

Avery L. Russell

Department of Biology
Missouri State University
110 Temple Hall
Springfield, MO 65897, USA

tel: (607) 220-4432
email: alr204@pitt.edu
[Google Scholar](#) [Website](#) [Twitter](#)
ORCID: 0000-0001-8036-2711

EDUCATION

Ph.D.	Insect Science, minor in Neuroscience, Graduate Interdisciplinary Program in Entomology and Insect Science, University of Arizona, AZ. Dissertation Title: Mechanisms of floral specialization by pollen-foraging bumblebees Major Advisor: Daniel R. Papaj	Dec 2016
B.S.	Double major: Entomology & Plant Sciences, College of Agriculture and Life Sciences. GPA: 3.759, Cornell University, Ithaca, NY. <i>Magna cum laude</i> , with honors in Entomology	May 2011

RESEARCH APPOINTMENTS

Assistant Professor of Evolutionary Biology , Department of Biology, Missouri State University, MO	Fall 2019-present
Pittsburgh Ecology and Evolution Postdoctoral Fellow , University of Pittsburgh, PA PIs: Dr. Tia-Lynn Ashman and Dr. Corinne Richards-Zawacki	Spring 2017-Fall 2019
Graduate Research Associate , NSF-funded, University of Arizona, AZ PIs: Dr. Anne Leonard, Dr. Dan Papaj, Dr. Wulfila Gronenberg, and Dr. Steve Buchmann	S 2014-S 2015, S 2016
Graduate Research Assistant , University of Arizona, AZ PIs: Dr. Anne Leonard, Dr. Daniel Papaj, Dr. Steve Buchmann, and Dr. Wulfi Gronenberg	Summer-Fall 2012
Undergraduate Researcher , Cornell University, NY PI: Dr. Cole Gilbert	Fall 2007-Summer 2011
Laboratory Assistant , Cornell University, NY Supervisor: Dr. Linda Rayor	Summer 2008

GRANTS, AWARDS, & HONORS**Grants & Fellowships**

Assessment of Student Learning Grant	\$500	Fall 2021
Faculty Research Grant	\$7500	Spring 2021
Assessment of Student Learning Grant	\$500	Summer 2020
Council on Undergraduate Research, Biology Division, Research Supply Grant	\$250	Spring 2020
Assessment of Student Learning Grant	\$500	Fall 2019
Early Career Research Fellowship, UP with co-PI Dr. Na Wei	\$10000	Spring 2018
Pittsburgh Ecology and Evolution Postdoctoral Fellowship, UP	\$145779	Spring 2016
GPSC Travel Grant, UA	\$750	Fall 2015
GPSC Research and Project Grant, UA	\$2000	Spring 2015
GPSC Travel Grant, UA	\$750	Spring 2015
GPSC Research and Project Grant, UA	\$1000	Spring 2014
National SMART Grant, CU	\$4000	2009-2010
Academic Competitive Grant SO, CU	\$2050	2008-2009

Awards & Honors

MSU College of Natural and Applied Sciences Diversity Award		Spring 2021
Diversity Scholar Stipend Award	\$250	Fall 2019
International Society for Behavioral Ecology Travel Award	\$500	Spring 2018
XI International Symposium on Pollination Scholarship	€650	Spring 2018
Pacific Branch Entomological Society of America Photo Salon Most Outstanding Photo	\$50	Spring 2017

ABS 2017 Allee Symposium paper finalist		Spring 2017
Second Place Winner of the ICE2016 Graduate Student Oral Competition		
Section: Apidology, Sericulture, and Social Insects: Honey Bees I		Fall 2016
SICB 2017 Division of Animal Behavior Best Student Presentation Competition Finalist		Fall 2016
CIS Travel Award, UA	\$600	Fall 2016
Laurence A. Carruth Award, UA	\$1000	Summer 2016
Herbert E. Carter Travel Award, UA	\$600	Summer 2016
Environmental Graduate Student Travel Award, UA	\$300	Summer 2016
Animal Behavior Society Graduate Student Travel Award	\$500	Summer 2016
Environmental Graduate Student Travel Award, UA	\$500	Fall 2015
Poster chosen for GIDP Student Research Showcase, UA		Fall 2015
SICB 2016 Division of Animal Behavior Best Student Presentation Competition Finalist		Fall 2015
CIS Travel Award, UA	\$500	Fall 2015
GIDP Teaching Associateship, UA (two awardees per semester)		Fall 2015
R.F. Chapman Graduate Student Prize for Research in Insect Science, UA	\$1000	Summer 2015
Pacific Branch Entomological Society of America Student Travel Award	\$300	Spring 2015
Herbert E. Carter Travel Award, UA	\$600	Fall 2014
Sigma Xi Scientific Research Society Certificate of Recognition		
For best presentation in Behavioral and Social Sciences		Fall 2014
EIS Grad Student Research Support Award, UA	\$2000	Spring 2014
CIS Travel Award, UA	\$500	Spring 2014
Poster abstract finalist in EIS GIDP Showcase Poster Competition, UA		Fall 2013
GIDP Teaching Assistantship, UA (two awardees per semester)		Fall 2012
Honorable Mention, N.S.F. Graduate Research Fellowship Program, UA		Spring 2012
Charles A. Ring Memorial Award, CU	\$150	Spring 2011
Dean's List (every semester), CU		2007- 2011
Albert C. Murphy Scholarship, CU		2007- 2011
Boyce '26 Alfred Mullikin Scholarship, CU		2007- 2011
Hilda K. Karns Scholarship, CU		2007- 2011
CALS Undergraduate Honors Program, CU		2010
Rawlings III Cornell Presidential Research Scholars Program	\$5000	2009
Cornell Hughes Scholars Program	\$15180	2009
FASFA Award for Academic Achievement, CU		2009

PUBLICATIONS

[UG]Undergraduate, [G]Graduate, [T]lab technician, †Co-first author *Journal Impact Factors and Google Scholar Citations as of Feb 2022*
 Lab members underlined

