

**THOMAS C. JONES**  
**CURRICULUM VITAE**

**CURRENT POSITION AND ADDRESS**

Associate Professor & Associate member of the Graduate Faculty  
Dept. of Biological Sciences, East Tennessee State University  
Box 70703 Johnson City, TN 37614  
Phone: 423-439-6930, Fax: 423-439-5958, email: jonestc@etsu.edu

**EDUCATION**

B.S. Honors Biology, 1990, Cleveland State University  
M.S. Biology, 1993, Cleveland State University  
PhD. Evolution, Ecology, and Organismal Biology, 2000 The Ohio State University

**PROFESSIONAL EXPERIENCE**

2011-Present Associate Professor, East Tennessee State University  
2006-2011 Assistant Professor, East Tennessee State University  
2001-2006 Post-doctoral research associate, University of Tennessee, Knoxville

**RESEARCH INTERESTS**

I have a broad-based research program in the areas of behavioral ecology, population genetics, and neuroethology. Specifically I am interested in the evolution of cooperation, sociality and dispersal strategies. My model organism is The Northern Social Spider *Anelosimus studiosus*. This is among the most dynamic social systems found in nature, in that the spiders vary in their degree of sociality in response to latitude and microhabitat. I am exploiting the variation in this system to develop a deeper understanding of the selective forces involved with, and the neurohormonal mechanisms underneath, the evolution of sociality. I am taking a multifaceted approach to this work including: computer modeling, field and laboratory experimentation, and using molecular markers to analyze the genetic structure of populations. I am also interested in how spiders balance the selective pressures of being both predators and prey, particularly in the ecology of circadian rhythm in aggression/defensiveness its hormonal regulation. Finally, I also conduct research in science education, assessing the effectiveness of simulation models in student learning.

**PUBLICATIONS ‡ Graduate student \* Undergraduate student**

- Quijano A\*, Joyner ML, Seier E, Hancock N\*, Largent M\*, Jones TC. An Aggregate Stochastic Model Incorporating Individual Dynamics for Predation Movements of *Anelosimus studiosus*. In press *Mathematical Biosciences and Engineering*
- Watts JC‡, Chelsea Ross\*, Jones TC. 2015. Diel and life-history characteristics of personality: consistency versus flexibility in relation to ecological change. *Anim Behav.* 101:43-49
- Hebets E, Wilgers D‡, Hansen M\*, Jones TC. Octopamine levels relate to male mating tactic expression in the wolf spider *Rabidosa punctulata*. *Anim. Behav.* 100:136-142
- Joyner ML, Seier E, Jones TC. 2014. Distances to a point of reference in spatial point patterns. *Spatial Statistics* 10:63-75.
- Joyner ML, CR Ross\*, JC Watts\*, TC Jones. A stochastic simulation model for *Anelosimus studiosus* during prey capture: a case study for determining optimal spacing.

