

JAY A. STAFSTROM, M.S.

University of Nebraska - Lincoln: Ph.D Candidate

POST-SECONDARY EDUCATION

Elon University	Psychology	B.A., 2009
University of Washington, Seattle	Psychology, Animal Behavior	M.S., 2011
University of Nebraska, Lincoln	Integrative Evolutionary Biology	Ph.D, expected 2017

PEER-REVIEWED PAPERS

- Stafstrom, J. A. and Hebets, E. A. 2016. Nocturnal foraging enhanced by enlarged secondary eyes in a net-casting spider, *Biology Letters*, 12: 20160152.
- Hebets, E. A., Aceves-Aparicio, A., Aguilar-Argüello, S., Bingman, V.P., Escalante, I., Gering, E. J., Nelsen, D.R., Rivera, J., Sánchez-Ruiz, J. A., Segura-Hernández, L., Settepani, V., Wiegmann, D. D., Stafstrom, J. 2014. Multimodal sensory reliance in the nocturnal homing of the amblypygid *Phrynus pseudoparvulus* (Class Arachnida, Order Amblypygi)? *Behavioural Processes* 108: 123 – 130.
- J. Stafstrom and E. Hebets. 2013. A backup function of multimodal signaling with benefits of ornamentation realized in the presence of a composite display. *Current Zoology*, 52: 200-209.
- E. Hebets, J. Stafstrom, R. Rodriguez, and D. Wilgers. 2011. Enigmatic ornamentation interacts with courtship performance to influence female mate choice. *Animal Behaviour*, 5:963-972.
- M. Gendle, D. Smucker, J. Stafstrom, M. Helterbran and K. Glazer. 2009. Attention and reaction time following the consumption of Red Bull, *The Open Nutrition Journal*, 3, 8-10.

HONORS, SCHOLARSHIPS, AND GRANTS

- 2005-2009 – President’s Scholarship, Elon University
- 2005-2009 – Elon College Fellow Scholarship
- 2006 – Elon Experience Grant, \$1,000
- 2010 – National Science Foundation Graduate Research Fellowship Program-honorable mention
- 2011 – National Science Foundation Graduate Research Fellowship Program-honorable mention
- 2011 – Organization for Tropical Studies, Post-Course Grant, \$957
- 2011 – Robert C. Bolles Graduate Fellowship, University of Washington, \$750
- 2012 – Organization for Tropical Studies, Pilot Grant, \$2,075
- 2012 – Biological Sciences Special Funds, University of Nebraska, \$1,500
- 2012 – Biological Sciences Travel Funds, University of Nebraska, \$600
- 2012 – Smithsonian Tropical Research Institute, Short-term Fellowship, \$3,200
- 2013 – Biological Sciences Special Funds, University of Nebraska, \$1,300
- 2013 – Mohr Biotechnology Fellowship, University of Nebraska \$1,000
- 2013 – GAANN Fellowship, University of Nebraska, \$11,140
- 2014 – Mohr Biotechnology Fellowship, University of Nebraska \$1,000
- 2014 – GAANN Fellowship, University of Nebraska, \$17,750
- 2014 - Endeavour Fellowship, Australian Government, \$24,500
- 2015 – Sigma Xi – Grants in Aid, \$800
- 2015 – Animal Behavior Society, \$1500

2015 – GAANN Fellowship, University of Nebraska, \$17,750
2016 - American Arachnological Society, \$325
2016 - School of Biological Sciences, First Place Poster Award, \$100

APPOINTMENTS

2013 - present: Teaching Assistant, Evolution and Ecology, University of Nebraska
2013: Teaching Assistant, Arachnid Evolution and Ecology, Organization for Tropical Studies
2012: Teaching Assistant, Introduction to Biology, University of Nebraska
2011: Teaching Assistant, Biopsychology, University of Washington
2011: Teaching Assistant, Human Sexuality, University of Washington
2010: Teaching Assistant, Animal Behavior, University of Washington
2010: Laboratory Technician, Zera Lab, University of Nebraska
2009-2010: Laboratory Technician, Hebets Lab, University of Nebraska
2009: Teaching Assistant, Animal Behavior, Elon University

POSTERS AND PRESENTATIONS

J. Stafstrom and E. Hebets. 2014. Foraging benefits of visual specialization in a strictly nocturnal, ogre-faced spider, *Deinopis spinosa*, 28th European Congress of Arachnology, Torino, Italy.

J. Stafstrom, P. Michalik, and E. Hebets. 2013. Visual investment across life stages of the Ogre-faced spider. 50th Association for Tropical Biodiversity and Conservation Congress, San Jose, Costa Rica.

J. Stafstrom, L. Aviles, S. O'Donnell, and E. Hebets. 2012. Exploring neural investment in *Anelosimus* social spiders. 48th Animal Behavior Society conference, Albuquerque, NM.

K. Krueger, J. Stafstrom, and J. Murray. 2011. Potential egg laying role of asymmetric white cells of *Arminacalifornica*. Society for Integrative and Comparative Biology Conference. Salt Lake City, Utah.

M. Gendle, D. Smucker, J. Stafstrom, M. Helterbran and K. Glazer. 2009. Attention and reaction time following the consumption of Red Bull, *The Open Nutrition Journal*, 3, 8-10.

PUBLIC OUTREACH

2009 Upward Bound Program –helped lead station for Spider Lab Experience
2009 4-H Nebraska State Science & Technology Conference – week-long "spider camp"
2009 “A Night in the Museum for Boy scouts of America – Spider senses table
2011 Northstar high school – Guest lecture on arachnid sensory systems
2011 Tri-Beta Biology Club – Guest lecture on research in Costa Rica
2012 University of Delaware – Guest lecture on arachnids at La Selva Biological Station
2012 Night Nature Hikes - La Selva Biological Research Station
2012 Arachnid workshop – Held at Cabo Blanco Reserve, Costa Rica, for the OTS 12-1 course
2012 Organismal Biology, BIOS 103 – Guest lecture on spider silk use
2013 Science through outreach – As part of a graduate course at UNL, I lead a weekly afterschool biology club meeting for 10 weeks, with the goal of exciting middle school students about evolutionary biology.
2013 Eight-legged encounters – Helped set up and run a community project during the Morrill Hall Sunday with a Scientist event.
2013 Women in Science – showed high school students our lab, specimens, and the research projects we've completed and plan to pursue.

2013 Bugfest at Entymology Hall – helped run and explain community experiment
2014 Eight-legged encounters – Helped set up and run a community project during the MorrillHall Sunday with a Scientist event.