23. Jankauski, M., Ferguson, R. [UG], **Russell, A. L.**, Buchmann, S. L. 2022. Structural dynamics of real and modeled *Solanum* stamens: Implications for pollen ejection by buzzing bees. *Journal of the Royal Society Interface*. **Journal impact factor: 4.5; Citations: 0**
22. Crowley, B.[G], **Russell, A.L.** 2021. Nectar bacteria grow by germinating and bursting pollen. 31, R1120-R1122 *Current Biology*. Invited Dispatch. **Journal impact factor: 9.6; Citations: 0**
21. **Russell, A.L.**, Fetters, A.M.[G], James, E.I.[UG], Ashman, T.-L. 2021. Pollinator effectiveness is affected by intraindividual behavioral variation. *Oecologia*. 197: 189-200 **Journal impact factor: 3.0; Citations: 0**
20. **Russell, A.L.** †, Sanders, S.R.[UG] †, Wilson[UG], L.A., Papaj, D.R. 2021. The size of it: Variation in flower size does not influence visitation by bees to deceptive floral mimics. *Frontiers in Ecology and Evolution, Sensory Ecology of Plant-Pollinator Interactions* special issue. **Journal impact factor: 4.2; Citations: 0**
19. Nevard, L.[G], **Russell, A. L.**, Foord, K., Vallejo-Marín, M. 2021. Transmission of bee-like vibrations in buzz-pollinated plants with different stamen architectures. *Scientific Reports*. 11, 13541 **Journal impact factor: 3.2; Citations: 2**

18. Rico-Guevara, A., Hurme, K. J., Elting, R., **Russell, A.L.** 2021. Bene‘fit’ assessment in pollination coevolution: mechanistic perspectives on hummingbird bill-flower matching. *Integrative and Comparative Biology*. 1-15. **Journal impact factor: 2.1; Citations: 4**
17. Wei, N.†, **Russell, A.L.**†, Jarrett, A.R., Ashman, T.-L. 2021. Plant-visitor interactions mediate floral microbial diversity and network in response to agrichemical disturbance. *Molecular Ecology*. 30: 2235-2247 **Journal impact factor: 5.2; Citations: 2**
16. **Russell, A.L.**, Kikuchi, D.W., Noah, W.G.[G], Papaj, D.R. 2020. Sensory bias and signal detection tradeoffs maintain intersexual floral mimicry. *Philosophical Transactions of the Royal Society B* special issue. 375: 20190469 **Journal impact factor: 6.1; Citations: 5**
15. Rebolleda-Gomez, M., Forrester, N.[G], **Russell, A.L.**, Wei, N., Fetters[G], A., Stephens, J., Ashman, T.-L. 2019. Gazing into the anthosphere: Considering how microbes influence floral evolution. *New Phytologist* special issue. 224: 1012–1020 **Journal impact factor: 7.3; Citations: 29**
14. **Russell, A.L.**, Rebolleda-Gómez, M., Shaible, T.S.[UG], Ashman, T.-L. 2019. Movers and shakers: bumble bee foraging behavior shapes the dispersal of microbes among and within flowers. *Ecosphere*. 10: e02714. **Journal impact factor: 2.7; Citations: 19**
13. Switzer, C.[G], **Russell, A.L.**, Papaj, D.R., Combes, S., Hopkins, R. 2019. Sonicating bees demonstrate flexible pollen extraction without instrumental learning. *Current Zoology*. 65: 425-436 **Journal impact factor: 2.4; Citations: 13**
12. **Russell, A.L.**, Ashman, T.-L. 2019. Associative learning of flowers by generalist bumble bees can be mediated by microbes on the petals. *Behavioral Ecology*. 30: 746-755 **Journal impact factor: 3.3; Citations: 24**
11. **Russell, A.L.**, Papaj, D.R., Sabino, W.d.O. & Buchmann, S.L. 2018. Brawls bring buzz: male size influences competition and courtship in the solitary bee, *Diadasia rinconis*. *Journal of Insect Science*. 18: 1-11 **Journal impact factor: 1.3; Citations: 2**
10. Cardinal, S., Buchmann, S.L., & **Russell, A.L.** 2018. The evolution of floral sonication, a pollen foraging behavior used by bees (Anthophila). *Evolution*. 72: 590-600 **Journal impact factor: 3.8; Citations: 77**
9. **Russell, A.L.**, Mauerman, K.[UG], Golden, R.E.[UG], Papaj, D.R. 2018. Linking components of complex signals to morphological part: the role of anther and corolla in the complex floral display. *Animal Behaviour*. 135: 223-236 **Journal impact factor: 3.1; Citations: 7**
8. **Russell, A.L.**, Buchmann, S.L., & Papaj, D.R. 2017. How a generalist bee achieves high efficiency of pollen collection on diverse floral resources. *Behavioral Ecology*. 28: 991-1003 **Journal impact factor: 3.3; Citations: 35**
7. Papaj, D.R., Buchmann, S.L., & **Russell, A.L.** 2017. Division of labor of anthers in heterantherous plants: Flexibility of bee pollen collection behavior can act to keep plants honest. *Arthropod-Plant Interactions* special issue **Journal impact factor: 1.6; Citations: 18**
6. **Russell, A.L.**, Morrison, S.J., Moschonas, E.H.[UG], & Papaj, D.R. 2017. Patterns of pollen and nectar foraging specialization by bumblebees over multiple timescales using RFID tracking. *Scientific Reports*. 7:42448 **Journal impact factor: 4.1; Citations: 42**
5. **Russell, A.L.**, Leonard, A.S., Gillette, H.D.[UG], & Papaj, D.R. 2016. Concealed floral rewards and the role of experience in floral sonication by bees. *Animal Behaviour*. 120: 83-91 **Journal impact factor: 3.1; Citations: 30**
4. **Russell, A.L.**, Newman, C.R.[UG], & Papaj, D.R. 2016. White flowers finish last: Pollen-foraging bumble bees show biased learning in a floral color polymorphism. *Evolutionary Ecology, Plant-Animal Communication* special issue. 31: 173-191 **Journal impact factor: 2.1; Citations: 8**
3. Stanley, D., **Russell, A.L.**, Morrison, S.J., Rogers, C., & Raine, N.E. 2016. The impacts of field-realistic exposure to a neonicotinoid pesticide on bumblebee foraging and homing ability. *Journal of Applied Ecology*. 53: 1440-1449 **Journal impact factor: 5.7; Citations: 111**

2. **Russell, A.L.** & Papaj, D.R. 2016. Artificial pollen dispensing flowers and feeders for bee behaviour experiments. *Journal of Pollination Ecology*. 18: 13-22 **Journal impact factor: 1.9; Citations: 25**

1. **Russell, A.L.**, Golden, R.E.[UG], Leonard, A.S. & Papaj, D.R. 2016. Bees learn preferences for plant species that offer only pollen as a reward. *Behavioral Ecology*. 27: 731-740 **Journal impact factor: 3.3; Citations: 30**

In review or in preparation:

Vallejo-Marín, M., Nunes, C.E.P., **Russell, A.L.** Anther cones increase pollen release in buzz-pollinated *Solanum* flowers. *Submitted*.

