

Education

University of Florida, Gainesville, FL
Expected Graduation: Summer 2020
Doctoral Student
Environmental Engineering Sciences

Iowa State University, Ames, IA
Bachelor of Science: May 2015
Majors: Biology and Animal Ecology (wildlife option)

Research Experience

Iowa State University, Ames, IA
Department of Ecology, Evolution and Organismal Biology
Undergraduate Research Assistant, Jan 2014 – May 2015

Lab of Dr. William Crumpton. -Nutrient cycling and residence time in restored prairie potholes.

- Run chemical analysis for nitrogen and phosphorus concentrations in various forms
- Collect water samples from various fields sites
- Construct and maintain necessary support material for monitoring equipment
- Assist a graduate student in conducting biological surveys for vegetation

Iowa State University, Ames, IA
Department of Ecology, Evolution and Organismal Biology
Undergraduate Research Assistant, spring 2012

Lab Dr. Brent Danielson's graduate students. He was trying to figure out how much extra grain would need to be left in the field after harvest for mice to nest there.

- Assisted graduate students weekly with refilling food trays and counting the number of mice present.

Activities

- Society of Wetland Scientist: member
- Society of Conservation Biology: member
- Iowa State University McNair Scholar
- Biological Sciences Club: member

Research Skills

- Trimble Geo 7x handheld GPS unit
- Spectrophotometer
- ISCO, American Sigma and Quality Control Equipment Company automated water samplers
- Microsoft Office Suite (Excel, Word, PowerPoint)

Awards and Honors

University of Florida

- Graduate Student Fellowship
- McNair Fellowship

Iowa State University

- George Washington Carver Scholarshin

Presentations

- *Monitoring and Removing Nutrients in Iowa Waterways through Iowa CREP*
ISU McNair Research Symposium
Iowa State University
Dr. William Crumpton and Elliott White
04/2014
Poster Presentation
- *Comparison of Two Wetlands for Differences in Composition due to Age of Seeding*
National McNair Conference
University of Maryland, College Park
Dr. William Crumpton, KristiLee Halpin, and Elliott White
03/2015
Oral Presentation
- *Comparison of Two Wetlands for Differences in Composition due to Age of Seeding*
ISU McNair Research Symposium
Iowa State University
Dr. William Crumpton, KristiLee Halpin, and Elliott White
04/2015
Poster Presentation
- *Comparison of Two Wetlands for Differences in Composition due to Age of Seeding*
Undergraduate Research Symposium
Iowa State University
Dr. William Crumpton, KristiLee Halpin, and Elliott White
04/2015
Oral Presentation
- *Comparison of Two Wetlands for Differences in Composition due to Age of Seeding*
Society of Wetland Scientist Annual Meeting
Providence, Rhode Island
Dr. William Crumpton, KristiLee Halpin, and Elliott White
06/2015
Oral Presentation