

ALISSA G ANDERSON, PhD student
School of Biological Sciences, University of Nebraska - Lincoln
alissa.anderson@huskers.unl.edu

Education

University of Nebraska-Lincoln	Ph.D. in Ecology, Evolution and Behavior	Current
Ball State University	M.S. in Biology	2013
University of Muskingum	B.S. in Biology – Chemistry Minor	2011
James Cook University	Study Abroad	2009

Awards and Honors

- Honorable mention, 2015, Founder's poster competition, Animal behavior conference
- Honorable mention, 2015, Biology graduate student association symposium, UNL
- 2nd place poster presentation, 2014, Biology graduate student association symposium, UNL
- The Carl Warnes Award for Outstanding Teaching as a Graduate Assistant, 2013, Ball State University.
- 2nd place poster presentation, 2011, Muskingum University Student Symposium
- Top 5% of class, 2009, Muskingum University

Publications

- **Anderson, A.G.** & G.N. Dodson. 2015. Colour change ability and its effect on prey capture success in female *Misumenoides formosipes* crab spiders. *Ecol. Entomol.*40(2): 106-113. ****Editor's choice.**
- G. Dodson, **A.G. Anderson** & L.M. Stellwag. Movement, sex ratio, and population density in a dwarf male spider species, *Misumenoides formosipes* (Araneae: Thomisidae). *J. Arachnol.* 43.
- **Anderson, A.G.**, & E. Hebets. 2016 Benefits of size dimorphism and copulatory silk wrapping in the sexually cannibalistic nursery web spider, *Pisaurina mira*. *Biology letters.* 12(2).

Grants & Fellowships

- Dean's Fellowship, University of Nebraska, 2016-2017, (5K)
- EOB GAANN Fellowship, University of Nebraska, summer 2016, (~6K)
- EOB GAANN Fellowship, University of Nebraska, 2014-2015 (~19K)
- SBS special funds research grant, University of Nebraska, 2014, (\$1,500)
- EOB GAANN Fellowship, University of Nebraska, summer 2014, (~6K)
- ASPIRE Travel Grant, Ball State University, 2012, (\$95)
- Arachnology Research Grant, American Arachnological Society, 2012, (\$300)
- Sigma Xi Research Grant, Ball State Chapter of Sigma Xi, 2012, (\$400)
- ASPIRE Research Grant, Ball State University, 2011, (\$464)
- Conservation Research Award, Vishnu P. and Sudha S. Saksena, 2010, (\$1000)
- Muskie Fellowship, Muskingum University, 2008, (\$2500)

Presentations

- **Anderson, A.G.** & E. Hebets, 2016, International congress of Arachnology
- **Anderson, A.G.** & E. Hebets, 2015, Animal behaviour conference
- **Anderson, A.G.** & E. Hebets, 2015, Biology graduate student association symposium
- **Anderson, A.G.** & E. Hebets, 2015, University of Nebraska Graduate Student Symposium
- Dodson, G.N., **A.G. Anderson** & L.M. Stellwag, 2014, American Arachnology Society Meeting

- **Anderson, A.G.** & E. Hebets, 2014, Biology graduate student association symposium
- **Anderson, A.G.** & G.N. Dodson, 2013, American Arachnological Society Meeting
- **Anderson, A.G.** & G.N. Dodson, 2012, Ball State University Student Symposium
- **Anderson, A.G.**, 2013, Ball State University
- **Anderson, A.G.** & G.N. Dodson, 2013, Indiana Academy of Science
- **Anderson, A.G.** & G.N. Dodson, 2012, BSU Chapter of Sigma Xi Meeting
- **Anderson, A.G.** & G.N. Dodson, 2012, American Arachnological Society Meeting
- **Anderson, A.G.** & G.N. Dodson, 2012, BSU Student Symposium
- **Anderson, A.G.** & G.N. Dodson, 2012, Indiana Academy of Science Annual Meeting
- **Anderson, A.G.** & J. Dooley, 2011, Ohio Academy of Science
- **Anderson, A.G.** & J. Dooley, 2011, Muskingum University Student Symposium

Academic Employment

- *Graduate Teaching assistant*, University of Nebraska-Lincoln, 2013-2016, Courses taught: Introduction to Biology lab, Ecology and Evolution lab, Organismal Biology lab.
- *Graduate Teaching assistant*, Ball State University, 2011-2013, Courses taught: Organismal Biology lab.
- *Biology Tutor*, Muskingum University, 2008-2009
- *Biology Stock Room and Laboratory Prep Assistant*, Muskingum University, 2008 – 2009.

Outreach & Community Engagement

- *Eight-legged Encounters* Volunteer, 2014, Denver Museum of Nature and Science, Morrill Hall
 - Developed multiple outreach activities that were implemented within this event.
- *Eight-legged Encounters* Volunteer, 2013, Butterfly Pavilion near Denver, CO
- *Bugfest* Volunteer, 2013, University of Nebraska Entomology Department
- *Guest teacher*, 2013, Prairie Hill Learning Center.
 - Developed activities that have since been used in future outreach events.

Media Recognition (highlights)

- *Live science*, 2016, Kinky spiders: males tie up partners during sex
- *National Geographic*, 2016, Kinky spiders tie up their lovers to avoid getting eaten
- *New York Times*, 2016, Spiders that aren't dying to reproduce
- *IFLScience*, 2016, Male spiders tie females' legs with silk to avoid sexual cannibalism
- *Popular Science*, 2016, Male spiders tie up their mating partner to keep from getting eaten
- *Discovery News*, 2016, Male nursery-web spider ties up partners during sex
- *Discovery Canada*, 2015, Video segment on Daily Planet, Discovery.
- *UNL Today*, 2015, Doctoral student first to quantify color change in spiders
- *Science Blog*, 2015, Tricky spider can change color to blend in when hunting
- *Phys.org*, 2015, Researcher identify spider species able to change colors
- *Nature World News*, 2015, This camouflaged spider can change its color
- *UPI*, 2015, Study: rare crab spider can change colors