Papaj, D.R., **Russell, A.L.** Floral preference and the pattern of switching in the eastern bumble bee, *Bombus impatiens*. *In-prep*.

Yeager J.†, **Russell A.L.**†, Donato E.V., Dugas M.B. & Richards-Zawacki C.L. The role of natural selection and predator learning in the maintenance of poison frog color polymorphism. *In-prep*.

Mauerman, K.[UG], Papaj, D.R., & **Russell, A.L.** Flexible foraging by bumblebees on flowers offering pollen and nectar. *In-prep*.

Theses:

Russell, A.L. 2016. Mechanisms of floral specialization by pollen-foraging bumblebees. Doctoral Dissertation presented to the Graduate Interdisciplinary Program in Entomology and Insect Science, UA.

Russell, A.L. 2011. Serial homology in the coxal proprioceptive-motor system in a flesh fly (Diptera: Sarcophagidae). Honors Thesis presented to the College of Agriculture and Life Sciences, Entomology, CU.

RESEARCH PRESENTATIONS

[UG]Undergraduate, [G]Graduate, [T]lab technician Total: 59; Invited: 25; Conferences: 25 talks, 4 posters

Invited Talks:

Russell, A.L. 2021. *Biological Sciences Departmental Seminar*, Northern Arizona University, Flagstaff, AZ.

Russell, A.L. 2021. *Biology Seminar Series*, University of Missouri, St. Louis, MO.

Russell, A.L. 2021. *Physical Mechanisms of Behavior, Society for Integrative and Comparative Biology*, virtual conference.

Russell, A.L. 2020. *Microbes, Too! Microbe-produced Semiochemicals as Mediators of Species Interactions*, *Entomology Society of America*, virtual conference.

Russell, A.L. 2020. *Missouri Native Plants* chapter meeting seminar, Springfield, MO.

Russell, A.L. 2019. *Summer Seminar Series*, Blandy Experimental Farm, University of Virginia, VA.

Russell, A.L. 2019. *Evolutionary Biomechanics: Form, function and ecological interactions in animals and plants*, *Evolution*, Providence, RI.

Russell, A.L. 2019. *Science Café series*, Atlanta Botanical Garden, GA.

Russell, A.L. 2019. *Insect Pollinators in the Human-Modified Landscape*, *Eastern Branch ESA meeting*, Blacksburg, VA.

Russell, A.L. 2019. *Biology Seminar Series*, Missouri State University, MO.

Russell, A.L. 2018. *Biodiversity Symposium*, Ruhr-Universität Bochum, GE.

Russell, A.L. 2018. *XI International Symposium on Pollination*. Berlin, GE.

Russell, A.L. 2018. *Entomology Seminar Series*, Pennsylvania State University, PA.

Russell, A.L. 2017. *Biology Seminar Series*, Bucknell University, PA.

Russell, A.L. 2017. *Pymatuning Laboratory of Ecology Seminar Series*, Linesville, PA.

Russell, A.L., Buchmann, S.L., Papaj, D.R. 2017. *Allee Symposium*, *Animal Behavior Society*, Toronto, ON.

Russell, A.L. 2017. *Spring 2017 Biology Seminar Series*, Muhlenberg College, PA.

Russell, A.L., Newman, C.R.[UG], Papaj, D.R. 2017. *Advances in Understanding Floral Specialization in Bees symposium*, *Pacific Branch ESA meeting*, Portland, OR.

Russell, A.L. 2016. *PEEP Fellowship seminar*, Department of Biological Sciences, Pittsburgh, PA.

Russell, A.L. 2016. Arnold Arboretum, Harvard University. Cambridge, MA.

- Russell, A.L.**, Papaj, D.R. 2015. *Data Blitz*, Department of Neuroscience, Tucson, AZ.
- Russell, A.L.**, Leonard, A.S., Papaj, D.R. 2015. *Pollination Symposium, Pacific Branch ESA meeting*, Coeur d'Alene, ID.
- Russell, A.L.** 2015. *GradSlam presentation competition*, Tucson, AZ.
- Russell, A.L.**, Papaj, D.R. 2014. *Hexapodium seminar*, Center for Insect Science, Tucson, AZ.
- Russell, A.L.**, Leonard, A.S., Papaj, D.R. 2014. *Pollination Symposium, Pacific Branch ESA meeting*, Tucson, AZ.

Contributed Presentations:

