

GLENN MICHAEL FOX

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EDUCATION

- Ph.D. Biology, Department of Ecology and Evolutionary Biology, 2006. University of Michigan. Ann Arbor, MI.
- M.S. Biology, 2002. University of Michigan. Ann Arbor, MI.
- B.S. Biology (*cum laude*) and Anthropology-Zoology, 2000. University of Michigan. Ann Arbor, MI.

RELEVANT DEGREE MATERIALS

- Ph.D. Dissertation: Total Evidence and Evolution of Ophidia (Reptilia: Squamata). 2006.
- Qualifying Exam Review Paper: The nature of the nucleotide position and implications for alignment. 2001.
- Undergraduate Thesis: Testing hypotheses of squamate (Reptilia) phylogeny with ND2. 2000.

TEACHING

- Professor of Biology, Jackson Community College.
 - Biology 131, General Biology: Winter 2006, Fall 2005, Fall 2004
 - Biology 132 (Lead Faculty), Human Biology (traditional & distance learning): Winter 2007, Fall 2007, Winter 2008
 - Biology 155, Human Anatomy and Physiology: Winter 2006, Fall 2005, Winter 2005, Fall 2004
 - Biology 253 (Lead Faculty), Human Anatomy and Physiology I: Fall 2007, Winter 2008
- Instructor, University of Michigan Math & Science Scholars.
 - Dissecting Life: Summer 2007, Summer 2008
- Graduate Student Instructor, University of Michigan.
 - Biology 118, AIDS and Other Health Crises: Winter 2004, Winter 2003
 - Biology 226, Physiology: Spring 2004
 - Biology 252, Chordate Anatomy and Phylogeny: Fall 2003, Fall 2002, Fall 2001, Fall 2000
 - Biology 390, Evolution: Winter 2001

- Biology 450, Biology of Amphibians and Reptiles: Winter 2002
- Graduate Student Instructor, University of Michigan Math & Science Scholars.
Embryology: Summer 2001
Field Biology: Summer 2005, Summer 2004, Summer 2003, Summer 2002
 - Guest Lectures:
University of Michigan
Biology 252, Chordate Anatomy and Phylogeny:
“Evidence and Classification,” Fall 2003
“Evolution of the Central Nervous System” Fall 2003
Biology 108, Animal Diversity:
“Reptiles and Amphibians,” Fall 2000
Adrian College
Psychology 216, Human Sexuality:
“Survey of Sexually Transmitted Infections,” Winter 2004
 - Undergraduate Student Instructor, University of Michigan.
Biology 252, Chordate Anatomy and Phylogeny: Fall 1999

SERVICE

- Curriculum Committee, Jackson Community College, 2007 – Present
- Search Committee, Director of Nursing, Jackson Community College, Spring, 2007
- Faculty Professional Development Committee, Jackson Community College, 2006 - Present
- Chair, Human Specimen Committee, Jackson Community College, 2006 - Present
- Search Committee, Speech Instructor, Jackson Community College, Spring 2005
- IT Liaisons Committee, Jackson Community College, 2004-2005
- McDivitt Renovation Committee, Jackson Community College, 2004
- Graduate Admissions Committee, Student Representative, Department of Ecology & Evolutionary Biology, University of Michigan, 2001-2002
- Museum Committee, Student Representative, University of Michigan Museum of Zoology 2001-2002
- Society of Biology Students, Graduate Student Advisor, Department of Biology, University of Michigan, 2001-2002

RELEVANT WORK EXPERIENCE

- Research Assistant, Genomic Diversity Laboratory, University of Michigan Museum of Zoology: Fall 2005, Winter 2005
- Chief Residential Advisor, Michigan Math and Science Scholars: 2005, 2004, 2003, 2002, 2001

