs**
Emerging perspectives on plant innate immunity: Nuclear-cytoplasmic function of resistance proteins in defense

Fri. 5/4 – Julio Ramirez, Ph.D. Finishing Talk **HOST: Sarah Hake**
The knotted phenotype: An insight into the transcriptional regulation of the homeobox gene knotted1 (kn1), in maize

Mon. 5/7 - Tsujimoto Lecture, Craig Pikaard, Washington Univ. **HOST: Grad Students**
RNA polymerase IV and the siRNA-mediated DNA methylation pathway in plants