



# CAES

The Connecticut Agricultural Experiment Station

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## CAES SEMINAR SERIES

### **“Traffic Lights to Fungal Sex: Toward Systems Biology of the Asexual-Sexual Switch in Fungi”**

**Dr. Zheng Wang**

Associate Research Scientist  
Department of Biostatistics  
Yale School of Public Health  
Yale University

**Wednesday, April 26, 2017**

12:00 noon to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

**Jones Auditorium**

**The Connecticut Agricultural Experiment Station  
123 Huntington Street, New Haven, CT**

Dr. Zheng Wang is an Associate Research Scientist at the Department of Biostatistics, Yale School of Public Health, Yale University. After completing a PhD at Clark University in 2006, he held a post-doctoral fellowship at the University of Iowa. He joined Yale University in 2007, and held a post-doctoral association position at the Ecology and Evolutionary Biology Department. He is an expert on fungal taxonomy, especially classification and taxonomy of the Leotiomyces, Pezizomyces, Geoglossomyces, and wood decay polypores. He is also one of the leading authors in the Assembling the Fungal Tree of Life project. His research is in the field of fungal systematics, fungal evolutionary biology, and fungal genetics and genomics, using field and laboratory experiments with model species and comparative genomics/transcriptomics to understand the effects of natural selection and evolution and development of sexual/asexual reproduction in fungi. In particular, it focuses on how fungi respond to environmental factors during different stages of their life history. He has served as a reviewer for 34 scientific journals, including all major mycological journals. He has held several editorial appointments, including associate editor of *Mycosystema* and *Mycology* and review editor of *Frontiers in Ecology and Evolution*.