

# Meghan Elysse Moore

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## Education

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University of California, Riverside Sept 2019 - Present  
Riverside, CA  
Entomology, Ph.D.

Bowling Green State University May 2019  
Bowling Green, OH  
Neuroscience, M.A.  
Thesis: Vertical Navigation in the Whip Spider and Insights into Its Sensory Control

Baldwin Wallace University May 2017  
Berea, OH  
Neuroscience and Psychology, Biology Minor, Honors, B.S.  
Thesis: The Effects of Opioid Antagonism on Conditioned Place Preference using Social Reinforcement

## Research Experience

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June 2016 – August 2016	Bowling Green State University, Research Assistant University of Michigan Biological Station
August 2015 – May 2016	Baldwin Wallace University, Psychology Thesis Berea, OH Title: Auditory Influences on Socially Reinforced Running Behavior in Rats
May 2015- August 2015	Bowling Green State University, Research Assistant Bowling Green, OH
August 2013- May 2014	Baldwin Wallace, Student Lab Assistant Berea, OH

## Publications

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Moore, M. E., Weighman, K. K., Steele, A. N., Cordova, B., & Moore, P. A. (2020). Comparative analysis of the boundary layer filtering of odor signals in the amblypygid (whip spider) species *Paraphrynus laevifrons* and *Phrynus marginemaculatus*. *Journal of Insect Physiology*, 120.  
<https://doi.org/10.1016/j.jinsphys.2019.103984>

Kamran, M, Moore, M.E., Fisher A.M., Moore, P.A. (2019) Examination of Homing Behaviors in Two Species of Crayfish Following Translational Displacements, *Integrative Organismal Biology*, 1(1).  
<https://doi.org/10.1093/iob/obz008>

Kamran, M, Moore, M.E., Moore, P.A. (2018) Homing behavior following shelter displacement in two crayfishes, *Creaserinus fodiens* (Cottle, 1863) and *Faxonius rusticus* (Girard, 1852) (Decapoda: Astacidea: Cambaridae), *Journal of Crustacean Biology*, 38(5), 531–538. <https://doi.org/10.1093/jcbiol/ruy063>

## Presentations

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| January 2019  | Moore, M.E, Wiegmann, D.D., Bingman, V.P. Homing mechanisms in <i>Phrynos pseudoparvulus</i> (whip spiders). Society for Integrative and Comparative Biology.<br>Presenter |
| October 2018  | Moore, M.E, Wiegmann, D.D., Bingman, V.P. Navigation in Whip Spiders: A Look into the Sensory Mechanisms that Guide Homing<br>Presenter   Guest Lecture                    |
| April 2018    | Moore, M.E, Wiegmann, D.D., Bingman, V.P. Navigation in Whip Spiders: A Look into the Sensory Mechanisms that Guide Homing<br>Presenter   Guest Lecture                    |
| February 2018 | Moore, M.E., Wiegmann, D.D., Bingman, V.P. 2018. Comparative Analysis of Odor Discrimination in Whip Spiders. Ohio Academy of Science.<br>Presenter                        |

## Teaching Experience

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| September 2020 – Present | <b>University of California, Riverside, Teaching Assistant</b><br>Fall 2020      Insect Behavior   Virtual  |
| August 2017- Present     | <b>Bowling Green State University, Teaching Assistant</b><br>Spring 2019    Developmental Psychobiology<br>Fall 2018      Introduction to Neuroscience<br>Spring 2018    Behavioral Neural Biology<br>Fall 2017      Psychopharmacology |
| August 2016              | <b>Baldwin Wallace University, Course Assistant</b><br>Fall 2016 Abnormal Psychology  |

## Scientific Outreach

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| March 2018 | Science Olympiad, Bowling Green State University |
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September 2017 – Present Undergraduate Psychology Association Graduate Mentor,  
Bowling Green State University

August 2017 Eight Legged Encounters, Toledo Zoo  
Toledo, OH

## Honors and Awards

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2019 Dean's Distinguished Fellowship  
Riverside, CA

2018 Summer Research Scholar Program, Center for Undergraduate  
Research, Bowling Green State University  
\$2,500

## Work Experience

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August 2017 – June 2019 Professional MBA Program, Student Assistant  
Bowling Green State University

January 2014 – December 2014 Baldwin Wallace University, Resident Assistant  
Resident Assistant

January 2014 - December 2014 Baldwin Wallace University, Cyber Café  
Berea, OH

## Membership

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August 2018 – Present Society for Integrative and Comparative Biology

## Other Experience

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August 2017 – June 2019 Undergraduate Psychology Association Graduate Mentor  
Bowling Green State University

June 2016- August 2016 Introduction to Computer Programing Using Python, EDX  
Online, MITx-6.00.1x

May 2016 Study Abroad, Germany, Munich/Berlin  
Baldwin Wallace University

August 2015- December 2015 Ohio Guidestone, Therapy Dog Trainer  
Berea, OH

## References

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Dr. Dan Wiegmann, Academic Advisor, Department of Biological Sciences, Bowling Green State University  
Email: ddwiegm@bgsu.edu

Maryam Kamran, Co-Author, Department of Fisheries and Wildlife, Oregon State University  
Email: maryam.kamran@oregonstate.edu

Dr. Clare Mathes, Professor, Department of Psychology, Baldwin Wallace University  
Email: cmathes@bw.edu