

University of North Carolina at Chapel Hill  
Department of Biology  
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DAVID W. KIKUCHI

## CURRICULUM VITAE

### EDUCATION

*University of North Carolina at Chapel Hill • Chapel Hill, NC*  
2008-pres Graduate student in Evolution, Ecology, and Organismal Biology

*University of Illinois at Urbana-Champaign • Urbana, IL*  
2006 BSc *cum laude* with majors in Biology, Chemistry and Rhetoric

### PEER-REVIEWED PUBLICATIONS

Pfennig, D. W. and D. W. Kikuchi. *in press*. Competition and the evolution of imperfect mimicry. *Current Zoology*

Kikuchi, D. W. and D. W. Pfennig. *in press*. A Batesian model and its mimic share color production mechanisms. *Current Zoology*

Kikuchi, D. W. and D. W. Pfennig. *in press*. Mimicry. In Oxford Bibliographies Online: Ecology. Ed. David Gibson. New York: Oxford University Press.

Kikuchi, D. W. and D. W. Pfennig. 2010. Predator cognition permits imperfect coral snake mimicry. *American Naturalist* 176:830-834

**Subject of an article in *ScienceNow* (“Snakes lie to save their skin”) by Donna Hesterman, 19 November 2010**

**Subject of a an article in *La Recherche* (“Mentir mais pas trop”), January 2011**

Kikuchi, D. W. and D. W. Pfennig. 2010. High model abundance may permit the gradual evolution of Batesian mimicry: an experimental test. *Proceedings of the Royal Society B* 277:1041-1048

Kikuchi, D. W. 2009. Terrestrial and understorey insectivorous birds of a Peruvian cloud forest: species richness, abundance, density, territory size and biomass. *Journal of Tropical Ecology* 25:523-529

Kikuchi, D. W., E. Lasso, J. W. Dalling, and N. Nur. 2007. Pollinators and pollen dispersal of *Piper dilatatum* (Piperaceae) on Barro Colorado Island, Panama. *Journal of Tropical Ecology* 23:603-606

### RESEARCH AWARDS

2011-pres NSF Doctoral Dissertation Improvement Grant (\$15000)

2010-pres	NSF Graduate Research Fellow
2010	Sigma Xi Grant-in-aid-of-research (\$800)
2008, 09	NSF Graduate Research Fellowship – Honorable Mention
2009	Theodore Roosevelt Memorial Grant (\$1,000)
2007-08	US Student Fulbright Grant – Peru (\$14,013.20)
2006	High Distinction for undergraduate thesis
2006	Integrative Biology Distinction Award (\$400)

## OTHER AWARDS

2011	Society for the Study of Evolution Outreach award (\$800) (with Segundo Israel Crespo More)
2008-pres	Caroline H. and Thomas S. Royster, Jr. Fellowship
2004-05	Undergraduate Mentoring in Environmental Biology Fellow
2003-06	Biology Honors Program at UIUC
2003-06	Dean's List at UIUC
2002, 04	Illinois General Assembly Scholarship Recipient
2002	Merit Recognition Scholarship Recipient
2002	Ruth Strand Memorial Essay Contest Winner

## PROFESSIONAL EXPERIENCE

2008-pres	Research fellow and teaching assistant University of North Carolina at Chapel Hill
2007-08	US Student Fulbright Fellow Ayabaca Province, Peru
2007	Research intern PRBO Conservation Science, Petaluma, CA
2006	Research intern Lehigh Gap Nature Center, Slatington, PA
2005-06	Undergraduate Mentoring in Environmental Biology fellow Weatherhead Lab, University of Illinois at Urbana-Champaign
2004	Undergraduate Mentoring in Environmental Biology fellow Dalling Lab, University of Illinois at Urbana-Champaign

## OTHER PUBLICATIONS

Pfennig, D. W. and D. W. Kikuchi. *in press*. Life imperfectly imitates life [News & Views regarding Penney et al.]. *Nature*

Kikuchi, D.W. 2007. Population trends from counts of migrating raptors at Bake Oven Knob, Pennsylvania, 1992-2005. *American Hawkwatcher* 32:8-15

Kikuchi, D. W. 2006. Sex, Hatching Asynchrony and Growth in the Mourning Dove. Thesis at University of Illinois at Urbana-Champaign

## PRESENTATIONS AND POSTERS, INVITED OR AT MAJOR MEETINGS

- 2012 Kikuchi, D. W. and D. W. Pfennig. SICB 2012 meeting, Charleston, South Carolina
- 2011 Kikuchi, D. W. and D. W. Pfennig. ESEB 2011 meeting, Tübingen, Germany  
Kikuchi, D. W. Biology Department Symposium, UNC-Chapel Hill, Chapel Hill, North Carolina
- 2010 Kikuchi, D. W. and D. W. Pfennig. Evolution 2010 meeting, Portland, Oregon  
Kikuchi, D. W. Behavioral, Population, and Community Ecology Seminar, Duke University, Durham, North Carolina  
Kikuchi, D. W. Research in Progress Seminar Series, East Carolina University, Greenville, North Carolina
- 2008 Kikuchi, D. W. Poster at Ecological Society of America meeting, Milwaukee, Wisconsin  
Kikuchi, D. W. VII Congreso Nacional de Ornitología, Piura, Peru

## UNDERGRADUATE STUDENTS MENTORED

- 2011 Antonio Serrato (credit, Spring)
- 2010 Saige Clark (credit, Spring)  
Allison Bailey (credit, Spring)  
Wendell Juliantius (credit, Spring)
- 2009 Saige Clark (volunteer, Summer; credit, Fall)  
Elizabeth Christenson (volunteer, Spring & Summer)  
Yong Choi (credit, Spring)  
Rebecca Searles (volunteer, Spring)  
Ge Zhang (volunteer, Spring)

## TEACHING AND OUTREACH

- 2012 Mimicry presentation at NCSM for Darwin Day  
Poster on mimicry contributed to UNC "Life as Art" festival
- 2011 Outreach workshop, "Biodiversity and the Dry Forest," for secondary school students in Peru (with Segundo Israel Crespo More)
- 2010 BIO 471: Evolutionary mechanisms
- 2009 BIO 201: Introduction to evolution and ecology

## PROFESSIONAL SERVICE

European Society of Evolutionary Biology – member (since 2011)

Society for the Study of Evolution – member (since 2010)

Society for Integrative and Comparative Biology – member (since 2009)

Animal Behavior Society – member (since 2009)

Reviewer for *Evolution*, *Biological Journal of the Linnean Society*, *Journal of Herpetology*, *Current Zoology*, and *Organisms Diversity and Evolution*

## LANGUAGES

Spanish (fluent)

German (basic)