

Posters And Photo Contest

Priyashiela Singh (Soils and Biogeochemistry)

Resistance of N and P cycling microbes to environmental perturbation

Sacha Heath (Ecology)

The effects of bird and bat arthropod predation on sapling black cottonwoods in the context of restoration

Photo Contest Participants

Alison Marklein, Bree Putman, Michele Tobias, Jens Stevens, Emily Peffer, Matthew Young, Kevin Ringelman, Katie Feilen, Joshua Osias, Annie Schmidt, Evan Eskew, Mila Hickenbottom, Matt Whalen, Erin Satterthwaite, Emily Jones, Billy Krimmel

Acknowledgements

Many thanks to everyone who has volunteered to help make the 2012 Graduate Student Symposium in Ecology possible, including: Matt Whalen, Jens Stevens, Sarah McCullough, Joy Cookingham, Sacha Heath, Alex Webster, Jenny VanWyk, Noam Ross, Lacey Greene, Tim Bowles, Dustin Herrmann, Emily Haines, Emily Jones, Lydia Read, Lauren Camp, Alison Marklein, the presenters, moderators, time keepers and set up/clean up crew.

Special thanks to the UC Davis Graduate Student Association for awarding special project funding and to Peet's for donating coffee.

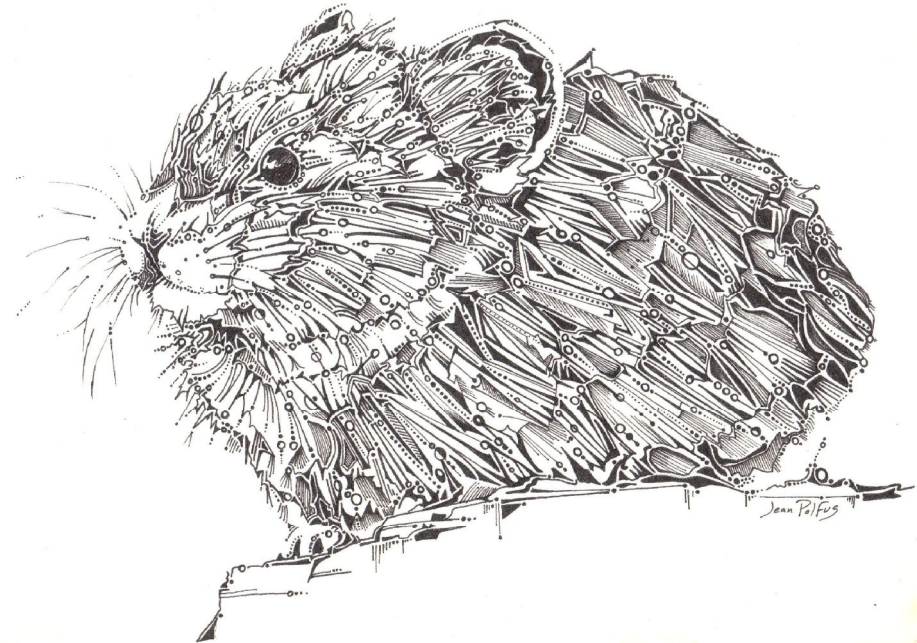
5th Annual Graduate Student Symposium in Ecology

Saturday

February 18, 2012

Giedt Hall

University of California, Davis



Schedule

8:30 Sign in, poster set up and breakfast

9:00 Breakfast

9:30 Introduction

9:45 Keynote address:

Rob Dunbar

Keck Professor of Earth Sciences

Stanford University

*Past Climate Change from the Tropics to the Poles:
What's the scoop with Natural Variability versus Modern
Anthropogenic Warming?*

10:45 Coffee break

Session I: Community Structure and Response to Disturbance

11:00 Matthew Savoca (Ecology)

Evidence for a marine tri-trophic interaction mediated by an induced defense: examining 50+ years of diet data in a southern ocean seabird assemblage

11:15 Matt Whalen (Ecology)

Arthropod mesograzers control algal biomass in a temperate seagrass bed

11:30 Lydia Beaudrot (Ecology)

Dispersal limitation of tropical vertebrate seed-dispersers affects plant community composition

11:45 Kevin Welch (Ecology)

Postfire forest recovery in the Sierra Nevada

12:00 Jens Stevens (Ecology)

Fuel treatment impacts on wildfire severity and plant communities in dry mixed conifer forests of California

12:15 Lunch and Poster Session

Session II: Conservation Biology

1:15 Jaime Ashander (Population Biology)

Spill-over, spill-back, wild host migrations and the evolution of chemical resistance in parasites

1:30 Daniel Park (Plant Sciences)

Weed profiling: a molecular phylogenetic approach to Darwin's naturalization hypothesis in Asteraceae

1:45 Sarah McCullough (Ecology)

Sustainable harvest enhancement for burrowing owls: Modifying habitat structure through reestablishment of an ecosystem engineer

2:00 Taraneh Emam (Ecology)

The effects of soil inoculation and topsoil depth on grasses at a mercury mine restoration site

2:15 Jill Baty (Ecology)

The seasonality of nitrogen cycling in California grasslands

2:30-2:45 BREAK

Session III: Behavioral and Spatial Ecology

2:45 Kimberly VanderWaal (Animal Behavior)

The effect of network clustering on pathogen transmission in Belding's ground squirrels

3:00 Kevin Ringelman (Ecology)

Dearest neighbors: adaptive nest clustering in waterfowl

3:15 Bree Putnam (Ecology)

*Does size matter? Testing the effects of body size and sex on spatial ecology parameters of northern pacific rattlesnakes (*Crotalus oreganus oreganus*) in central California*

3:30 Closing