

MICHAEL DAVID DIXON

Conservation Biology Graduate Program
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Education:

2007 M.S. Biology - University of Minnesota, Duluth
2001 B.S. Ecology & Systematic Biology - California Polytechnic State University,
San Luis Obispo.

Pertinent Training:

2006 ArcGIS I/II Rowekamp Associates – Bloomington, MN
2008 Anabat Workshop Northtronics/Titley Electronics – Las Vegas, NV

Professional Experience:

2008 Teaching Assistant/Lecturer, University of Minnesota – Twin Cities
Instructor for three sections of Mammalogy; lab set up; quiz and midterm development; student advising; assumed responsibility as the primary lecturer for the last 4 weeks of the class when the course instructor had a family emergency

2007-2008 Curatorial Assistant, Bell Museum of Natural History
Maintenance of specimen database; curation of mammal collection; preparation of new specimens; processing and shipping loans to other institutions; teaching of specimen preparation clinics to interested undergraduates

2007 Teaching Assistant, University of Minnesota – Duluth
Instructor for 4 sections of General Biology 1; quiz and midterm development

2002-2006 Marine Science Technician 3rd/2nd/1st Class, United States Coast Guard
Enforcement of Clean Water Act, CERCLA, and Refuse Act for western Lake Superior; investigation of pollution incidents and supervision of response; inspection of commercial vessels and waterfront facilities to ensure compliance with Federal law; GIS technician; security and law enforcement boardings of commercial vessels

2002 Laboratory Technician, Helix Diagnostics
Production of immunoassay plates for autoimmune disease diagnosis

2001 Laboratory Technician, Zymax Envirotechnology
Extraction and preparation of petroleum and contaminated soil and water samples for analysis; operation of GC and GC/MS

1999-2002 Park Aide II, San Luis Obispo County Parks
Environmental education through guided hikes and organized presentations; regulation enforcement; emergency medical services and fire protection; ran semiannual Kids Fishing Clinics. Established Blackberry Springs Self-Guided Nature Trail

Volunteer and Paraprofessional Activities

2006-Present Commissioned Officer, United States Coast Guard Reserve
Pollution investigation; Maritime Transportation Security Act compliance inspections; revision of Area
Maritime Security Plan for northern Great Lakes

2004-2006 Docent, Lake Superior Zoo
Environmental education through formal and informal presentations and touch-and-see animal experiences

2004 Volunteer Wildlife Technician, MN Dept. of Natural Resources
Sampled deer obtained during hunting opener as part of Chronic Wasting Disease program

Publications:

Dixon, M. D. and Craig, T. P. In revision for *Evolutionary Ecology Research*.
Does a cascade of parapatric divergence extend to the third trophic level?

Grants and Funding:

2008 Bat Conservation International Student Research Scholarship. \$3000
2008 Conservation Biology Graduate Program Summer Fellowship. \$3500
2008 Dayton-Wilkie Fellowship. \$1500
2008 Alexander & Lydia Anderson Fellowship. \$3000
2007 Conservation Biology Graduate Program Summer Fellowship. \$3500
2006 Sigma Xi Grant-in-Aid of Research. \$700
2006 UMD Chancellor's Small Grant. \$750
2005 UMD Chancellor's Small Grant. \$750

Presentations at Professional Meetings/Symposia

2006 North Plains Biological Symposium, North Dakota State University: *In pursuit of
evidence of local adaptation by the tumbling flower beetle*

Professional Memberships:

Sigma Xi, American Society of Mammalogists

Research Interests:

- 1) Conservation biology in working landscapes
- 2) Interface between community/landscape ecology
- 3) Evolutionary ecology/speciation

Activities and Personal Interests:

Conservation Biology Graduate Program Seminar Committee (2007-2008), hiking,
fishing, travel, trail running, spending time with my dogs and family