- Russell, A.L.** 2022. *Society for Integrative and Comparative Biology*, Phoenix, AZ.
- Russell, A.L.**, Sanders, S.R., Wilson, L.A., Papaj, D.R. 2021. *Animal Behavior Society*, virtual conference.
- Russell, A.L.**, Rebolleda-Gómez, M., Fetters, A., Shaible, T., James, E. Ashman, T.L. 2019. *Animal Behavior Society*, Chicago, IL.
- Russell, A.L.**, Rebolleda-Gómez, M., Shaible, T., Ashman, T.L. 2019. *Molecular Evolution Laboratory Discussion (MELD)*, Pittsburgh, PA.
- Russell, A.L.**, Ashman, T.L. 2018. *Three Rivers Evolution Event (regional conference)*, Pittsburgh, PA.
- Russell, A.L.**, Ashman, T.L. 2018. *University of Pittsburgh, Department of Biological Sciences Retreat*.
- Russell, A.L.**, Ashman, T.L. 2018. *International Society for Behavioral Ecology*, Minneapolis, MN.
- Russell, A.L.**, Ashman, T.L. 2018. *Animal Behavior Society*, Milwaukee, WI.
- Russell, A.L.**, Wei, N. 2018. *Pymatuning Laboratory of Ecology Seminar Series*, Linesville, PA.
- Russell, A.L.** 2017. *Ecology & Evolution Department Seminar Series*, University of Pittsburgh, PA.
- Russell, A.L.**, Ashman, T.L. 2017. *Three Rivers Evolution Event (regional conference)*, Pittsburgh, PA.
- Russell, A.L.**, Papaj, D.R. 2017. *Building Our Methods Using Sound Science (bumble bee methods conference)*, Logan, UT. (Poster)
- Russell, A.L.**, Buchmann, S.L., Papaj, D.R. 2017. *Society for Integrative and Comparative Biology*, New Orleans, LA.
- Russell, A.L.** 2016. *Doctoral Dissertation Defense talk*, Tucson, AZ.
- Russell, A.L.**, Buchmann, S.L., Papaj, D.R. 2016. *International Congress of Entomology*, Orlando, FL.
- Russell, A.L.**, Buchmann, S.L., Papaj, D.R. 2016. *Animal Behavior Society*, Colombia, MI.
- Russell, A.L.**, Golden, R.E. [UG], Papaj, D.R. 2016. *23rd GPSC Student Showcase*, Tucson, AZ. (Poster)
- Russell, A.L.** 2016. *Entomology and Insect Science graduate student luncheon*, Tucson, AZ.
- Russell, A.L.**, Golden, R.E. [UG], Leonard, A.S., Papaj, D.R. 2016. *Society for Integrative and Comparative Biology*, Portland, OR.
- Russell, A.L.**, Golden, R.E. [UG], Papaj, D.R. 2015. *Graduate Interdisciplinary Program Student Research Showcase*, Tucson, AZ. (Poster)
- Russell, A.L.**, Golden, R.E. [UG], Papaj, D.R. 2015. *First Annual GPSC Grant Winner Exposition*, Tucson, AZ. (Poster)
- Russell, A.L.**, Leonard, A.S., Papaj, D.R. 2015. *Animal Behaviour Society*, Anchorage, AK.
- Russell, A.L.**, Leonard, A.S., Papaj, D.R. 2015. *Society for Integrative and Comparative Biology*, West Palm Springs, FL.
- Russell, A.L.**, Morrison, S.J., Papaj, D.R. 2014. *Sigma Xi International Research Conference*, Phoenix, AZ. (Poster)
- Russell, A.L.** 2014. *Entomology and Insect Science graduate student luncheon*, Tucson, AZ.
- Russell, A.L.**, Leonard, A.S., Stephen, L.B., Papaj, D.R. 2014. *International Society for Behavioral Ecology*, New York City, NY. (Poster)
- Russell, A.L.** 2014. *Entomology and Insect Science graduate student luncheon*, Tucson, AZ.
- Russell, A.L.** 2013. *Presentation to the public at the Tucson Insect Festival*, Tucson, AZ.
- Russell, A.L.**, Papaj, D.R. 2013. *Graduate Interdisciplinary Program Student Research Showcase - Poster Competition*, Tucson, AZ. (Poster)
- Russell, A.L.**, Gilbert, C. 2011. *RCPRS Senior Research Exposition*, Ithaca, NY. (Poster)
- Russell, A.L.**, Gilbert, C. 2011. *Jugatae Honors Thesis presentation*, Ithaca, NY.
- Russell, A.L.**, Paulk, A., Gilbert, C. 2010. *9th International Congress for Neuroethology*. Salamanca, Spain. (Poster)
- Russell, A.L.**, Gilbert, C. 2010. *25th Annual Spring Research Forum of the Cornell Undergraduate Research Board*, Ithaca, NY. (Poster)
- Russell, A.L.**, Gilbert, C. 2010. *Hughes Scholars presentation*, Ithaca, NY. (Poster)

Co-author on an additional 31 presentations: 20 by undergraduates, 5 by graduate students, 1 by a research technician, 1 by a postdoc.

TEACHING EXPERIENCE

Instructor of Record, Biology Seminar (BIO 302)	Designed and taught a career orientation seminar for undergraduates. Missouri State University, MO. Cap: 65 students.	Spring 2022
Instructor of Record, Introduction to Entomology (BIO 371)	Designed and taught an entomology class for undergraduates. Missouri State University, MO. Cap: 30 students.	Spring 2020, Fall 2020
Instructor of Record, Evolution (BIO 515/616)	Designed and taught an evolution class for graduate students and advanced undergraduates. Missouri State University, MO. Max Cap: 45 students/semester.	Fall 2019, Spring/Fall 2020
Instructor of Record, Plant-Animal Interactions (BIO 504/604)	Designed and taught a student-centered plant-animal interactions course for graduate students and advanced undergraduates. Missouri State University, MO. Cap: 20 students.	Fall 2019
Instructor of Record, Plant-Animal Interactions Graduate Course (Biosc 2540)	Designed and taught a student-centered advanced plant-animal interactions course. University Pittsburgh, PA. 12 students.	Spring 2019
Guest lecturer, Biology Seminar (BIO 301/302)	Gave two mini-lectures / semester to the ~150 undergraduate students in the course.	Fall 2019, 2021, Spring 2020
Guest lecturer, Population Biology (Biosc 1320)	Designed and taught a paper discussion for an undergraduate population biology course. University Pittsburgh, PA. 40 students.	Spring 2018
Instructor of Record, Behavioral Ecology Graduate Course (Biosc 2540)	Designed and taught a student-centered advanced behavioral ecology course. University Pittsburgh, PA. 5 students.	Fall 2017
Guest lecturer, Advanced Ecology Graduate Course (Biosc 2361)	Designed and taught "Mechanisms of floral specialization (by bees)" in Dr. Walter Carson's course. 5 students. University of Pittsburgh, PA	Fall 2017
Instructor of Record, Ecology 182 Lab (Introductory Biology II)	Taught two 25 student 2:50hour laboratory sections each week. Designed components of lectures and activities and all quizzes. University of Arizona, AZ	Spring 2013
Graduate Associate, Teaching for Geological Perspectives (Geos 170A1)	Taught weekly 2 hour study sessions and trained ~50 preceptors. Administered lecture activities and exams. University of Arizona, AZ	Fall 2012, Fall 2015
Undergraduate Assistant, Insect Biology Lab (Entom 2120)	Assisted in arthropod collecting trips, taught proper insect handling, identification, and preservation, and exam grading. 20 students. Cornell University, NY	Fall 2009

MENTORING

Research Mentoring - mentee statements on my efficacy available upon request
[UG]Undergraduate, [G]Graduate, [T]lab technician

Total: 32[UG], 2[G], 1[T]