- Exam proctor & Grader, Biology 225 Physiology, University of Michigan: Winter 2004, Fall 2003
- Zoological Surveyor,
 - Insight Environmental Services for The Michigan Group, 2003
 - King & MacGregor Environmental Inc. for Toyota Corporation, 2002
 - Michigan Natural Features Inventory, 2002, 2001
- Expert Witness (for the prosecution), State of Michigan vs. James Galloway (a.k.a. the “Rattlesnake Wins” case), 2003
- Research Assistant, Division of Reptiles and Amphibians, University of Michigan Museum of Zoology, 2002-2003
- Frog Wrangler, Arcwelder Films, Animal Nightmares Episode 7: Frogs, 2002
- Curatorial Assistant, Division of Reptiles and Amphibians, University of Michigan Museum of Zoology, 1997-2002
- Field Assistant for Dr. Heather Heying in Madagascar: Natural history and sexual selection in *Mantella laevis*.
- Herpetological survey of the island of Nosy Mangabe, N.E. Madagascar.
- Research Assistant for Dr. D. Andrew Merriwether: Mitochondrial DNA extractions and d-loop amplifications for study on high altitude populations of humans.
- Docent, University of Michigan Exhibit Museum of Natural History, 1999-2000

PUBLICATIONS

- **Fox, GM.** Geographic Distribution. *Rana palustris*. Herpetol. Rev. 32(1): 56.
- **Fox, GM.** *Lampropeltis pyromelana*. Diet. Herpetol. Rev. 33(3): 214.
- Da Rin, KA. and **GM Fox.** *Xenopeltis unicolor*. Diet. Herpetol. Rev. 33(3): 214.
- Bullard, KM. and **GM Fox.** *Crotalus viridis oreganus*. Diet. Herpetol. Rev. 33(4): 313.
- **Fox, GM,** R Lehtinen, K Pecor and G Schneider. Geographic Distribution. *Ambystoma laterale*. Submitted Herpetol. Rev.
- Lehtinen, R., **GM Fox,** K. Pecor and G. Schneider. Geographic Distribution. *Hemidactylium scutatum*. Submitted Herpetol. Rev.
- Schueller, S, **GM Fox,** and SR Albee-Scott. The role of facilitative perch and nurse effects on the successful invasion of an old field by the non-native shrub *Elaeagnus umbellata*. In revision for Am. Mid. Nat.
- **Fox, GM.** Dibatid affinities and tests of squamate (Reptilia) history. In prep. for Mol. Biol. Evol.

INVITED PRESENTATIONS

- Critical tests of alethinophidian (Squamata: Serpentes) diversity, history, and biogeography using molecules and morphology. 2003. University of Texas at Arlington.

PRESENTATIONS

- Seminar & Workshop: Parallel processing approaches to molecular alignment and tree building: theory and practice. 2002. (Hosted with Ward Wheeler and Taran Grant). University of Michigan Museum of Zoology.
- Testing hypotheses of pythonine (Reptilia: Squamata) phylogeny and biogeography. 2001 University of Michigan Department of Ecology and Evolutionary Biology Preliminary Examination Series.
- Molecular phylogenetics and biogeography of pythonine snakes. 2001 Joint Annual Meetings of the Herpetologists' League and the Society for the Study of Reptiles and Amphibians, Indianapolis, Indiana.

AWARDS AND FELLOWSHIPS

- Peter O. Okkelberg Award, University of Michigan, 2004, 2003
- Rackham Block Grant, University of Michigan, 2005, 2004, 2003, 2002, 2001
- Hinsdale-Walker Scholarship, University of Michigan Museum of Zoology, 2004, 2003
- Harold and Vivian Shapiro Award, University of Michigan, 2002
- Rackham Discretionary Fund Award, University of Michigan, 2002
- Rackham Travel Award, University of Michigan, 2001
- Ph.D. summer support, University of Michigan Dept. of Biology, 2001
- Research Grant, Undergraduate Research Opportunity Program, University of Michigan, 1999-2000
- Summer Stipend, Undergraduate Research Opportunity Program, University of Michigan, 1999
- Class Honors, University of Michigan, Fall 1998
- Cutcheon Grant for Undergraduate Research, University of Michigan, 1998
- Otto Graf Grant for Undergraduate Research, University of Michigan, 1998 (1), 1998 (2)

PROFESSIONAL AFFILIATIONS

- American Society of Ichthyologists and Herpetologists
- Human Anatomy and Physiology Society
- Herpetologists' League
- MENSA

- Willi Hennig Society
- Society for the Study of Evolution
- Society of Systematic Biologists