



Distinguished Lectures in Microbiology Fall 2008

All lectures will take place at 3:30 p.m. in 1520 MSB

- September 4** **Keith Gull**, Oxford
"Motility, microtubules and membranes: Cellular design for pathogenicity in the African trypanosome"
- September 11** **Jack Newman**, Amyris Biotechnologies
ADAIR LECTURE
"Out of the lab and into the streets: Industrial microbiology for the production of anti-malarial drugs and advanced biofuels"
- September 25** **Jim Imlay**, University of Illinois
"How the oxygenation of Earth threatened life, and what evolution did about it"
- October 2** **Jeff Gralnick**, University of Minnesota
"Identification and characterization of electron shuttles produced by Shewanella that facilitate respiration of insoluble substrates"
- October 9** **Kevin Gardner**, UTSW
"Environmentally-regulated protein/protein interactions: A versatile way to build a biological switch"
- October 16** **Ciaron Condon**, CNRS Paris
"Bacillus subtilis as an alternative model of bacterial RNA processing and decay"
- October 23** **Clay Wang**, USC
"Natural Product Drug Discovery in the Genomic era: Molecular genetic mining of the Aspergillus secondary metabolome"
- October 30** **Jean-Michel Ane**, UW-Madison
"Underground peace talks in microbe – plant symbioses"
- November 6** **Esther Angert**, Cornell
MCCOY LECTURE
"Fish tales: The unusual life and cellular biology of intestinal Firmicutes Epulopiscium and its relatives"
- November 13** **Joseph Heitman**, Duke
"The evolution of sex in fungi"
- November 20** **Michael Thomas**, UW-Madison
"Discovering, deciphering, and harnessing bacterial secondary metabolism"
- December 4** **Christina Matta**, UW-Madison
"Establishing Stable Species: Physiology and the History of Bacterial Taxonomy"
- December 11** **Helen Blackwell**, UW-Madison
"Translating & Expanding the Language of Bacterial Communication using Synthetic Ligands"