Lab Mentees	Notable Achievements with the Lab	Role	Time Mentored
Annaliese Novinger [UG]		Faculty mentor	
Ciara Stewart [UG]		Faculty mentor	S2022 - present
Haley Muse [UG]		Faculty mentor	S2022 - present
Katie Naumer [UG]		Faculty mentor	F2021 - present
Rachel Wilkins [T]	2022 SICB (poster)	Faculty mentor	F2021 - present
Jenny Burrow [UG]		Faculty mentor	SU2021 - present
Kate Trebing [UG]	2021 CNAS Sarah Elsea Research Scholarship; 2021 Ozark Middle School outreach	Faculty mentor	SU2021 - present
Dalton McCart [UG]		Faculty mentor	SU2021 - F2021

Evelyn VanDenBerg [UG]		Faculty mentor	SU2021
Faith Dall [UG]	2021 Ozark Middle School outreach	Faculty mentor	F2020 - SU2021
Randie Rogers [UG]		Faculty mentor	F2020
Vanessa Morales [UG]	2020 INBRE (talk) honorable mention; 2021 CFM Minority Scholarship; 2021 MoLSAMP Undergraduate Research Symposium (poster) honorable mention; 2021 MAS (talk); 2021 MSU Outstanding Senior Award; 2021 accepted into Animal Behavior Society's Turner Program, Dartmouth's EEES Scholars Program, and Cornell's Diversity Preview Weekend; 2021 SACNAS (talk) Student Presentation Award	Faculty mentor	F2020 - S2021
Maggie Mayberry [G][UG]	2020 Ozark Middle School outreach; 2021 Sigma Xi Grant; 2021 Ozark Middle School outreach; 2021 Beekeepers Association of the Ozarks outreach; 2022 SICB (talk); 2022 MSU Thesis Funding Grant	Faculty mentor	SU2020 - present
Parker Campbell [G]	2021 SICB Grant; 2021 MSU Thesis Funding Grant; 2021 Springfield Conservation Nature Center outreach	Faculty mentor	SU2020 - present
Stephanie Sanders [UG]	2020 Sigma Xi Grant; 2021 co-authored paper	Faculty mentor	S2020 - S2021
Abilene Mosher [UG]	2020 TriBeta Honor Society research grant; 2020 CNAS Undergrad Research Symposium (poster) 2nd place; 2021 SICB (talk); 2021 TriBeta Research Symposium; 2021 OSU Summer Research Internship; 2022 SICB (talk)	Faculty mentor	F2019 - present
Liam Wilson [UG]	2021 co-authored paper	Faculty mentor	F2019 - F2021
Abigail Jarrett [UG]	2018 Pennsylvania Space Grant Consortium Research Scholarship; 2018 Pennsylvania Botany Symposium (poster); 2021 co-authored paper	Postdoc mentor	SU2018 - F2018
Tierney Shaible [UG]	2018 Market Science outreach; 2018 SciTech Festival outreach; 2018 Undergraduate Research Symposium; 2018 94th Annual Meeting of the Pennsylvania Academy of Science; 2019 co-authored paper	Postdoc mentor	SU2017- S2018
Nina Ascoli [UG]		Postdoc mentor	S2018
Ellie James [UG]	2019 Phipps BioBlitz outreach; 2021 co-authored paper	Postdoc mentor	S2019
Sarah White [UG]	2014 Insect Festival outreach	Grad mentor	SU2014 - SU2015
Eleni Moschonas [UG]	2015 Stem Fest outreach; 2015 EEB Undergraduate Poster Session; 2016 Stem Fest outreach; 2017 EEB Undergraduate Poster Session; 2017 co-authored paper	Grad mentor	SU2014 - F2016
Kevin Mauerman [UG]	2014 Insect Festival outreach; 2014 Leslie N. Gooding Research Scholarship; 2015 Insect Festival outreach; 2015 Stem Fest outreach; 2015 REU RMBL CO; 2015 EEB Undergraduate Poster Session; 2016 Stem Fest outreach; 2016 EEB Undergraduate Poster Session; 2016 Honors Research Thesis; 2018 co-authored paper	Grad mentor	SU2014 - S2016
China Rae Newman [UG]	2014 EEB Undergraduate Poster Session; 2014 Leslie N. Gooding Research Scholarship; 2015 Insect Festival outreach; 2015 Honors Research Grant; 2016 Honors	Grad mentor	S2014 - S2016

	Spirit of Inquiry Poster Session; 2016 23 rd GPSC Student Showcase (poster); 2016 Honors Exposition (poster); 2016 EEB Undergraduate Poster Session; 2016 Outstanding Senior; 2017 co-authored paper		
Tara Hall [UG]	2014 Insect Festival outreach	Grad mentor	S2014 - F2015
Rebekah Golden [UG]	2014 Insect Festival outreach; 2015 EEB Undergraduate Poster Session; 2016 co- authored paper; 2018 co-authored paper	Grad mentor	S2014 - S2015
Cynthia Trefois [UG]		Grad mentor	S2014 - F2014
Daniel Rojas [UG]		Grad mentor	S2014
Mary McIntosh [UG]		Grad mentor	S2014
Anna Venot [UG]		Grad mentor	S2014
Ross Ferreter [UG]		Grad mentor	S2014
Heather Gillette [UG]	2014 EEB Undergraduate Poster Session and 3rd prize winner; 2014 Insect Festival outreach; 2016 co-authored paper	Grad mentor	F2013 - SU2014

Masters' Students Committee Member

Caleb O'Neal	Fall 2020 - Spring 2021
David Fleshman	Fall 2019 - Fall 2020
Kerry Kassabaum	Fall 2019 – Summer 2021
Allison Sieja	Fall 2019 – Summer 2021
Eric Stegmann	Fall 2019 - Spring 2020
Sarah White	Fall 2019 - Spring 2021

Other Mentoring

Mentor for the ABS 2021 Virtual Meeting Mentoring Program	Summer 2021
Mentor for the ABS 2021 Turner Program	Summer 2021
Mentored student to curate MSU entomology collection	Spring 2021

Undergraduate Advising

Advisor for 20 undergraduates, Missouri State University, MO	Spring 2022
Advisor for 16 undergraduates, Missouri State University, MO	Fall 2021
Advisor for 12 undergraduates, Missouri State University, MO	Spring 2021
Advisor for 11 undergraduates, Missouri State University, MO	Fall 2020
Advisor for 1 undergraduate, Missouri State University, MO	Fall-Spring 2019