- Mathematical Biosciences and Engineering 11:1411-1429.
- Watts JC<sup>‡</sup>, Herrig A\*, Allen WD\*, Jones TC. 2014 Diel patterns of foraging aggression and Antipredator behaviour in the trashline orb-weaving spider *Cyclosa turbinata*. *Anim Behav.* 94:79-86
- Jones TC, TS Akoury\*, CK Hauser\*, & D Moore. 2011 Evidence of circadian rhythm in antipredator behaviour in the orb-weaving spider *Larinioides cornutus*. *Anim. Behav.* 82:549-555.
- Jones TC, TS Akoury\*, CK Hauser\*, MF Neblett II\*, BJ Linville<sup>‡</sup>, AA Edge<sup>‡</sup>, NO Weber<sup>‡</sup>. 2011 Octopamine and serotonin have opposite effects on antipredator behavior in the orb-weaving spider, *Larinioides cornutus*. *J Comp Physiol A.* 197:819-829.
- Jones TC, JN Pruitt<sup>‡</sup>, & SE Riechert. 2010 Fecundity and reproductive success in a socially polymorphic spider: social individuals experience depressed fitness when in isolation. *Ecological Entomology* 35:684-690
- Jones TC & TF Laughlin. 2010. PopGen Fishbowl: a free, online simulation of microevolutionary processes. *The American Biology Teacher* 72:100-103
- Yasukawa K, DE Enstrom, PG Parker, & TC Jones. 2010. Male Red winged Blackbirds with experimentally dulled epaulets experience no disadvantage in sexual selection. *The Journal of Field Ornithology* 81:31-41
- Yasukawa, K, DE Enstrom, PG Parker & TC Jones. 2009. Epaulet color and sexual selection in redwing blackbirds: a field experiment. *The Condor* 111:740-751
- Jones TC & TF Laughlin. 2009. Learning to measure biodiversity: two agent-based models simulate sampling methods and provide data for calculating diversity indices. *The American Biology Teacher* 71:406-410
- Jones TC & SE Riechert. 2008. Patterns of reproductive success associated with social structure and microclimate in a spider system. *Animal Behaviour* 76:2011-2019.
- Jones, TC & PG Parker. 2008. First male sperm precedence in multiply-mated females of the cooperative spider *Anelosimus studiosus* (Araneae, Theridiidae) *J. Arachnology* 36:527-532
- Pruitt JN<sup>‡</sup>, SE Riechert. & TC Jones 2008. Behavioural correlates and competitive consequences of sociality in a behaviourally polymorphic social spider. *Animal behaviour* 76:871-879.
- Riechert SE & TC Jones. 2008. Phenotypic variation in the social behaviour of the spider, *Anelosimus studiosus* along a latitudinal gradient. *Animal Behaviour* 75:1893-1902.
- Jones, TC, SE Riechert SE Dalrymple\* & PG Parker. 2007. Fostering model explains environmental variation in levels of sociality in a spider system. *Animal Behaviour* 73:195-204.
- Perkins TA\*, SE Riechert, TC Jones. 2007. Interactions between the social spider *Anelosimus studiosus* (Araneae, Theridiidae) and foreign spiders that frequent its nests. *J. Arachnol.* 35:143-152
- Jones, TC & PG Parker. 2002. Delayed dispersal benefits both mother and offspring in the cooperative spider *Anelosimus studiosus* (Araneae: Theridiidae). *Behavioural Ecology* 13:142-148.
- Riechert SE, FD Singer & TC Jones. 2001. High gene flow levels lead to gamete wastage in a desert spider system. *Genetica* 112/113: 297-319.

- Parker PG, TC Jones, J Haydock, J Dickinson & BD Worden. 2000. Multilocus minisatellite DNA fingerprinting and cooperative breeding. *Behav. Ecol. Sociobiol.* 47:108-111.
- Jones TC & PG Parker. 2000. Costs and benefits of foraging associated with delayed dispersal in the spider *Anelosimus studiosus* (Araneae: Theridiidae). *J. Arachnol.* 28:61-69.
- Huyvaert KP, DJ Anderson, TC Jones, W Duan & PG Parker. 2000. Extra-pair paternity in Waved albatrosses. *Molecular Ecology.* 9: 1415-1419
- Jones TC & MA Gates. 1994. A morphometric study of euryhalinity in marine populations of the ciliate genus *Euplotes*. *J. Eukary. Microbiol.*, 41:303-316.
- Jones TC & MA Gates. 1994. A morphometric analysis of the *Euplotes charon* morphotype (Ciliophora: Euplotida). *J. Eukary. Microbiol.*, 41:441-450.

