**SEMINAR SERIES | FALL 2019**

**AUG 28**
**Dipti Nayak | UC Berkeley**
“CRISPR-guided insights into the physiology & evolution of methanogenic archaea”
Host: Arash Komeili

**SEPT 04**
**Buchanan Lecture: Elizabeth Sattely* | Stanford University & HHMI**
“Discovery and Engineering of Plant Chemistry and Plant Human Health”
Host: Tasios Melis + Committee

**SEPT 11**
**Daniel Ducat | Michigan State University**
“Tapping cyanobacterial potential as an alternative carbohydrate feedstock: design of modular, light-driven microbial consortia”
Host: Kris Niyogi

**SEPT 18**
**Noah Whiteman | UC Berkeley**
“Milkweddes and mustards: a tale of two toxins”
Host: Jenn Fletcher

**SEPT 25**
**Sophia Kamoun | The Sainsbury Laboratory**
“Receptor networks underpin plant immunity”
Host: Rachel Brem

**OCT 02**
**Chang Hsien Yang | National Chung Hsing University**
“Functional analysis of genes in regulating petal identity and development in orchids”
Host: Renee Sung

**OCT 09**
**Paula Welander | Stanford University**
“Biosynthesis of membrane lipids in the archaeon Sulfolobus acidocaldarius”
Host: Matt Traxler/Arash Komeili

**OCT 16**
**Maureen Hanson | Cornell University**
“Probing Photosynthesis in C3 Plants”
Host: Sabeeha Merchant

**OCT 23**
**Eric Skaar | Vanderbilt University Medical Center**
“The intersection of nutrition and infection at the host-pathogen interface”
Host: Dan Portnoy

**OCT 30**
**Stephen Wright | University of Toronto**
“Y degenerate? The population genomics of degenerative genome evolution”
Host: Ben Blackman

**NOV 06**
**Tsujimoto Lecture: Christoph Benning* | Michigan State University**
“Essential Roles of Plant Lipids in Photosynthesis and Plant Resilience”
Host: Tasios Melis + Grad Students

**NOV 13**
**Seema Lakdawala | University of Pittsburgh**
“Visualizing the Assembly of Influenza Viral RNA”
Host: Britt Glausinger

**NOV 20**
**Nigel Mouncey | DOE Joint Genome Institute**
“One Small Molecule for a Microbe, a Giant Leap for Natural Products”
Host: Louise Glass

**DEC 04**
**Houra Merrikh | Vanderbilt University**
“Replication-transcription conflicts and evolutionary mechanisms of antimicrobial resistance”
Host: Arash Komeili

**All seminars in 101 Barker Hall | 12-1pm**
*Endowed Lectures | Receptions to follow in 338 Koshland*