

Daniel W. Schoenberg

561 Emma Dr. • Murray, KY 42071 • (402) 980-7493 • dschoenberg@murraystate.edu

Education & Training

2018 - Present	Murray State University	M.S. (major: Biology)
2015- 2018	University of Nebraska - Lincoln	B.S. (major: Biology)
2009-2011	University of Nebraska - Kearney	B.A. (major: Music Business)
2007-2009	Northeast Community College	A.A. (major: Music Education)

Honors & Awards

Watershed Studies Institute Scholarship, Murray State University, Summer 2019
S-STEM SUPERB Biodiversity Scholarship, Murray State University, Fall 2018 – Fall 2019
UCare Research Grant recipient, University of Nebraska - Lincoln, Summer 2017
UCare Research Grant recipient, University of Nebraska - Lincoln, Fall 2017-Spring 2018
Dean's List, University of Nebraska - Lincoln, Spring 2015

Presentations

Lecture presentation at the Animal Behavior Society conference, Summer 2019
Poster presentation at the S-STEM SUPERB scholarship conference, Summer 2019
Poster presentation at the UCARE research grant poster session, Spring 2018

Academic Research Experience

Graduate Research

Murray State University - Advisor: Dr. Laura Sullivan-Beckers

- Investigating mechanisms of sexual cannibalism avoidance by a male wolf spider - *R. rabida* (Family: Lycosidae) (August 2018 - Present)
 - Developed experimental protocol for trials
 - Currently collecting data

Undergraduate Research

University of Nebraska - Lincoln, Advisor: Dr. Eileen Hebets

- Mating rates and mating practices of the local fishing spider, *Dolomedes scriptus*. (Summer 2017 - August 2018)
 - Collected *D. scriptus* and maintained the population in lab
 - Conducted mating trials with *D. scriptus*
- Project with Rowan McGinley, Jay Stafstrom, Noori Choi (Fall 2017): Assisted with research on mating practices, natural history, and demographic characterizations of local web builder, *Argiope trifasciata*
 - Conducted field surveys of sex ratio and maturation rates
- Project with Dr. Eileen Hebets (Spring 2017): Assisted with research on learning capacity of amblypygids (Class: Arachnida, Order: Amblypygi).
 - Designed and built a Y-maze to conduct learning trials
 - Developed protocol for the trials
- Project with Colton Watts (Fall 2016): Assisted with technology development for behavioral assays to explore the ecological causes of geographic variation in male phenotype in a wolf spider, *Schizocosa crassipes*
 - Processed audio in Reason for playback experiments
 - Processed video in Adobe Premiere for playback experiments

Other Activities & Expertise

- Collected and processed water samples for Hancock Biological Station at Murray State University
 - Fall 2018-2019
- Trained in Scanning Electron Microscope use
 - Spring 2019 at Hancock Biological Station at MSU
- Built multiple experimental structures, arenas, and devices
- Collected salamanders, larval fishes, fresh water invertebrates, timber rattle snakes and bats by
 - Sein netting
 - Electro-shocking, surface tows
 - Dip netting
 - Road cruising
 - Mist netting
- Independent Musical Groups
 - Guitarist, bassist, and manager, Summer 2009 - August 2018
 - Wrote, recorded, and produced multiple albums, 2013 - August 2018
- Audio Technician
 - Professionally, April 2012 - January 2015
 - Semi-professionally, January 2015 - August 2018