## **PROFESSIONAL PRESENTATIONS**

### **Invited seminars**

- Spiders on the clock: neurophysiology and ecology of daily rhythms in behavior.  
University of Cincinnati, Dept. of Biological Sciences. Fall 2014.
- Hormones and clocks: neuroecology of sociality and aggression in a polyphenic spider.  
Miami University, Dept. of Biology. Fall, 2014.
- Neurohormonal underpinnings and ecological implications of aggression in a subsocial spider  
East Tennessee State University, Dept. of Physics and Astronomy. Spring, 2013.
- The evolution, and neurochemical underpinnings of sociality in a polyphenic spider.  
Mississippi University for Women, Dept. of Biology. Spring 2012.
- Virtual Biology Lab: an inquiry-based learning environment.  
East Tennessee State University, Dept. of Biological Sciences. Fall 2010.
- The evolution, and neurochemical underpinnings of sociality in a polyphenic spider.  
Washington and Lee University. Spring 2010.
- Evolution and underpinnings of cooperative behavior: insight from a social spider  
East TN chapter of Sigma Xi. Fall 2008.
- Patterns of reproductive success associated with social structure and microclimate in *Anelosimus studiosus* (Araneidae, Theridiidae). SACAB. Spring 2007.
- Causes and consequences of delayed dispersal in a cooperative spider  
University of Tennessee, Dept. of Ecology and Evolutionary Biology. Fall 2000.

### **Conference Presentations**

- Jones TC, JA Roberts, JC Watts<sup>‡</sup>, & GW Uetz. Estimation of females' visual and seismic experience with courting males during the pre-mating period in *Schizocosa ocreata* (Araneae: Lycosidae). 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark.
- Jones TC, TL Laughlin, AL Govett. Virtual Biology Lab: an inquiry-based learning environment. Vision and Change 2 Conference. Washington, DC, August, 2013
- Jones TC, Watts JC<sup>‡</sup>, Brown TC\*, and Moore D. Diel rhythm in locomotor activity and antipredator behavior in three species of orb-weaving spiders (Araneae: Araneidae) Entomological Society of America, 2012, Knoxville, TN
- Jones TC, Ross CR\*, Watts JC\*, Moore D, Seier E, Joyner ML. Ecological implications of diel

- rhythm in aggressiveness in *Anelosimus studiosus* (Araneae: Theridiidae). 2012 American Arachnological Society Meeting, Green Bay, WI
- Jones TC, Weber NO<sup>‡</sup>, Linville BJ<sup>‡</sup>. Evolutionary dynamics of social structure in the polyphenic spider *Anelosimus studiosus* (Araneae: Theridiidae). 2011 American Arachnological Society Meeting, Portland, OR
- Jones TC. The evolution and neurochemical underpinnings of sociality in a polyphenic spider. Invited seminar at Washington and Lee University, October 2010.
- Jones TC, TL Lauglin, AL Govett. Virtual Biology Lab: assessment of student learning and attitudes associated with simulated ecological experiments. TUES/CCLI PI's Conference. Washington, DC, January, 2011
- Jones TC, TS Akoury\*, CK Hauser\*, & DJ Moore Evidence for circadian rhythm and the role of serotonin in antipredator behavior in a nocturnal spider, *Larinioides cornutus* (Araneae; Araneidae) Society for Neuroscience Meeting, San Diego, November, 2010
- Jones TC, TS Akoury\*, CK Hauser\* Octopamine and serotonin have opposite effects on antipredator behavior in two spider species. American Arachnological Society Meeting, Eastern Carolina University, July, 2010
- Jones, TC, E Seier, SE Riechert, JN Pruitt<sup>‡</sup>. Possible frequency-dependent selection on behavioral phenotypes in *Anelosimus studiosus* (Araneae: Theridiidae) American Arachnological Society Meeting, Arkansas Tech University, July, 2009
- Jones, TC & SE Riechert. Patterns of reproductive success associated with social structure and microclimate in a spider system. American Arachnological Society Meeting, Susquehanna University, July, 2007
- Jones, TC & PG Parker. Delayed dispersal benefits both mothers and offspring in the subsocial spider *Anelosimus studiosus* (Araneae: Theridiidae). Int. Cong. of Arachnol., South Africa, Feb. 2001.
- Jones, TC & PG Parker. Benefits of delayed dispersal in a semi-natural population of a sub-social spider. Animal Behavior Society Meeting, Lewisburg, PA, June 1999.
- Jones, TC & PG Parker. Effect of cooperative foraging in prey capture rate and juvenile development in the sub-social spider *Anelosimus studiosus* (Araneae: Theridiidae). Midwest Animal Behavior Society Meeting, Columbus, OH, Sep. 1997.
- Jones, TC, AD Reynolds\* & PG Parker. Dynamics of prey capture in maturing colonies of the sub-social spider *Anelosimus studiosus* (Araneae: Theridiidae). Midwest Animal Behavior Society Meeting, Bloomington, IN, Nov. 1996.
- Jones, TC & MA Gates. Morphological effects of hyposalinity in *Euplotes vannus*. Midwest Protozoology Conference, Holland MI, Apr. 1992.
- Jones, TC & MA Gates. Morphological variation among strains of small marine *Euplotes*. East Coast Conference on Protozoology, Hamden, CT, May, 1991.