PROFESSIONAL AND ACADEMIC SERVICE

Session Chair for the Division of Animal Behavior Best Student Presentation (Marlene Zuk Award), Phoenix, AZ.	Winter 2022
Session Chair for Integrating Ecology and Biomechanics to Investigate Patterns of Phenotypic Diversity, Phoenix, AZ.	Winter 2022
Chair for the Division of Animal Behavior in the Society for Integrative and Comparative Biology	Winter 2022-present
Ad Hoc Graduate Assistantships Workgroup member	Fall 2021-present
Substitute Senator for a Missouri State University Faculty Senate meeting	Fall 2021
Associate Editor for the journal Arthropod-Plant Interactions (APIS)	Fall 2021-present
NSF Advance Grant Communication Plan representative	Fall 2021-present
Co-moderator for the ABS 2021 session "Smarts In The City: Cognition"	Summer 2021
Panelist for the Grad School Information Session at Animal Behavior Society 2021	Summer 2021
Co-organizer for the Animal Behavior Society 2021 Inclusive Mentoring Workshop Received \$4000 to organize a 2.5 hour (J.E.D.I.) workshop to improve inclusive mentoring. Invited speakers and panelists received honoraria	Summer 2021
Search Committee member for Visiting Assist. Professor, Missouri State University	Spring 2021
Advisor for the Missouri State University Bee Keeping Club	Spring 2021-present
Department of Biology Teaching Award Committee member	Spring 2021

Provost Diversity Committee co-chair, Missouri State University	Fall 2020-present
Ad Hoc Committee of the Faculty Handbook Revision Committee on New Language on Diversity and Inclusion member, Missouri State University	Fall 2020-Fall 2021
Inclusive Admissions Committee member, Missouri State University	Fall 2020-Spring 2021
Advocate for diversity, equity, and inclusion in graduate admissions at MSU	
Diversity Committee member, Animal Behavior Society	Spring 2020-present
Co-organizer for the Animal Behavior Society 2020 Cultural Competency Workshop	Summer 2020
Received \$2000 to organize a 1.5 hour workshop to improve cultural competency among researchers of all stages. Invited speakers had their registration waived	
CNAS Diversity Donuts Mixer co-host with other Diversity Committee faculty	Fall 2019
CNAS 3 Minute Thesis competition judge	Fall 2019
Judged Masters' presentations for advancement to university-wide competition	
CNAS Majors Fair, Department of Biology, Missouri State University	Fall 2019, 2021
Volunteer to provide information to students about biology and CNAS majors	
Wildlife Conservation and Management Committee member, Department of Biology, Missouri State University	Fall 2019-present
Discuss and address issues in this degree program	
Advisor for the Missouri State University Aerialist Club	Fall 2019-present
CNAS Diversity Committee member, Missouri State University	Fall 2019-present
Advocate for diversity, equity, and inclusion in the College of Natural and Applied Sciences	
CNAS Greenhouse Committee member, Missouri State University	Fall 2019-present
Co-organizer for the Animal Behavior Society 2019 Cultural Competency Workshop	Animal Behavior Society meeting 2019
Received \$1000 to organize with Cameron Jones and Montraí Spikes a 1.5 hour workshop to improve cultural competency among researchers of all stages. Two invited speakers, 6 panelists, 8 discussion exercise leaders, and 103 participants	
Guest speaker, General Biology (BIOSC 0067), University of Pittsburgh	Summer 2019
Answered student questions about flower microbiomes and pollinators	
Co-interviewee with Dr. Raine Kaczorowski for an Alderdice High School student	Summer 2019
Discussed climate change with student Sophia Connelly as part of her long term biology class project	
Course judge for Pittsburg Ecology and Evolution Postdoctoral fellowship applicants	Spring 2019
Scored the proposals of fellowship applicants	
Skype-in guest speaker, Biology of Sex Undergraduate Course (BIOL 3041), University of Cincinnati	Spring 2019
Answered student questions as part of the "Ask the Author" series	
Co-organizer for a <i>European Society for Evolutionary Biology 2019</i> symposium	ESEB 2019
"Eco-evolutionary feedback between pollinator behaviour and floral evolution"	
Selection of plant taxa for the Penn State University Arboretum Pollinators' Garden	Fall 2018-present
Serving as an expert consultant for choosing exhibit themes and taxa to plant	
Pollination outreach showcase, University of Pittsburgh retreat	Fall 2018
Outreach activities demonstration for the Department of Biological Sciences	
2018 Three Rivers Evolution Event committee member, UP	Summer-Fall 2018
Co-chair of the scientific programming committee and the diversity and inclusion committee. We had 193 registered attendees from 35 institutions and 12 states: 48 oral presentations, 99 poster presentations. Facilitated the diversity roundtable discussion. Conference URL: https://sites.google.com/view/treepgh	
Abstract judge, <i>International Society for Behavioral Ecology 2018</i>	Spring 2018
2017 Three Rivers Evolution Event organizing committee (1 of 6 members), UP	Summer-Fall 2017
<i>The 2017 Three Rivers Evolution Event</i> (TREE) is a regional evolution conference, sponsored by SBE and ASN. We had 168 registered attendees from 45 institutions: 48 oral presentations, 61 poster presentations. Conference URL: https://sites.google.com/view/tree2017	
Graduate Student Representative, Department of Entomology, UA	Spring 2014-Fall 2016
Attended monthly faculty meetings where served as a liaison and took minutes	
Pacific Branch Entomological Association of America volunteer	Spring 2015
Henry Hagedorn Speakership host & coordinator, Entomology & Insect Science, UA	Spring-Fall 2015
Organized all elements, from invitation to completion of visit	
Travel Grants Judge, Graduate Professional Student Council, UA	March 2015

President of the Entomology Graduate Student Association, UA

Organized and lead 14 1.5hr biweekly meetings of graduate students to discuss research, classes, funding, and outreach. Attended by 50% of the Entomology & Insect Science graduate student cohort.

