



Distinguished Lectures in Microbiology Spring 2012

*****Thursdays at 3:30 p.m. in Ebling Symposium Center, Microbial Sciences Building*****

- February 2** **Dr. Audrey P. Gasch**, University of Wisconsin-Madison
Genomic Approaches to Studying Environmental Responses in Fungi
- February 9** **Dr. Jay C. Dunlap**, Dartmouth Medical School
Genetic and Molecular Dissection of a Simple Circadian System
- February 16** **Dr. Malcolm Winkler**, Indiana University
Cell Wall Biosynthesis and Antibiotic Stress Responses in Pneumococcal Growth and Virulence
- February 23** **Dr. William Hickey**, University of Wisconsin-Madison
Nanopods: Architecture and Function of Novel Bacterial Structures
- March 1** **Dr. Carl Bauer**, Indiana University
Regulatory Signals Controlling Microbial Cyst Cell Development
- March 8** **Dr. Sylvie Garneau-Tsodikova**, University of Michigan
Towards Understanding and Combating Bacterial Resistance to Aminoglycoside Antibiotics
- March 15** **Dr. Daniel Bond**, University of Minnesota
Combining genetics, electrochemistry, and spectral analysis to understand the Geobacter conductive biofilm
- March 22** **Dr. Anne Dunn**, The University of Oklahoma
Understanding Alternative Oxidase Expression and Function in Marine Bacteria: Vibrio fischeri as a Model System
- March 29** **Dr. Shawn Campagna**, University of Tennessee
Probing Biological Systems with Emerging Chemical Tools
- April 12** **Dr. Stephen Osmani**, The Ohio State University
Towards understanding the regulation of mitosis, lessons from classical genetics to proteomics
- April 19** **Dr. Bryce Nickels** Rutgers University
Use of Small RNAs to Prime Transcription Initiation in Bacteria
- April 26** **Dr. Arash Komeili**, University of California-Berkeley
Molecular Mechanisms of Compartmentalization and Biomineralization in Magnetotactic Bacteria
- May 3** **Dr. Barbara Valent**, Kansas State University
Effector Dynamics During Invasion of Living Rice Cells by the Blast Fungus Magnaporthe oryzae