### **Co-authored Presentations**

- Seier E., Joyner ML, Moore D, Jones TC, & Joplin KH. Learning statistics in an undergraduate interdisciplinary research setting- the CRAWL experience. 9<sup>th</sup> International Conference on Teaching Statistics. July 12-18 2014, Flagstaff AZ.
- Herrmann SK, JA Roberts, J Price, & TC Jones. Stressing out! The effects of stress on biogenic amine levels in female wolf Spiders. 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark.

Riechert, SE & TC Jones. An aunting model explains the existence of multi-female colonies in a northern population of *Anelosimus studiosus* (Araneae; Theridiidae). Int. Cong. of Arachnol., South Africa, Feb. 2001.

Worden, BD, PG Parker & TC Jones. Multiple mating in a beetle: weighing male costs and female benefits. Animal Behavior Society Meeting, Carbondale, IL, July, 1999.

Yasukawa, K, P Parker, T Jones & D Enstrom. Is it dumb to be too bright? An experimental study of red-winged blackbirds. Animal Behavior Society Meeting, Carbondale, IL, Jul. 1999.

Tridandipani, S, PG Parker & TC Jones. DNA fingerprinting to verify female mate preference in domestic strains of the guppy (*Poecilia reticulata*). ISCABER Conference, Columbus, OH, 1994.

**Presentations by Students ‡ Graduate student \* Undergraduate student**

Price JB‡, & TC Jones. Neurochemical correlates of behavior in local docile and aggressive variants of the subsocial spider, *Anelosimus studiosus*, as related to nutritional state, reproductive state, and time of day. 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark

Herrig A\*, JC Watts‡, D Moore, & TC Jones. Diel rhythms in web-building behavior in the orb weaving spider *Cyclosa turbinata* (Araneae: Araneidae). 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark

Watts JC‡, A Herrig\*, S Normark‡, M Miller\*, & TC Jones. Ecological implications of diel rhythms of foraging and antipredator behavior in *Cyclosa turbinata* (Araneae: Araneidae). 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark

Hancock NQ\*, A Quijano\*, M Largent\*, E Seier, M Joyner, & TC Jones. Spacing of juvenile spiders in subsocial webs of *Anelosimus studiosus* (Araneae: Theridiidae) in relation to the presence or absence of an adult female. 2014 Meeting of the American Arachnological Society, June 20-24 The Ohio State University at Newark.

