

# Curriculum Vitae

Stephen M. Robertson  
600 W North St.  
Fayetteville, AR 72701  
(501) 398-9086



---

## Summary

I have extensive and dynamic experience as a researcher, educator, and leader. I set high standards and goals, strive to excel, and pride myself on performance quality. I am passionate about research and education and have a fascination of insects and their ecological relationships and importance.

---

## Education

- University of Arkansas, Fayetteville, AR  
Ph.D., Entomology; May 2019 (current student)
- University of Arkansas at Little Rock, Little Rock, AR  
M.S., Biology; May 2015  
Thesis: Life History, oviposition patterns, and management of the Ozark Baltimore Checkerspot (*Euphydryas phaeton ozarkae*)
- University of Arkansas at Little Rock, Little Rock, AR  
B.S., Biology; December, 2010

---

## Research Experience

- Primary Investigator: Nocturnal Pollinator
  - May 2016 – present
    - examination of the role of nocturnal pollinators (specifically Lepidoptera) in the pollination of fruit trees in agricultural systems
    - Project Partners: Dr. Neelandra Joshi, Dr. Erica Westerman
- Primary Investigator: Blue Vane Trap Augmentation
  - March 2016 – present
    - attempt to increase the efficiency of Blue Vane traps in the assessment of pollinators other than Hymenoptera while preserving the efficacy towards this group
- Primary Investigator: Native Pollinator
  - August 2015 – present
    - attempt to develop a cover crop that sustains prolonged pollinator persistence within fruit-agricultural systems while improving soil conditions for future crop land use

- Primary Investigator: Baltimore Checkerspot
  - August 2011 – May 2015
    - to further the understanding of the endemic population of Baltimore Checkerspots in the Ozarks of Arkansas with consideration to current management techniques (particularly prescribed fire)
    - Advisor: Dr. William H. Baltosser
- Research Assistant: Diana Fritillary
  - April 2011 – September 2012
    - a localized effort in the Terre Noire Natural Area to describe movement and oviposition patterns and the sexual temporal dimorphism of the Diana Fritillary
    - Primary Investigator: Dr. William H. Baltosser
- Research Assistant: Lepidoptera surveys
  - March 2011 – June 2011
    - a statewide effort to identify the general distribution, spatial and temporal, of Lepidoptera species in Arkansas
    - included diurnal and nocturnal techniques (netting and blacklighting)
    - Primary Investigator: Dr. William H. Baltosser
- Research Assistant: Prescribed Fires and Arthropods
  - June 2010 – December 2010
    - an effort to describe the short and long term effects of prescribed fires on arthropod density and diversity
    - included physiological experimentation concerning the robustness of arthropod response to temperature (critical max temperatures)
    - Primary Investigator: Dr. Robin Verble-Pearson
- Research Assistant: Long-tailed Shrew
  - June 2008 – August 2008
    - an effort to locate and describe the habitat in which the Long-tailed Shrew (*Sorex dispar*) are located
    - Primary Investigator: Garrett Mikael

### Awards

- Second place for “Oviposition host selection in the Ozark Baltimore Checkerspot” (oral presentation) at the 2015 Natural Areas Conference in Little Rock, AR

### Publications

- Robertson, S. M. and W. H. Baltosser. 2016. The Ozark Baltimore Checkerspot, *Euphydryas phaeton ozarkae* (Nymphalidae): life history in northern Arkansas. Journal of Lepidopterists’ Society.

### Employment History

- Research Assistant and Graduate Fellow: University of Arkansas
- Temporary Employee: 4-H in Ferndale; University of Arkansas Agriculture Department Cooperative Extension
  - December 2013 – July 2014
    - 4<sup>th</sup>/5<sup>th</sup> grade SEEK – Young Biologists instructor

- Camp Counselor: Excel, AOS, and Summer Camps
  - Independent Study Instructor: University of Arkansas at Little Rock
    - June 2013
      - team construction, coordination, organization, and management
      - the instruction of field practices in ecological based science
  - Graduate Assistant: University of Arkansas at Little Rock
    - August 2011 – May 2013
      - the instruction of Undergraduate Laboratory courses
      - Introduction to Biology (Freshmen), Anatomy & Physiology I (Freshmen), and Zoology (Sophomore)
- 

### **Extracurricular**

- Student Representative for Bumper's College in the Graduate Dean's Student Advisory Board
    - August 2016 – present
  - Isely Baerg Entomology Club Vice President
    - May 2016 – May 2017
  - Organization and completion of the Woolsey Wet Prairie BioBlitz 2016
    - May 2016 – May 2017
- 

### **Personal References**

Dr. Ashley Dowling  
Professor of Entomology  
University of Arkansas  
adowling@uark.edu; (479) 200-9748

Dr. Robert Wiedenmann  
Professor of Entomology  
University of Arkansas  
rwieden@uark.edu, (479) 575-2451

Dr. Neelendra Joshi  
Professor of Entomology  
University of Arkansas  
nkjoshi@uark.edu ; (479) 575-3872

Dr. William H. Baltosser  
Professor of Biology  
University of Arkansas at Little Rock  
whbaltosser@ualr.edu ; (501) 569-3521

Dr. Forrest E. Payne (GA Supervisor)  
Professor of Biology  
University of Arkansas at Little Rock  
fepayne@ualr.edu ; (501) 569-8515