

## Education & Appointments

- Ph.D. **Indiana University**, Bloomington, IN. Department of Biology.  
*Co-advisors:* Dr. Michael Wade & Dr. Curt Lively. 2009-July 2015 (all requirements for PhD completed).
- Research Associate. **Indiana University**, Bloomington, IN. Department of Biology.  
*Advisor:* Dr. Ellen Ketterson. 2008-2009.
- B.S. Biology. **The College of William & Mary**, Williamsburg, VA. *summa cum laude*.  
*Thesis Advisor:* Dr. George Gilchrist. 2004-2008.

## Fellowships & Awards

- National Science Foundation (NSF) Graduate Research Fellowship. 2010-2015
- Center for the Integrative Study of Animal Behavior (CISAB) Summer Fellowship. Indiana University. 2014
- Provost's Travel Award for Women in Science. Indiana University. 2014
- Common Themes in Reproductive Diversity Trainee. NIH Training Grant. Indiana University. 2010-2011
- Phi Beta Kappa. The College of William & Mary. 2007
- Smithsonian Tropical Research Institute Internship. Gamboa, Panama. *Advisor:* Dr. Michael Ryan. 2007
- Bruce Grant Award for Excellence in Undergraduate Research in Evolutionary Biology, The College of William & Mary. 2007
- NSF REU. The College of William & Mary. *Advisor:* Dr. George Gilchrist. 2006
- Monroe Scholar. The College of William & Mary. 2004-2008

## Grants

- National Science Foundation (NSF) Doctoral Dissertation Improvement Grant. **\$20,245.12**. 2013-2015
- Monroe Scholar Research Grant. **\$3,000.00**. The College of William & Mary. 2007
- Undergraduate Research Grant. **\$1,200.00**. Funded via NIH Undergraduate Biological Sciences Education Program. The College of William & Mary. 2005-2008

## Publications

- **Dapper, A.L.**, and M.J. Wade. (2014) Relative levels of sequence divergence and polymorphism in sperm competition genes. (in review)

- **Dapper, A.L.**, and C.M. Lively. (2014) Interlocus sexually antagonistic coevolution can create indirect selection for increased recombination. *Evolution* 68: 1216-1224.
- Whittaker, D.J., **A.L. Dapper**, M.P. Peterson, J.W. Atwell, and E.D. Ketterson. (2012) Maintenance of MHC Class IIB diversity in a recently established songbird population. *J. Avian Biol.* 43: 109-118.
- **Dapper, A.L.**, A.T. Baugh, and M.J. Ryan. (2011) The Sounds of Silence as an Alarm Cue in Túngara Frogs, *Physalaemus pustulosus*. *Biotropica* 43: 380-385.
- Whittaker, D.J., D.G. Reichard, **A.L. Dapper**, and E.D. Ketterson. (2009) Behavioral responses of nesting female dark-eyed juncos *Junco hyemalis* to hetero- and conspecific passerine preen oils. *J. Avian Biol.* 40: 579-583.

## Presentations

- The role of selection in the rapid evolution of reproductive genes: are we using the correct null hypothesis? *Evolution*. Raleigh, North Carolina. 2014
- The population genetics of rapidly evolving reproductive genes: How much variation should we expect to find? *Evolution*. Snowbird, Utah. 2013
- Understanding Patterns of Diversity in Reproductive Genes. 1<sup>st</sup> Joint Conference on Evolutionary Biology. Ottawa, Canada. (Poster) 2012
- Sexually Antagonistic Coevolution & The Evolution of Recombination Rate. Seminario del Departamento de Ciencias Biológicas. Universidad de los Andes, Bogotá, Colombia. (Invited Presentation) 2011
- A Solution to the Paradox of Recombination: Sexually Antagonistic Coevolution. *Evolution*. Norman, OK. 2011
- The effects of extra-pair preen oil on parental care in the dark-eyed junco (*Junco hyemalis*). CISAB Animal Behavior Conference. Bloomington, IN. (Poster) 2011
- Sexual Conflict and the Evolution of Recombination Rate. EEB Brown Bag Seminar Series. Indiana University. Bloomington, IN. 2011
- Linkage and the Dynamics of Sexually Antagonistic Coevolution. *Evolution*. Portland, OR. (Poster) 2010
- Effects of Selection for Thermotolerance on the Cost of Mating in *Drosophila melanogaster*. *Evolution*. Minneapolis, MN. (Poster) 2008
- Fitness Effects of Artificial Selection on Thermotolerance in *Drosophila melanogaster*. Undergraduate Science Symposium. The College of William and Mary, Williamsburg, VA. 2007

## Teaching Experience

- Instructor. Introduction to Biology. Foundations in Science and Mathematics (FSM). Indiana University. 2013

- Assistant Instructor. Entomology. Indiana University. *Instructor*: Dr. Armin Moczek. 2009

### Broader Impacts

- Contributor to *Nothing in Biology Makes Sense!* (science blog). 2012-Present
- Undergraduate Student Research Mentor. *Mentees*: Rebecca Rice, Ingrid Feustal, Alli James, Colette Ceresi. 2010-Present
- Graduate Student Advisory Committee Member. EEB Faculty Job Search. Indiana University. 2014
- Leader. Reading Group: *The Selfish Gene*. 2012
- Leader. Reading Group: *A Biologist's Guide to Mathematical Modeling in Ecology & Evolution*. 2011
- Graduate Student Advisory Committee Member. EEB Faculty Job Search. Indiana University. 2011

### References

#### **Dr. Michael J. Wade**

Distinguished Professor of Biology  
Indiana University Bloomington  
1001 E. 3<sup>rd</sup> St., Bloomington, IN 47405 USA  
+1(812)856-4680  
mjwade@indiana.edu

#### **Dr. Curt M. Lively**

Distinguished Professor of Biology  
Indiana University Bloomington  
1001 E. 3<sup>rd</sup> St., Bloomington, IN 47405 USA  
+1(812)855-1842  
clively@indiana.edu

#### **Dr. Ellen D. Ketterson**

Distinguished Professor of Biology and Gender Studies  
Indiana University Bloomington  
1001 E. 3<sup>rd</sup> St., Bloomington, IN 47405 USA  
+1(812)855-6837  
ketterso@indiana.edu