

# Timothy S. Mitchell

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## EDUCATION

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2008-13: Doctorate of Philosophy, Iowa State University, Ames IA  
Major: Ecology and Evolutionary Biology  
Advisor: Fredric Janzen

2003-07: Bachelor of Arts, St. Olaf College, Northfield MN  
Majors: Biology, Environmental Studies  
Honors: Graduated *cum laude* with Distinction in Biology

## PROFESSIONAL EXPERIENCE

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2016-pres: NSF Postdoctoral Research Fellowship in Biology, Department of Biological Sciences, Auburn University, Auburn, AL

2015: NSF Postdoctoral Research Fellowship in Biology, Department of Biology, University of Alabama at Birmingham, Birmingham, AL

2014: Lecturer; Department of Ecology, Evolution and Organismal Biology, Iowa State University, Ames, IA

2013-14: Postdoctoral Research Associate; Department of Ecology, Evolution and Organismal Biology, Iowa State University, Ames IA

## SELECTED PUBLICATIONS [\*undergraduate under my mentorship]

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**Mitchell, T.S.**, J.M. Refsnider, A. Sethuraman, D.A. Warner and F.J Janzen. 2016. Experimental assessment of winter conditions on turtle nesting phenology and behavior. *Evolutionary Ecology Research*. In press

**Mitchell, T.S.**, E.M. Myers, J.K. Tucker, and S.E. McGaugh. 2016. Righting ability in hatchling turtles does not predict survival during dispersal in the field. *Biological Journal of the Linnean Society*. In press

Voves, K.A. \*, **T.S. Mitchell**, and F.J Janzen. 2016. Does natural visual camouflage reduce turtle nest predation? *American Midland Naturalist*. 176:166-172

Telemeco, R.S., E.J. Gangloff, G.A. Cordero, **T.S. Mitchell**, B.L. Bodensteiner, K.G. Holden, S.M. Mitchell, R.L. Polich, and F.J. Janzen. 2016. Reptile embryos lack the opportunity to thermoregulate by moving within the egg. *American Naturalist*. 188:E13-E37

Bodensteiner, B.L.\*, **T.S. Mitchell**, J.T. Strickland and F.J. Janzen. 2015. Hydric conditions during incubation influence phenotypes of neonatal reptiles in the field. *Functional Ecology* 29:710-717

**Mitchell, T.S.**, J.A. Maciel\*, and F.J. Janzen. 2015. Maternal effects influence phenotypes and survival during early life stages in an aquatic turtle. *Functional Ecology* 29:268-276

**Mitchell, T.S.**, J.A. Maciel\*, and F.J. Janzen. 2013. Does sex-ratio selection influence nest-site choice in a reptile with temperature-dependent sex determination? *Proceedings of the Royal Society B* 280:20132460. [Highlighted in *Science* Editors' Choice 342:910-911]

**Mitchell, T.S.**, D.A. Warner, and F.J. Janzen. 2013. Phenotypic and fitness consequences of maternal nest-site choice across multiple early life stages. *Ecology* 94:336-345.

## **FUNDING**

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2015-2017: National Science Foundation Postdoctoral Research Fellowship in Biology (\$207,000)

2012-13: National Science Foundation GK-12 Fellowship, Iowa State University (\$30,000)

2011-12: National Science Foundation GK-12 Fellowship, Iowa State University (\$30,000)

2011: Instructor Development Grant, Iowa State University (\$500)

2008-09: Biotechnology Fellowship, Iowa State University (\$20,000)

## **TEACHING EXPERIENCE**

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2014: BIOL/A ECOL 457-- Herpetology; Iowa State University

2013-14: BIOL 495-- Herpetology Course Supplement; Iowa State University (x2)

2014: EEB 585-- Ecology and Evolution in the Desert Southwest; Iowa State University

2013: Herpetology Guest Lectures (x2); Iowa State University

2012-13: Resident Scientist; Harding Middle School, Des Moines, IA (NSF GK-12)

2011-12: Resident Scientist; Meredith Middle School, Des Moines, IA. (NSF GK-12)

2011: HON 321--Current Topics in Evolution; Iowa State University

2010: BIOL 212--Principles of Biology Laboratory II; Iowa State University

2009-11: BIOL 211--Principles of Biology Laboratory I; Iowa State University (x3)

2006: Field Ecology Laboratory; St Olaf College (as undergraduate assistant)

2006: Cellular Biology and Genetics Laboratory; St Olaf College (as undergraduate assistant)

2005: Biological Sciences Laboratory; St Olaf College (as undergraduate assistant)