Watts JC‡, Herrig A\*, Allen W\*, Moore D, Jones TC Diel patterns of foraging aggression and Antipredator behavior in the trashline orb-weaving spider *Cyclosa turbinata*. Appalachian Student Research Forum, 2014 (**Winner: Best MS Candidate Talk, Natural Sciences**)

Price J‡, Jones TC Neurochemical correlates of behavior in local docile and aggressive variants of the subsocial spider *Anelosimus studiosus*. Appalachian Student Research Forum, 2014 (**Winner: Best Ph.D Candidate Talk, Society, Behavior and Learning**)

Herrig A\*, Watts JC‡, Moore D, Jones TC Diel rhythms in web-building behavior in the orb weaving spider *Cyclosa turbinata* (Araneae: Araneidae). Appalachian Student Research Forum, 2014 (**Runner-up: Undergraduate Natural Sciences, Poster**)

Watts JC‡, Herrig A\*, Allen W\*, Moore D, Jones TC Chronoethology of *Cyclosa turbinata* American Arachnological Society Meeting, 2013, ETSU (**Runner-up: Best Oral Presentation**)

Watts JC\*, Ross CR\*, Joyner M, Seier E, Jones TC Ecological Implications of Diel Rhythms of Aggression in the Subsocial Spider *Anelosimus studiosus* (Araneae: Theridiidae) Appalachian Student Research Forum, 2013 (**Winner: Best Undergraduate Poster Natural Sciences**)

- Ross CR\*, Watts JC\*, Seier E, Joyner M, Jones TC Temporal and spatial positioning for foraging optimization in subsoical *Anelosimus studiosus* (Araneae: Theridiidae). American Arachnological Society Meeting, 2013, ETSU
- Price J‡, Jones TC, Roane DS, Pruitt JN‡, Riechert SE. Neurochemical levels correlate with population level differences in social structure and individual behavior in the polyphenic spider *Anelosimus studiosus*. 2012 American Arachnological Society Meeting, Green Bay, WI (**Winner: Best Oral Student Presentation**)
- Watts JC\*, Ross CR\*, Joyner M, Seier E, Jones TC Ecological Implications of Diel Rhythms of Aggression in the Subsocial Spider *Anelosimus studiosus* (Araneae: Theridiidae), Entomological Society of America Meeting, 2012
- Ross CR\*, Watts JC\*, Seier E, Joyner M, Jones TC Temporal and spatial positioning for foraging optimization in subsoical *Anelosimus studiosus* (Araneae: Theridiidae). Entomological Society of America Meeting, 2012
- Wolf EM‡, Jones TC, Moore DJ. Diel periodicity in activity and location in the web of the common house spider (*Achaearanea tepidariorum*). 2011 American Arachnological Society Meeting, Portland, OR
- Hauser CK\*, Akoury TS\*, Moore D, Jones TC. Evidence for circadian rhythm and the role of serotonin in antipredator behavior in a nocturnal spider, *Larinioides cornutus* (Araneae; Araneidae) American Arachnological Society Meeting, 2010, Greenville SC
- Price JS‡, Jones TC, Roane DS. Octopamine correlates with population level differences in social structure in the polyphenic spider *Anelosimus studiosus*. American Arachnological Society Meeting, 2010, Greenville SC
- Price JS‡, TC Jones, & DS Roane. Octopamine levels correlate with population level differences in the polyphenic spider *Anelosimus studiosus*. Society for Neuroscience Meeting, San Diego, November, 2010
- Weber NO‡, TC Jones, & SE Riechert. Phylogenetic analysis of populations exhibiting alternate social structure in *Anelosimus studiosus*, Araneae, Theridiidae. American Arachnological Society Meeting, Arkansas Tech University, July, 2009
- Price JS‡, TC Jones, & DS Roane. Neurochemical underpinnings of behavior and social structure in the cooperative spider *Anelosimus studiosus*. American Arachnological Society Meeting, Arkansas Tech University, July, 2009
- Linville BJ\*, Jones TC. Environmental factors contributing to colony success in social spider system. Appalachian Student Research Forum 2008. (**Runner-up: Undergraduate Natural Sciences, Poster**)
- Perkins TA\*, Riechert SE, Jones TC. Interactions between the social spider *Anelosimus studiosus* (Araneae, Theridiidae) and foreign spiders that frequent its nests. UT Poster Exhibition of Undergrad Research 2005.
- Dalrymple SE\*, Riechert SE, Jones TC. The effect of temperature on the developmental rate of a subsocial spider, *Anelosimus studiosus*. UT Poster Exhibition of Undergrad Research 2005. (**Winner: Biological Sciences Division**)

## THESES

- Jones, TC. 2000. Causes and consequences of delayed dispersal in a cooperative spider. PhD. Dissertation. The Ohio State University
- Jones, TC. 1993. Morphometric studies of euryhalinity and systematics in marine *Euplotes*. M.S. Thesis. Cleveland State University.

