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