

# BIOLOGY COLLOQUIUM

## 2017 Fall Semester

- 7-Sep **Emmet Judziewicz** • UW–Stevens Point • **WISCONSIN FLORISTIC TIME TRAVEL: CHALLENGING THE INVISIBLE PRESENT**  
*Iltis lecture* • Host: Ken Cameron
- 14-Sep **Katrina Dlugosch** • University of Arizona • **THE RAPID EVOLUTION OF INTRODUCED PLANTS: GENETICS, GENOMICS, TRAITS, AND TRADE-OFFS**  
*Grad student nominated speaker* • Host: Kevin Barrett
- 21-Sep **Amy Alstad** • University of Wisconsin • **PATTERNS AND DRIVERS OF LONG-TERM PLANT COMMUNITY CHANGE IN WISCONSIN REMNANT PRAIRIES**  
*Ph.D. defense* • Host: Ellen Damschen
- 28-Sep **Bruce Baldwin** • University of California, Berkeley • **EVOLUTIONARY AND BIOGEOGRAPHIC PERSPECTIVES FROM STUDIES OF OCEANIC ISLAND FLORAS**  
Host: Tom Givnish
- 5-Oct **Hilary Callahan** • Barnard College • **UNDERGRADUATES PHENOTYPING ARABIDOPSIS KNOCKOUTS (UNPAK): MERITS AND IMPACTS OF MANUAL PHENOTYPING IN THE ERA OF AUTOMATION**  
Host: Don Waller
- 12-Oct **Julia Sigwart** • Queens University, Belfast • **WHAT SPECIES MEAN: BIODIVERSITY DYNAMICS IN DEEP TIME AND IN THE DEEP SEA**  
Host: Prashant Sharma
- 19-Oct **Richard Lankau** • University of Wisconsin • **MACROSCALE CONSEQUENCES OF MICROBIAL INTERACTIONS: FUNGAL INFLUENCES ON TREE RANGE DYNAMICS IN A CHANGING WORLD**  
Host: Tom Givnish
- 26-Oct **Leslie Turner** • Milner Centre for Evolution, University of Bath UK • **GENOMICS OF HYBRID STERILITY IN HOUSE MICE**  
Host: Carol Lee
- 2-Nov **Carlos Eduardo Santibáñez López** • UW–Madison • **THE EVOLUTION OF THE PEPTIDE CALCIN FAMILY IN SCORPION VENOM THROUGH A PHYLOGENOMIC SPYGLASS**  
Host: Prashant Sharma
- 9-Nov **Frederick R. Prete** • Northeastern Illinois University • **COGNITIVE PSYCHOLOGY TO INTERNEURONS: HOW PRAYING MANTISES CONSTRUCT THE ABSTRACT CATEGORY, "PREY"**  
Host: Anthony Stretton
- 16-Nov **Giovanni (Gio) Bosco** • Newmark Dartmouth University • **DISSECTING MECHANISMS OF SOCIAL LEARNING AND TRANSGENERATIONAL INHERITANCE IN DROSOPHILA**  
Host: Phil Newmark
- THANKSGIVING
- 30-Nov **Daniel Rubenstein** • Princeton University • **SOCIAL NETWORKS AND ANIMAL SOCIETIES: LINKING FORM WITH FUNCTION**  
*Emlen Lecture* • Hosts: Tom Givnish and Cathy Marler
- 7-Dec **José Dinneny** • Carnegie Institution for Science, Department of Plant Biology, Stanford • **STRESSED! HOW PLANTS COPE THROUGH DYNAMIC RESPONSES**  
Host: Edgar Spalding
- 14-Dec **Amy Litt** • University of California, Riverside • **GENOMIC INSIGHTS INTO THE DIVERSIFICATION OF PLANT FORM AND FUNCTION**  
Host: David Baum

Thursdays • 3:30 pm • B302 Birge Hall