Jones, TC. 1990. A taxonomic study of certain small marine ciliates in the genus *Euplotes*. Undergraduate Honors Thesis. Cleveland State University.

## **AWARDS**

2011-2012 ETSU College of Arts and Sciences Distinguished Teaching Award.

2000 Award for the Outstanding Spoken Presentation at a Regional, National, or International Meeting, Dept. of Evolution, Ecology, and Organismal Biology, The Ohio State University.

1998-99 Teaching Excellence Award, Introductory Biology Program, The Ohio State University.

## **GRANTS**

2013-2016 NSF IOS-7278284 \$415,000 Spiders on the clock: the ecological implication and neurohormonal underpinnings of circadian rhythm in foraging and antipredator behavior. TC Jones (PI), D. Moore & D Roane (Co-PIs).

2011-2015 NSF IBN-1128954, \$229,000. UBM-Group: Collaborative Research on the Arthropod Way of Life (CRAWL): Interdisciplinary Training in Mathematical Biology, with D. Moore (PI), T. Jones, K Joplin, E. Seier, M Joyner (Co-PIs).

2010-2012 NSF CCLI Grant, IBN-0941968, \$50,000. Virtual ecology: an inquiry-based online learning environment, with TF Laughlin, AL Govett Co-PIs.

2008-2010 HHMI grant, \$1,700,000. SYMBIOSIS: developing an integrated biology and math curriculum co-PI with Joplin, Kumar, Seier, Helfgott, Nicely, & Miller

2007 ETSU RDC Small Grant, \$1200

2007 ETSU Honors College Student-Faculty Collaborative Grant, \$420, with Michael Sherburne

2007 ETSU Honors College Student-Faculty Collaborative Grant, \$500, with Jessica Pruitt

2007-2008 ETSU RDC Major Grant, \$9000 with David Roane

2006 ETSU Honors College Student-Faculty Collaborative Grant, \$1000, with Jennifer Bannister

2006 ETSU Honors College Student-Faculty Collaborative Grant, \$1000, with Nathan Weber

2006-2007 THEC Improving Teacher Quality, Biology in a Box: A Student-Active Learning Project. \$70,000, with SE Reichert.

2003-2006 NSF Grant, IBN-0235311, \$340,000, co-PI with SE Reichert.

2003-2004 THEC Improving Teacher Quality, Biology in a Box: A Student-Active Learning Project. \$70,000, with SE Reichert & S. Guffey.

2001-2002 THEC Dwight D Eisenhower, Biology in a Box: A Student-Active Learning Project, \$52,600, with SE Reichert & S. Guffey.

1998 Sigma Xi, \$1000

## **Pending**

## **PROFESSIONAL SOCIETIES**

American Arachnological Society

Animal Behaviour Society

American Association of Biology Teachers

## **TEACHING ACTIVITIES**

### **Courses Developed (ETSU)**

General Biology III (BIOL1130)  
Invertebrate Zoology (BIOL3460)  
Arachnology (BIOL 4957)  
Integrated Biology & Calculus (IBMS 1200)  
Graduate Topics: Behavioral Ecology (BIOL 5300)  
Graduate Topics: Neurohormones and behavior (BIOL 5300)

