

Sara Winsemius

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Education

University of California, Davis

PhD in Ecology, 2017 - present

Advisors: Dr. Yufang Jin and Dr. Hugh Safford

University of California, Berkeley

Bachelor of Science: Environmental Sciences, May 2013

Minor: Forestry and Natural Resources

Thesis: *Plant-soil interactions and implications for restoration of coastal sand dunes at Point Reyes National Seashore.*

Posters

Winsemius S, Jin Y, Safford H. The role of fire in shaping subalpine forest structure and carbon dynamics. Sequoia Science Symposium, November 2018.

Winsemius S*, Ward L*, Hladik M, Sardinas H, Mills N, Kremen C. Exploring potential routes of neonicotinoid exposure within pollinator hedgerows adjacent to seed-treated sunflower. Keeping Bees Healthy Symposium, May 2016. *authors contributed equally

Winsemius S, Stein C, Parsons L, Ryan A, Suding K. Plant-soil interactions and implications for restoration of coastal sand dunes at Point Reyes National Seashore. California Native Plant Society Conference, January 2015.

Oral Presentations

Winsemius S. Invasive plant-soil interactions and implications for dune restoration and native species at Point Reyes National Seashore. Red Barn Talk Lecture Series. Point Reyes National Seashore, November 2013.

Winsemius S. Strategies for restoration of coastal sand dunes at Point Reyes National Seashore." Environmental Science Senior Thesis Symposium. UC Berkeley, May 2013.

Grants and Awards

2018. Sequoia Parks Conservancy. Sequoia Science Learning Center Research Grants Program.

"Changing Disturbances Regimes in Subalpine Forests of the Sierra Nevada." \$3000

2016. First prize in graduate student poster session, Keeping Bees Healthy Symposium.

2009-2013. UC Berkeley Regents' and Chancellor's Scholarship.

Research Experience

UC Davis Jin Lab

Graduate Student Researcher

January 2018 – present

UC Berkeley Kremen Lab

Staff Research Associate/Lab Manager

February 2015 – September 2017

UC Berkeley Kremen Lab

Research Assistant

June – October 2014

Point Reyes National Seashore

Biological Technician

March – May 2014

Point Reyes National Seashore Association

Dune Restoration Intern

May – August 2012

June – November 2013

UC Berkeley Resh Lab

Research Lab Assistant

September 2011 - May 2012

Lava Beds National Monument

Student Conservation Association, Landscape Restoration Intern

May - August 2010

UC Santa Cruz Younger Lagoon Reserve

Wildlife Intern

June - August 2009

Teaching Experience

Graduate Teaching

- Teaching Assistant – UCD, Trees of the Urban Forest, Fall 2018
- Teaching Assistant – UCD, Introduction to Geographic Information Systems, Fall 2017

Guest Science Lecturer

- California College of the Arts, “Nature as Literary Inspiration,” Fall 2013

Professional Affiliations & Training

UC Davis Data Science Initiative

Graduate Student Affiliate

October 2018 - present

Wilderness First Aid, NOLS

June 2018