

Kristen C. Ruegg

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EDUCATION

- 2002-2007 **University of California, Berkeley**, Ph.D., Biology
Advisor: Dr. Craig Moritz
- 2001 **San Francisco State University**, M.A., Ecology and Evolutionary Biology,
Advisor: Dr. Thomas B. Smith
- 1997 **University of Oregon – Robert D. Clark Honors College**, B.A., *with honors*
Environmental Studies / General Science

RESEARCH POSITIONS

- 2007 – present **Postdoctoral Researcher**, Stanford University
- 2003 – 2007 **Center for Integrative Genomics Research Assistantship**, UC Berkeley
- 2002 **Curatorial Assistant, Museum of Vertebrate Zoology (MVZ)**, UC Berkeley
- 2001 **Research Associate, Center for Tropical Research**, SFSU
- 1999-2000 **Dept. of Education, GAANN Research Assistantship**, SFSU
- 1999 **Field Assistant**, Neotropical Migratory Bird Project, Mexico
- 1998-1999 **Post Graduate Researcher**, Bodega Marine Laboratory, UC Davis

TEACHING EXPERIENCE

- 2006 **Lecturer for Vertebrate Natural History (IB104)**, UC Berkeley
- 2006 **Guest Lecturer**, San Francisco State University (SFSU)
- 2005 **Guest Lecturer**, Cabrillo Junior College
- 2004 **Graduate Student Instructor for Animal Behavior**, UC Berkeley
- 2003 **Graduate Student Instructor for Molecular Ecology (IB149)**, UC Berkeley
- 2001 **Environmental Educator**, Ecolodge San Luis & Biol. Station, Costa Rica
- 2000 **Graduate Student Instructor for Biology (BIO 240)**, SFSU

PUBLICATIONS

Ruegg, K. 2008. Genetic, morphological and ecological characterization of a hybrid zone that spans a migratory divide. *Evolution*, 62(2): 452-466.

Ruegg, K. 2007. Divergence between subspecies groups of Swainson's thrush (*Catharus ustulatus ustulatus* and *C. u. swainsoni*). *Ornithological Monographs*, 63: 67-77.

- Svensson, L. M. E., **K. C. Ruegg**, Sekercioglu, C. H. Sehgal, R. N. M. 2007. Widespread and structured distributions of blood parasite haplotypes across a migratory divide of the Swainson's thrush (*Catharus ustulatus*). *Journal of Parasitology*, 93(6): 1488-1495.
- Ruegg, K.**, H. Slabbekoorn, S. Clegg and T.B. Smith. 2006. Divergence in mating signals correlates with ecology in a migratory songbird the Swainson's thrush, *Catharus ustulatus*. *Molecular Ecology*, 15: 3147-3156.
- Ruegg, K.**, R. Hijmans, and C. Mortiz. 2006. Climate change and the origin of migratory pathways in the Swainson's thrush, *Catharus ustulatus*. *Journal of Biogeography*, 33: 1172 - 1182.
- Kelly, J., **K. Ruegg** and T.B. Smith. 2005. Combining isotopic and genetic probes to examine breeding origins of a long-distance migrant. *Ecological Applications*, 15(5): 1487-1495.
- Smith, T. B., S. M. Clegg, M. Kimura, **K. Ruegg**, B. Mila and I. Lovette. 2005. Molecular genetic approaches to linking breeding and overwintering areas in five Neotropical migrant passerines, edited by P. Marra and R. Greenberg. Smithsonian Press.
- Ruegg, K.** and T.B. Smith. 2002. Not as the crow flies: an historical explanation for circuitous migration in the Swainson's Thrush (*Catharus ustulatus*). *Proceedings of the Royal Society of London: Series B*, 269: 1375-1381.
- Armbruster, P., W. E. Bradshaw, **K. Ruegg** and C. M. Holzapel. 2001. Geographic variation and the evolution of reproductive allocation in the pitcher-plant mosquito, *Wyeomyia smithii*. *Evolution*, 55(2): 432-444.

GRANTS / AWARDS

- 2006 **International Society for Behavioral Ecology Travel Grant** (\$900)
- 2005 **National Science Foundation Dissertation Improvement Grant** (\$12000)
- 2005 **Department of Integrative Biology Research Grant** (\$4000)
- 2004 **American Ornithologists Union Student Research Award** (\$1600)
- 2004 **Society for Integrative and Comparative Biology Research Award** (\$1000)
- 2004 **Carl B. Koford Memorial Fund**, Museum of Vert. Zoology, Berkeley (\$2000)
- 2004 **Beim Award for Field Research**, University of California, Berkeley (\$4500)
- 2003 **Annie Alexander Memorial Fund**, Museum of Vert. Zoology, Berkeley (\$1500)
- 2003 **Sigma Xi**, Local Berkeley Chapter (\$1000)
- 2001 **Mewaldt-King Student Research Award**, Cooper Ornithological Soc. (\$2000)
- 2000 **Dept. of Bio. Student Research Grant** – San Francisco State University (\$1000)

INVITED TALKS / MEETING PRESENTATIONS

- 2007 **Museum of Vertebrate Zoology**, UC Berkeley

2006 **Society for the Study of Evolution**, Stoney Brook, NY
2005 **American Ornithologist Union**, Santa Barbara, CA
2005 **Society for the Study of Evolution**, Fairbanks, AK
2004 **Society for the Study of Evolution**, Fort Collins, CO
2003 **International Conference on Migration**, Lund, Sweden
2003 **Museum of Vertebrate Zoology**, UC Berkeley
2002 **Cornell Laboratory of Ornithology**, Cornell University, Ithaca, NY
2002 **University of San Diego**, Dept. of Biology, San Diego, CA

REFEREE FOR:

- Molecular Ecology
- Trends in Ecology and Evolution
- Evolution
- Biological Journal of the Linnean Society
- Caribbean Journal of Science