

DeShae Dillard, PhD Student

Department of Entomology and Plant Pathology
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EDUCATION

Doctor of Philosophy, Entomology | Minor in Genetic Engineering and Society
North Carolina State University, Raleigh, NC August 2019 - Present

Bachelor of Arts, Biology | Concentration in Research
Gonzaga University, Spokane, WA August 2015 - December 2018

RESEARCH EXPERIENCE

Graduate Research Assistant June 2019 - Present
Dr. Dominic Reisig, North Carolina State University, Raleigh, NC

HHMI Undergraduate Research Assistantship June 2018 – December 2018
Dr. Gary Chang, Gonzaga University, Spokane, WA
Project title- *Impacts of Floral Resource Availability on the Foraging Behavior of Urban Pollinators*

HHMI Undergraduate Research Assistantship May 2016 - June 2018
Dr. Steven K. Schwartz, Gonzaga University, Spokane, WA
Project title- *Extended Copulation Duration and Monogamy in the Wolf Spider Schizocosa mccoocki*
Project title- *Diversity and Behavior of Lycosids and Pisaurids of the Inland Northwest*

POSTER PRESENTATIONS

Dillard, D. Mar 2019. Distribution of a territorial bee population on an urban campus and its response to augmented floral resources. Entomological Society of America Pacific Branch Meeting, San Diego, CA.

Dillard, D. Nov 2018. Impacts of Floral Resource Availability on the Foraging Behavior of Urban Pollinators. Murdock College Science Research Conference, Vancouver, WA.

Dillard, D. Oct 2018. Impacts of Floral Resource Availability on the Foraging Behavior of Urban Pollinators. Gonzaga Science Research Program Fall Family Weekend Poster Session, Spokane, WA.

Dillard, D. Oct 2017. Extended Copulation Duration and Monogamy in the Wolf Spider *Schizocosa mccoocki*. Gonzaga Science Research Program Fall Family Weekend Poster Session, Spokane, WA.

Dillard, D. Oct 2016. Diversity and Behavior of Lycosids and Pisaurids of the Inland Northwest. Gonzaga Science Research Program Fall Family Weekend Poster Session, Spokane, WA.

GRANTS

2019 Student Travel Award, Pacific Branch Entomological Society of America (\$400)

FELLOWSHIPS

- AgBioFEWS Interdisciplinary NSF Research Traineeship, North Carolina State University, July 2019 - Present (\$34,000)

- University Graduate Fellowship, North Carolina State University, Fall 2019 - Spring 2020 (\$4,000)
- Graduate School Diversity Enhancement Recruiting Fellowship, North Carolina State University, Fall 2019 – Spring 2020 (\$2,000)

TEACHING EXPERIENCE

Advanced Placement Biology

January - May 2018

Pre-Service Student Teacher, Lewis and Clark High School, Spokane, WA

Observed and analyzed teaching strategies employed by a cooperating mentor teacher in a secondary biology classroom. Focused on developing a deeper understanding concerning how application of academic language can impair or bolster the ability to comprehend complex scientific information.

SERVICE

NCSU Entomology Graduate Student Association

BugFest Volunteer, NC Museum of Natural Sciences, Raleigh, NC August 2019

Participated in an insect zoo booth that allowed spectators to handle and interact with a variety of invertebrates.

Entomological Outreach

2016 - 2018

Organizer, Gonzaga University, Spokane, WA

Designed a program to educate youth about local Arachnida and Insecta biodiversity while fostering an interest in natural history.

Biodiversity Survey

2016 - 2017

Volunteer Surveyor, Inland NW Land Conservancy, Reardan, WA

Conducted standardized 30m transects to determine biodiversity of terrestrial arthropod lifeforms on a recently established natural habitat.

PROFESSIONAL AFFILIATIONS

- Entomological Society of America