

MELISSA KEMP

Stanford University, Department of Biology
371 Serra Mall, Stanford, CA 94305 USA
410-608-4518 • mekemp@stanford.edu

EDUCATION

2010 - Present Ph.D., Biological Sciences - Ecology and Evolution, Stanford University
2006 - 2010 B.A., Biology with Departmental Honors, Williams College

GRANTS AND AWARDS

2013	DARE Doctoral Fellowship , Stanford University Grants-in-aid of Research , Sigma Xi III World Summit on Evolution Travel Award , National Evolutionary Synthesis Center (NESCent)	\$500
2012	Graduate Research Fellowship , National Science Foundation Lewis and Clark Field Scholar , American Philosophical Society Albert E. Wood Award , Society for Vertebrate Paleontology Student Travel Award , Paleontological Society Travel Award , Stanford University - Ecology and Evolution Group Jackson School of Geosciences Student Travel Award , Society for Vertebrate Paleontology	\$4000 \$850 \$750 \$700 \$400
2011	NSF GRFP Honorable Mention	
2010	Undergraduate Diversity Mentoring Program and Travel Award , Society of Molecular Biology and Evolution NSF GRFP Honorable Mention	\$1500
2009	Travel Award , Federation of American Societies for Experimental Biology Department of Biology 1960s Scholar	\$1850
2008	Exceptional Research Opportunities Program (EXROP) Scholar , Howard Hughes Medical Institute Department of Biology 1960s Scholar	\$3500
2007	LifeBridge Scholar , LifeBridge Health	\$2500
2006	Questbridge Scholar , Williams College	Full-Tuition

RESEARCH EXPERIENCE

Stanford University, Palo Alto, CA Fall 2010 - Present
Department of Biology, Advisor: Dr. Elizabeth Hadly
Graduate Student

Williams College, Williamstown, MA Fall 2009 – Spring 2010
Department of Biology, Advisor: Dr. David Smith
Honors Thesis Student

NSF Coral Triangle PIRE project, Bali, Indonesia June 2009 – August 2009
The Diversity Project, Advisor: Dr. Paul Barber
Summer Undergraduate Research Assistant

The Salk Institute, La Jolla, CA June 2008 – August 2008
Department of Plant Biology, Advisor: Dr. Joanne Chory
HHMI EXROP Summer Research Assistant

Williams College, Williamstown, MA Fall 2007 – Spring 2009
Department of Chemistry, Advisor: Dr. Anne Skinner
Research Assistant

Williams College, Williamstown, MA January 2008
Department of Geosciences, Advisor: Dr. Markes Johnson
Field Assistant in Baja California Sur, Mexico

George Washington's Ferry Farm, Fredericksburg, VA June 2007 – August 2007
Archaeology Field Crew Intern

TEACHING EXPERIENCE

- 2011 Teaching Assistant, Ecology (Biology 101). Stanford University.
 Teaching Assistant, Ecology Evolution and Plant Biology (Biology 43).
 Stanford University.
- 2010 Teaching Assistant, Drawing I (Studio Art 101). Williams College.
- 2006 Teaching Assistant, The Cell (Biology 101). Williams College.

WORKSHOPS ATTENDED

- 2011 Bodega Bay Phylogenetics Workshop. Bodega Bay, CA.
 Macroevolutionary Methods in R. Santa Barbara, CA.

ORAL PRESENTATIONS

Size-biased extinction exhibited by Quaternary Caribbean lizards. Society of Vertebrate Paleontology. Los Angeles, California . **expected October 2013.**

What do genes from fossils tell us? An integrated approach to elucidating the evolutionary history of Caribbean faunal assemblages. Network for Neotropical Biogeography. Miami, Florida . **January 2013.**

A temporal and spatial study of gene flow in the boreal chorus frog. Biology Department Senior Thesis Previews. Williamstown, Massachusetts . **August 2009.**

Population genetics of Amphiprion clarkii in the Coral Triangle. Diversity Project Research Symposium. Denpasar, Indonesia. **August 2009.**

Genetic and phenotypic responses to shade in plants. University of California San Diego Summer Research Conference. La Jolla, California . **August 2008.**

POSTER PRESENTATIONS

Using the Quaternary fossil record to understand the spatiotemporal richness of Caribbean lizard communities. III World Summit on Evolution, San Cristóbal, Ecuador. **June 2013.**

Using the Quaternary fossil record to understand the spatiotemporal richness of Caribbean lizard communities. International Biogeography Society, Miami, Florida . **January 2013.**

Is modal body size an evolutionary attractor? Anolis as a case study. Society for Vertebrate Paleontology, Raleigh, North Carolina . **October 2012.**

Holocene loss of lagomorph species richness in the Great Basin of North America. Society for Vertebrate Paleontology, Las Vegas, Nevada . **November 2011.**

Distance along shore, not habitat, constrains gene flow in the boreal chorus frog: A study of spatial and temporal constraints to gene flow. Society for Molecular Biology and Evolution, Lyon, France. **July 2010.**

Temporal and spatial constraints to gene flow in the boreal chorus frog. Williams College Department of Biology. Williamstown, Massachusetts . **May 2010.**

Population genetics of Amphiprion clarkii in the Coral Triangle. Annual Biomedical Research Conference for Minority Students. Phoenix, Arizona . **November 2009.**

Genetic and phenotypic responses to shade in plants. HHMI EXROP Conference. Chevy Chase, Maryland . **May 2009.**

OUTREACH

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|----------------|---|
| 2010 - present | Academic Tutor, East Palo Alto Tennis and Tutoring |
| 2009 - 2010 | Mentor, Purple Mountain Scholars Program |
| 2005 | Student Presenter, <i>Preparing for SATs, College, and Scholarship Applications.</i> Carver Center for the Arts and Technology High School. Towson, Maryland. |