Fall 2014-Spring 2015

Vice President of the Entomology Graduate Student Association, UA

Assisted in organization and advertising. Wrote public entomological blog posts

Fall 2013-Spring 2014

Reviewer for peer-reviewed journals and grant agencies

American Journal of Botany (2x), *Animal Behaviour* (3x), *Annals of Botany* (3x) (*Andrea Fetters), *Arthropod-Plant Interactions*, *Behavioral Ecology* (2x), *Biological Invasions*, *Biology Letters* (with Daniel Papaj), *BMC Biology*, *Current Biology*, *Ecological Entomology*, *Evolutionary Ecology*, *FEMS Microbiology & Ecology* (*Maria Rebolledo-Gomez), *Frontiers in Ecology and Evolution*, *Insectes Sociaux*, *ISME*, *Journal of Evolutionary Biology*, *Journal of Pollination Ecology*, *Journal of the Royal Society Interface*, *JoVE*, *Naturwissenschaften* (2x), *New Phytologist* (*Zach Portman), *New Phytologist* (with Daniel Papaj), *Oecologia* (with Daniel Papaj), *PeerJ* (4x), *Philosophical Transactions B*, *Plant Biology*, *PLoS One* (2x), *Scientific Reports*, *The American Naturalist*, *The Canadian Entomologist*, *Austrian Science Fund 2021 proposal*, *NSF-DEB 2017 proposal*, *NSF-DDIGs 2015*; [Publons.com peer review profile identifier](#)

Reviewer for 44 manuscripts or proposals

*Invited these co-reviewers

COMMUNITY ENGAGEMENT

POSITIONS HELD**Insect Discovery Graduate Associate, University of Arizona, AZ**

Led 50 Tucson classrooms in hands-on entomological activities. Reached 1200+ students, k-8th grade.

Fall 2013

Contributed to 4 ‘science nights’ at underserved Tucson schools to educate the public about entomology – each ‘science night’ received several hundred visitors.

Insect Festival Organizing Committee Member, University of Arizona, AZ

Part of the organizing committee for the Insect Festival. Chaired an Insect Festival presentation room.

Fall 2013

Naturalist Outreach Speakers Bureau member

Led ten Ithaca classrooms in hands-on entomological activities. Reached 200+ students, k-8th grade.

2010

OUTREACH EVENTS & PUBLIC TALKS**Entomology outreach at Ozark Middle School**

Co-led by lab members Maggie Mayberry and Faith Dall: 6th-8th grade students in two 80 minute entomology activities. 16 attendees.

Summer 2021

Beekeepers Association of the Ozarks

Gave bee and buzz pollination talk (with lab member Maggie Mayberry) to ~30 beekeepers

Spring 2021

Springfield Conservation Nature Center

Gave two plant-pollinator-microbe talks (with lab member Parker Campbell) to 26 Nature Center volunteers

Summer 2020

Entomology outreach at Ozark Middle School

Co-led (with lab member Maggie Mayberry) 6th-8th grade students in two 60 minute entomology activities. ~40 attendees.

Summer 2020

Discovery Center Springfield, Springfield, MO

Led 21 3rd-8th grade students in two 30 minute pollination activities

Spring 2020

Bee sociobiology and health talk to the Missouri State University Bee-Keeping Club

Spring 2020

Plants, Pollinators & People event hosted by the Nature Conservancy Western Ozark Water Coordinator, Sierra Club. Church of Unity, Springfield

Panelist (1 of 6) giving expertise on pollination ecology. ~100 attendees.

Spring 2020

BioBlitz at the Phipps Conservatory, Pittsburgh, PA.

Coordinator, volunteer, and pollinator-microbe-interactions booth designer. ~400

Summer 2019

attendees of BioBlitz, ~100 to our booth.

Market Science at the Bloomfield Saturday Market, Pittsburgh, PA.	Fall 2018
Coordinator, volunteer, and “Spooktacular Arthropods: Exo-skeleton Extravaganza” booth designer. ~90 attendees.	
Yough Intermediate/Middle School 12th Annual Science Fair, PA	Spring 2018
Coordinator and volunteer. The event introduced members of the rural public to pollination and entomology. ~75 attendees.	
Carnegie Science Center SciTech Days Festival, Pittsburgh, PA.	Spring & Fall 2017 & 2018
Co-coordinator, volunteer, and pollinator booth designer. Biannual. ~200 attendees/event.	
Market Science at the Bloomfield Saturday Market, Pittsburgh, PA.	Summer 2017
Coordinator, volunteer, and “Pollinators and Polli-nation” booth designer. ~100 attendees.	
Bee Thinking “Happ-bee Hour” public talk, Portland, OR.	Spring 2017
Invited public talk: “Getting buzzed: bee-havior and floral rewards”. 26 attendees.	
Avonworth Community Park, PA.	Spring 2017
Co-coordinator and volunteer. The event introduced the public to local pollinators and plant ecology. ~25 attendees.	
Public talk at the Tucson Insect Festival, Tucson, AZ	Fall 2016
Public talk: “How bees forage on flowers”.	
Arnold Arboretum Tree Mob – Pollinators Present, Harvard University, MA	Summer 2016
Co-led tour at the Leventritt Garden and concurrent discussion of local pollinators. ~15 attendees.	
Rincon Heights Community Garden Outreach, Tucson, AZ	Spring 2016
Led 45 elementary student sin hands-on pollinator activities.	
Presentation to the Tohono Chul Park docents, Tucson, AZ.	Spring 2016
Invited public talk: “Rewarding bee-havior”. ~30 attendees.	
Tucson Hebrew Academy annual STEM Festival, Tucson, AZ	2015-2016
Founder, coordinator, volunteer, and “Pollinator Booth” designer. ~500 attendees/yr.	
“After Dark” event at the Oregon Museum of Science and Industry	March 2016
Featured videos of our work on buzz pollination (NSF-funded)	
Tucson Festival of Books, University of Arizona, AZ	2012-2016
Introduced neuroscience to the public at the Annual Brain Works tent. ~1500 attendees/yr.	
Pollinator Paradise Booth, annual Arizona Insect Festival	2011-2016
Coordinator. 7000 total attendees/yr.	
Exhibit at the Oakland Museum of California - Bees: Tiny Insect, Big Impact.	2015
The exhibit features videos of our work on buzz pollination (NSF-funded)	
“Arachnophobia booth” booth at Flandrau Science Center’s Spooktacular Science	Fall 2014
Coordinator, volunteer and booth designer. ~50 attendees.	
“Brain Zoo” event at the Senita Valley Elementary School, Tucson, AZ	2012
Introducing neuroscience to the public. Volunteer.	
Insectapalooza, Cornell University, NY	2007-2010
Annual showcase of entomology. Volunteer. 3000 total attendees/yr.	

