



# Distinguished Lectures in Microbiology Fall 2011

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

- September 15** **Dr. Lee Kroos**, Michigan State University  
From Bacterial Development to Human Health **\*\*NOON SEMINAR\*\***
- September 29** **Dr. Birgit Alber**, Ohio State University  
3-Hydroxypropionate Metabolism by *Rhodobacter sphaeroides*
- October 6** **Dr. Shelley Copley**, University of Colorado-Boulder  
Catalytic Promiscuity and Serendipitous Metabolic Pathways
- October 13** **Dr. Tom Bobik**, Iowa State University  
Bacterial Microcompartments for 1,2-Propanediol Degradation:  
Do They Have Selectively Permeable Protein Shells?
- October 20** **Dr. Eric Martens**, University of Michigan Medical School  
*\*Distinguished Alumni\** Evolution of Glycan Utilization in Human Gut Bacteroidetes
- November 3** **Dr. Jim Bardwell**, University of Michigan  
Optimization of Protein Folding *In Vivo* Uncovers New Chaperone
- November 10** **Dr. Patricia Kiley**, University of Wisconsin-Madison  
Global Regulation by Fe-S Transcription Factors
- December 1** **Dr. Michael Ibba**, Ohio State University  
Post-translational Modification by Orthogonal Expansion  
of the Genetic Code Machinery with a  $\beta$ -Amino Acid
- December 8** **Dr. David Bates**, Baylor College of Medicine  
Tracks and Snaps: New Views on DNA Replication and Chromosome  
Segregation in *E. coli*
- December 15** **Dr. Bryan Krantz**, University of California-Berkeley  
New Insights on Protein Unfolding and Translocation Across Membranes  
Using Anthrax Toxin as a Model System