

Andrew D. Gottscho
Master's Candidate
Department of Biological Sciences
Humboldt State University
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Education Humboldt State University, M.A. Biology, 2007 – present. 4.00 GPA.
UC Santa Cruz, B.S. Marine Biology with Highest Honors, 2002 – 2006.
3.74 GPA.
James Cook University, Townsville, Australia (Education Abroad
Program), Fall 2004. 3.64 GPA.

Teaching Experience Laboratory Instructor, Introductory Zoology, Humboldt State University,
Fall 2007 and 2008.
Substitute Teacher, Pleasanton Unified School District, 3/2007 – 6/2007.

Grants and Fellowships Fort Irwin National Training Center (U.S. Army Research Office) –
Landscape genetics of the Mojave fringe-toed lizard, 2008-2009
(\$11,800).

Bureau of Land Management (Needles Field Office) – Landscape
genetics of the Mojave fringe-toed lizard, 2008-2009 (\$2,500).

Master's Student Grant (HSU Biological Sciences) – Landscape genetics
of the Mojave fringe-toed lizard, 2008 (\$175).

McCrone Fellowship, Humboldt State University, 2008 (\$2,500).

Joshua Tree National Park Graduate Student Research Grant (Joshua
Tree NP Association) – Landscape genetics of the Mojave fringe-toed
lizard, 2008-2009 (\$4,000).

California Desert Research Fund (Community Foundation) – Landscape
genetics of the Mojave fringe-toed lizard, 2008-2009 (\$4,000).

Lam Research Core Values Scholarship, 2007-2008 (\$2,500).

Employment History Intern, Lam Research Corporation, 6/2007 – 8/2007 and 6/2003 –
9/2003.
Volunteer, Hawksbill Turtle Recovery Project, Hawai'i Volcanoes
National Park, 8/2006 – 10/2006.
Volunteer, Behavioral Genetics Lab, UC Santa Cruz, 9/2005 – 7/2006.
Lab Technician, Marine Pollution Studies Lab, Moss Landing Marine
Laboratories, 6/2005 – 9/2005.

Papers Presented Gottscho, A., Marks, S., and Jennings, W.B. 2008. Landscape genetics of
the Mojave fringe-toed lizard (*Uma scoparia*): a multi-locus coalescent
approach. Joint Meeting of Ichthyologists and Herpetologists, Montreal,
Canada.

Gottscho, A. 2008. Landscape genetics of the Mojave fringe-toed lizard. North Coast Regional Graduate Conference, Arcata, California.

Special Skills

Basic knowledge of computer programming (C++ and HTML).
Proficient with the following bioinformatics tools: FinchTV, Se-AL, ClustalW, Modeltest, DNAsp, PAUP*, IM.
Proficient with the following molecular genetic lab methods: DNA extractions, PCR, PCR cloning, genomic library construction.
PADI Rescue Diver with 120+ dives.

Professional Organizations

American Society of Ichthyologists and Herpetologists.
American Elasmobranch Society.

References

Professor Bryan Jennings, Humboldt State University,
bjennings@humboldt.edu.
Professor Barry Sinervo, UC Santa Cruz, sinervo@biology.ucsc.edu.