

Dean A. Croshaw
PERT Postdoctoral Fellow
University of Arizona
Department of Ecology and Evolutionary Biology
P.O. Box 210088
Tucson AZ 85721-0088 USA
Lab: 520-626-7009
Cell: 859-583-7136
Fax: 520-621-9190
Email: croshaw@email.arizona.edu

PROFESSIONAL APPOINTMENTS

2006-present Research Associate, NIH-IRACDA funded Postdoctoral Excellence in Research and Teaching (PERT) program, University of Arizona.
Summer 2006 Adjunct Instructor, Aiken Technical College, Aiken, South Carolina.
2005-2006 Graduate Research Assistant, Savannah River Ecology Laboratory (SREL), Aiken, South Carolina.
2001-2005 Board of Regents Superior Graduate Fellow, Department of Biological Sciences, University of New Orleans.
2000 Graduate Research Assistant, Department of Zoology, University of Oklahoma.
1999-2001 Graduate Teaching Assistant, Department of Zoology, University of Oklahoma.

EDUCATION

2006-present Postdoctoral, PERT program, University of Arizona, Center for Insect Science.
Postdoctoral research mentor: Carlos A. Machado.
2006 Ph.D., University of New Orleans, Major advisors: Joseph H. K. Pechmann and Travis C. Glenn. In residence at SREL for research activities from June 2002 to September 2006.
2001 M.S., University of Oklahoma, Major advisor: Janalee P. Caldwell. In residence at SREL for research activities from August 2000 to January 2001.
1999 B.A., Earlham College, Richmond, Indiana, Graduated with Departmental and College Honors, Major advisor: John B. Iverson.

TEACHING EXPERIENCE

2006 Aiken Technical College, Taught laboratory course in Human Anatomy and Physiology.
1999-2001 University of Oklahoma, Taught laboratory sections of Introduction to Zoology and Principles of Ecology.

1999 Earlham College, Teaching Assistant, Ornithology, taught bird identification skills in the field, graded exams.

1998-1999 Earlham College, Personal tutor for several undergraduate students in Ecology and Cell Biology.

CONFERENCE PRESENTATIONS

Croshaw, D.A. 2006. Platform: Female marbled salamanders benefit by mating with multiple males. Animal Behavior Society (ABS), Snowbird, Utah; Society for Integrative and Comparative Biology, Phoenix, 2007.

Croshaw, D.A., and T. C. Glenn. 2005. Platform: Genetic analysis of sexual selection shows no size advantage in male marbled salamanders. ABS, Snowbird, Utah; Graduate Student Symposium, SREL.

Croshaw, D.A., N.A.Schable, M.B. Peters, and T.C. Glenn. 2004. Poster: Multiple paternity in marbled salamanders revealed by novel polymorphic microsatellite DNA loci. ABS, Oaxaca, Mexico; Joint Meeting of Ichthyologists and Herpetologists, Norman, Oklahoma; Graduate Student Symposium, SREL.

Croshaw, D.A. 2003. Platform: The adaptive significance of nesting behavior in marbled salamanders. ABS, Boise, Idaho.

Croshaw, D.A. 2001. Platform: The adaptive significance of nest attendance in the marbled salamander. Louisiana Herpetology Research Group, Cocodrie, Louisiana.

COAUTHORED CONFERENCE PRESENTATIONS

Scott, D.E., **D.A. Croshaw**, and M. Komoroski. 2006. Poster: Terrestrial distribution of salamanders around an isolated wetland. Joint Meeting of Ichthyologists and Herpetologists, New Orleans.

Hertweck, K.L., **D.A. Croshaw**, and T. C. Glenn. 2004. Platform: The importance of mating order on fertilization success in male mole salamanders (*Ambystoma talpoideum*). Kentucky Academy of Sciences, Murray, Kentucky.

STUDENT MENTORING

2004 Kate L. Hertweck, NSF summer REU program, SREL, The importance of mating order in fertilization success of male mole salamanders. Will result in a manuscript submitted to a peer-reviewed journal.

2003 Maureen B. Peters, NSF summer REU program, SREL, Multiple paternity in marbled salamanders revealed by microsatellite DNA. Resulted in two manuscripts.

FELLOWSHIPS AND AWARDS

2006-2009 Postdoctoral Excellence in Research and Teaching (PERT) fellowship, Center for Insect Science, University of Arizona.

2003 Dean E. Metter Memorial Award, Society for the Study of Amphibians and Reptiles (SSAR), \$500 for research.

2001-2005 Board of Regents Superior Graduate Fellowship, U. of New Orleans.

2001 Blanche Adams Summer Graduate Scholarship, Dept. of Zoology, U. of Oklahoma.

2000 Blanche Adams Graduate Scholarship, Dept. of Zoology, U. of Oklahoma.
1999 Graduate Fellowship, School of Natural Sciences, Utah St. U., declined.
1999 Phi Beta Kappa Induction, Earlham College.
1999 Millard S. Markle Award in Biology, Earlham College.
1999 Graves Scholarship for Graduate Study, Division of Natural Sciences, Earlham College.
1999 Honors Rating on Senior Comprehensive Exams, Department of Biology, Earlham College.
1998 REU Fellowship, University of Michigan Biological Station.

JOURNAL REFEREE

Copeia, Southeastern Naturalist, Journal of Herpetology