RESEARCH PRESS

Stand Out Early Career Professional – interview with Tim Vandervoet for the Entomology Society of America	May 25, 2021
URL: https://entomologytoday.org/2021/05/25/making-entomology-more-welcoming-avery-russell-standout-early-career-professional/	
CNAS NewsWatch – interview by Vanessa Morales with Ashley Lenahan	April 23, 2021
URL: https://blogs.missouristate.edu/cnas-newswatch/2021/04/22/supporting-diversity-and-management-of-natural-resources/	
CNAS NewsWatch – interview by Parker Campbell with Ashley Lenahan	April 9, 2021
URL: https://blogs.missouristate.edu/cnas-newswatch/2021/04/09/linking-bees-health-and-behavior/	
SICB – blog post on the Russell Lab by Amanda Puitiza	Mar 23, 2021
URL: https://integrativeandcomparativebiology.wordpress.com/2021/03/23/the-latest-buzz-on-bees/	
SICB – video interview with Taylor Huerman	Jan 1, 2021

- URL: https://twitter.com/ICB_journal/status/1345020680316792835
- CNAS NewsWatch** – interview with Ashley Lenahan Aug 6, 2020
URL: <https://blogs.missouristate.edu/cnas-newswatch/2020/08/06/bias-as-behavior-understanding-cultural-competency/>
- CNAS NewsWatch** – interview with Ashley Lenahan July 2, 2020
URL: <https://blogs.missouristate.edu/cnas-newswatch/2020/07/02/from-ploy-to-pollination-how-flowers-plant-tricks-on-bees/>
- KQEDscience Deep Look Earth Day Film Fest** – panelist and interview with Josh Cassidy April 23, 2020
URL: <http://www.youtube.com/watch?v=EKWjPcd2WHM>
- Springfield News-Leader** – interview with Gregory Holman Jan 14 2020
URL: <https://www.news-leader.com/story/news/local/ozarks/2020/01/14/coxhealth-ladybugs-postpone-surgeries-cox-medical-center-branson/4460000002/>
- KSMU Stem Spots** – interview with David Cornelison Aug 15, 2019
URL: <https://www.ksmu.org/post/springfield-researcher-studies-how-microbes-affect-pollination-0>
- Pittwire** – interview with Kimberly Barlow June 17, 2019
URL: <https://www.pittwire.pitt.edu/news/bee-friendly-pitt-sets-campus-abuzz>
- In Defense of Plants** – interview and podcast with Matt Candeias May 19, 2019
URL: <http://www.indefenseofplants.com/podcast/2019/5/19/ep-213-buzzing-bees-and-the-floral-microbiome>
- Entomology Today** – article and interview with Joe Rominiecki Sept 13, 2018
URL: <https://entomologytoday.org/2018/09/13/busy-bees-up-close-look-one-bee-species-scramble-mate-diadasia-rinconis/>
- University of Arizona News** – article and interview by Kristina Makansi April 5, 2018
URL: <https://research.arizona.edu/stories/new-study-reveals-evolution-sonicating-bees>
- Scientias** – article by Jente Ottenburghs April 3, 2018
URL: <https://www.scientias.nl/zoembevruchting-en-de-evolutie-van-zoemende-bijen/> July 26, 2017
- BioScience Talks - Society of Integrative and Comparative Biology podcast (@ 13:13)**
URL: <http://bioscienceaibs.libsyn.com/the-society-for-integrative-and-comparative-biology-2017-annual-meeting>
- University of Arizona News and EurekAlert!** - article and interview with Daniel Stolte June 29, 2017
URL: <https://uanews.arizona.edu/story/buzz-or-scrabble-foraging-bees-thats-question>
URL: https://www.eurekalert.org/pub_releases/2017-06/uoa-tbo063017.php
- The RFID Journal** - article and interview with Claire Swedberg Mar. 5th, 2017
URL: http://www.rfidjournal.com/articles/view?15748/&utm_medium%3Dnewsfeed_rss
- The Daily Wildcat** - article and interview with Rebekah Ulmer Mar. 3rd, 2017
URL: <http://www.wildcat.arizona.edu/article/2017/03/food-for-bees-foraging-patterns-in-bumblebees>
- Televisa Chapultepec** Mar. 2017
- Discovery Channel - Canada** Feb. 21, 2017
- Digital Trends** - article and interview with Dyllan Furness Feb. 21, 2017
URL: <http://www.digitaltrends.com/cool-tech/bumbebee-microchip/>
- University of Arizona News and EurekAlert!** - article and interview with Daniel Stolte Feb. 17, 2017
URL: <https://uanews.arizona.edu/story/scientists-use-bigbrother-technology-spy-bumblebees>
URL: https://www.eurekalert.org/pub_releases/2017-02/uoa-rub021717.php
- The New York Times Science** - article by Joanna Klein Dec. 2, 2016
URL: <http://www.nytimes.com/interactive/2016/12/02/science/bees-pollen-senses.html>
- Alibiflora** - article by Dr. Peter Zschunke Oct. 4, 2016
URL: <http://www.alibiflora.eu/blog/?p=1616>
- National Public Radio KJZZ 91.5** - on-air interview with Steve Goldstein Sept. 23, 2016
URL: <http://kjzz.org/content/369205/whats-behind-bees-buzz>
- The New York Times Science** - article and video with Robin Lindsay & James Gorman Sept. 5, 2016
URL: <http://www.nytimes.com/2016/09/06/science/bees-sonication.html>
- University of Arizona News** - article and interview with Robin Tricoles Apr. 4, 2016
URL: <https://uanews.arizona.edu/story/study-bees-pollenforaging-habits-could-create-buzz>

OTHER PRESS

- CNAS NewsWatch** – interview with Ashley Lenahan Aug 6, 2020
 URL: <https://blogs.missouristate.edu/cnas-newswatch/2020/08/06/bias-as-behavior-understanding-cultural-competency/>
- Springfield News-Leader** – interview with Gregory Holman Jan 14, 2019
 URL: <https://www.news-leader.com/story/news/local/ozarks/2020/01/14/coxhealth-ladybugs-postpone-surgeries-cox-medical-center-branson/4460000002/>

PROFESSIONAL AFFILIATIONS

Member

- | | |
|---|--------------|
| Society for the Study of Evolution | 2019-present |
| International Commission for Plant-Pollinator Relationships | 2018-present |
| Animal Behavior Society (ABS) | 2015-present |
| Full Member of Sigma Xi | 2014-present |
| Society for Integrative and Comparative Biology (SICB) | 2014-present |
| International Society for Behavioral Ecology (ISBE) | 2014-present |
| Entomological Society of America (ESA) | 2014-present |
| International Congress for Neuroethology (ISN) | 2010-present |