

Blake Mathys, Ph.D.

Curriculum Vitae

BlakeMathys@hotmail.com

Teaching Portfolio: <http://blakemathys.com/portfolio.html>

Education

<u>Institution</u>	<u>Degree</u>	<u>Completed</u>
Ohio Northern University	B.S. Biology, Field Biology minor	May 2002
Rutgers University	Ph.D. Ecology and Evolution	January 2010

Ph.D. Dissertation: Morphological evolution of birds recently introduced to islands: patterns of diversification

Advisor: Dr. Julie L. Lockwood

Employment

2012	Adjunct Professor: Ecology Ohio Dominican University
2011-2012	Adjunct Professor: Biological Sciences II (fall) and Introductory Biology (winter) Columbus State Community College
2011-2012	Adjunct Professor: Science & Society (4 sections) Franklin University
2011	Co-Instructor: Animal Behavior & Conservation; 10 day field course at La Suerte Biological Field Station near Cariari, Costa Rica Hunter College
2009-2011	Visiting Assistant Professor: Cells & Molecules and Biodiversity & Evolution lecture and laboratory The Richard Stockton College of New Jersey
2010-2011	Part-time Lecturer: Ornithology (summer and spring) Wildlife Ecology & Conservation (fall) Rutgers University
2010	Adjunct Professor: Introduction to Natural Resources (fall) Rowan University
2004-2009	Teaching Assistant: Vertebrate Zoology laboratory (4 semesters); Ichthyology laboratory (1 semester); Invertebrate Zoology laboratory (1 semester); General Biology laboratory (3 semesters) Rutgers University
2008	Co-Instructor: The Ecology of the Jersey Shore; Byrne First-Year Seminar Rutgers University

Employment (continued)

- 2003, 2004 Field Technician: Cape Sable Seaside Sparrow Fire Study, FL
University of California, Santa Cruz
- 2004 Intern: Northern Elephant Seal monitoring, Southeast Farallon Island, CA
PRBO Conservation Science
- 2003 Hawk Counter: Chelan Ridge Raptor Migration Project, WA
HawkWatch International
- 2002 Teaching Assistant: General Biology laboratory
Missouri State University
- 2001 Intern: Fish sampling
Ohio EPA, Division of Surface Water

Peer-reviewed Publications

- 2009 Mathys, B.A. & Lockwood, J.L. Rapid evolution of great kiskadees on Bermuda: an assessment of the ability of the Island Rule to predict the direction of contemporary evolution in exotic vertebrates. *Journal of Biogeography*. **36**(12):2204-2211.
- 2011 Mathys, B.A. First record of Aplomado Falcon (*Falco femoralis*) for the West Indies. *The Wilson Journal of Ornithology*. **123**(1):179-180.
- 2011 Mathys, B.A. & Lockwood, J.L. Contemporary morphological diversification of passerine birds introduced to the Hawaiian archipelago. *Proceedings of the Royal Society B: Biological Sciences*. **278**(1716):2392-2400.
- In prep Mathys, B.A. & Lockwood, J.L. Contemporary evolution of exotic bird morphology in response to insularization: does the Island Rule hold for exotic passerines?

Professional Presentations

- 2006 North American Ornithological Conference, Veracruz, Mexico. Poster: “Contemporary Evolutionary Change of the Introduced Great Kiskadee *Pitangus sulphuratus* Population in Bermuda”
- 2008 International Biogeography Society; 4th Biennial meeting in Mérida, Mexico. Poster: “Rapid Morphological Evolution of Exotic Passerine Birds on Islands”

Funding

Co-wrote proposal to National Geographic Society – \$14,000 grant awarded for “Do non-native species show macro-evolutionary patterns? Non-native passerines and the Island Rule”