

Distinguished Lectures in Microbiology

Spring 2014

Thursdays at 3:30 p.m.

Ebling Symposium Center, Microbial Sciences Building

- JAN 23** **Dr. Tam Mignot** Aix-Marseille University
Did bacterial gliding motility evolve from a new class of directional surface transport system? Possible answers from the Myxococcus gliding & sporulation machineries
- JAN 30** **Dr. Sean Crosson** University of Chicago
Integrated control of bacterial cell adhesion & stress response
- FEB 6** **Dr. Cynthia Collins** Rensselaer Polytechnic Institute
Microbial communities, synthetic biology & biofilm formation in space
- FEB 13** **Dr. Ed DeLong** Massachusetts Institute of Technology
Microbial seascapes: A brief glimpse of marine microbial community dynamics in space & time
- FEB 20** **Dr. Jason Stajich** University of California-Riverside
Evolutionary genomics & the origins of multicellular evolution in filamentous fungi
- FEB 27** **Dr. Brian Paul** DuPont
Engineering *Lactobacillus plantarum* for isobutanol production
- MAR 13** **Dr. Michael Federle** University of Illinois-Chicago
How bacteria conspire to harm us, and how small molecules might protect
- MAR 27** **Dr. Amy Caudy** University of Toronto
Discovering novel enzyme function: Riboneogenesis & beyond
- APR 3** **Dr. Lyle Simmons** University of Michigan
Mechanisms of mismatch repair & genome stability
- APR 10** **Dr. Peter Greenberg** University of Washington
Quorum sensing in *Pseudomonas aeruginosa*: metabolic constraints on social cheats
- APR 17** **Dr. Vladimir Pelicic** Imperial College London
Specific DNA-binding pilins as modulators of horizontal gene transfer
- APR 24** **Dr. Adam Kuspa** Baylor College of Medicine
What can the social amoebae tell us about the evolution of multicellularity
- MAY 1** **Dr. Alex Horswill** University of Iowa
Quorum sensing & quenching in *Staphylococcus aureus*



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