### **Lectureships**

Evolution, 1996 (EEOB400, OSU)  
Introductory Biology, 1999 (BIO101, OSU)  
Introductory Biology, 2000 (BIO101, OSU)  
Levels of Selection in Evolution (EEB 504, UT)  
General Biology I (Roane State Community College)  
General Biology II (Roane State Community College)  
Introductory Biology I (UT)  
Introductory Biology II (UT)

### **Teaching Assistantships**

Introductory Plant Biology (PB102, OSU)  
Tropical Field Ecology (EEOB H557, OSU)  
Theoretical Ecology I (EEOB 617, OSU)  
Social Behavior (EEOB 741, OSU)  
Evolution (EEOB 400, OSU)  
Honors Evolution (EEOB H400, OSU)  
Human Functional Anatomy (EEOB 235, OSU)  
Animal Form and Function (EEOB 405, OSU)  
Introductory Biology (BIO 114, BIO 101, BIO 102 [head TA], OSU)  
Ecology (CSU)  
Embryology (CSU)

### **Guest Lectures**

Evolution (EEB 460, UT)  
Human Functional Anatomy (ZOO 235, OSU)  
Honors Evolution (EEOB H400, OSU)  
Social Behavior (EEOB 741, OSU)  
Introductory Plant Biology (PB 102, OSU)  
Conservation Genetics (EEOB 405, OSU)

### **Students Mentored in Research**

**Undergraduate** (at ETSU unless noted)  
Anthony Fumera 1997 (OSU)



Ann Reynolds 1998 (OSU)  
T. Alex Perkins 2004 (UTK)  
Sarah Dalrymple 2004 (UTK)  
Nathan Weber 2006-2007  
Jennifer Bannister 2006-2007  
Michael Sherburne 2006-2007  
Angela Cowert 2006-2008  
Brent Linville 2006-2008  
Aprele Fitzgerald 2006  
Jennifer Price 2007  
T. Chris Brown 2008-2009  
Tamer Akoury 2009-2010  
Christopher Hauser 2009-2010  
Elise Wolf 2009-2010  
Chelsea Ross 2011-2012  
J. Colton Watts 2011-2012  
Nathaniel Hancock 2013-present  
Alex Quijano 2013-2014  
William Allen 2013  
Michael Largent 2013-2014  
Ashley Herrig 2013-2014  
Madeliene Miller 2014-present

### **Graduate**

Nathan Weber (MS) 2008-2010  
Jennifer Price (MS) 2009-2010  
Brent Linville (MS) 2009-2011  
Jennifer Price (PhD) 2011-present  
J. Colton Watts (MS) 2012-2014  
Rebecca Wilson (PhD) 2013-present  
Sara Normark (MS) 2014-present  
Ashley Herrig (MS) 2015-present

### **MS Graduate Committees (Committee Chair in parentheses)**

Sam Boyd (Moore) 2008-2009  
Jennifer Johnson (Moore) 2008-2009  
Byron Van Nest (Moore) 2008-2009  
Ken McDonald (Yampolsky) 2008-2009  
Andrea Edge (Moore) 2008-2010  
Petra Seka (Zavada/Liu) 2011-2013  
Rafiat Bello (Laughlin) 2013-present  
Larry Bowman (Yampolsky) 2012-2014  
Preethi Sathanantham (Kumar) 2014

## **SERVICE ACTIVITIES**

### **University, College, and Departmental service**

- CAS NIA Committee 2012-present
- University Curriculum Committee 2011-2014
- Faculty Council 2010-2011
- Museum Education Coordinator Search Committee 2007
- Biological Sciences Graduate Committee 2006-present
- Biological Sciences Honors Committee 2006-present
- Biological Sciences Graduate Awards Committee 2007
- BioSci/Math PhD Committee 2007
- Judge, awards panel for best presentations Appalachian Research Forum 2008
- Judge, Science Fair 2007-present
- Judge, Science Olympiad 2007-present

### **Professional society service**

- Host for the meeting of the American Arachnological Society 2013
- American Arachnological Society Marketing Committee 2007-2009
- American Arachnological Society Education Committee 2009-present