

# Dana Green

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## Education

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### **M.S. Biology**

Northern Arizona University  
Department of Biological Sciences  
Graduate Teaching Assistantship

**August 2015-May 2018 (expected)**

### **B.S. Wildlife Biology- Magna Cum Laude (GRE: 301)**

Missouri State University

**August 2011-May 2015**

## Professional Experience

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### **Graduate Teaching Assistant**

*Northern Arizona University*  
Graduate Assistantship

Guided biology and ecology centered labs, instructed and lectured on topics of biology and ecology, assisted students with course work, collected material for lecture material

**July 2015-Present**

### **Field Technician**

*SWCA Environmental Consultants*  
Graduate Research  
Part time

Participated in basic biological and ecological surveys, assessed habitats and habitat types, conducted spotlighting surveys, used GIS mapping data, maintained Anabat equipment, downloaded Anabat audio data

**July 2015-Present**

### **Field Technician**

*MSU Bat Ecology Lab*  
Part-Time

Selected and prepared net sites, set up mist nets and harp traps, collected Anabat audio data, bat handling, identified captured bats, working with endangered species, radio telemetry; small mammal trapping

**May 2012-May 2015**

### **Lab Technician**

*MSU Behavioral Ecology Lab*  
Undergraduate Research

Collected metabolic data on salamanders, anaesthetized and sexed salamanders, collected and maintained (feeding, cleaning) salamanders in the lab, conducted visual behavioral trials

**January 2012-May 2015**

### **Field Technician**

*Armadillo Seasonal Shift in Behavior*  
Undergraduate Research

Identified active armadillo burrows, set up and collected data from trail cameras, identified species on photographs, collected GPS locations

**October 2013-April 2014**

### **Field Assistant**

*Salamander Study*  
*La Mica Field Station(Panama)*  
Undergraduate Research

Identified, sexed and measured *Bolitoglossa* salamanders in Panama, quantified salamander habitat, collected weather data and GPS locations

**July 2013-July 2014**

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**Veterinary Technician**  
*Sunshine Animal Hospital*  
Part-time

General: Assisted doctors in: dogs, cats, birds, reptiles, amphibians, lagomorphs, and mustelids. Surgery assistant: monitored heart rate, applied or administered medications, changed bandages and IVs, regulated oxygen

**December 2012- March 2014**

**Intern Director and Biologist**  
*National Tiger Sanctuary*  
Full-time

**Intern Oversight:** Interviewed intern candidates and trained them captive animal care, tour guiding activities, and safety standards; served as safety compliance officer for interns

**June 2011-May 2012**

**Animal Care:** Transferred big cats between enclosures and residences, prepared anesthetics, collected tissue and fecal samples, monitored heart rates, assisted in after surgery care, dosed and delivered oral medication, fed all animals on site

**January 2009-May 2012**

**Public Education:** Presented visitors about the biology of big cats and their natural environments, led public and private tour groups, lectured to classes at universities, middle, and elementary schools emphasizing the importance of conservation through education

**January 2009-May 2012**

## Papers and Presentations

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Seasonal Sex Ratio Variation of Gray Bats (*Myotis grisescens*) Near a Hibernaculum in Southwest Missouri

*Dana Green, Cheyenne Gerdes, Lynn Robbins*  
Poster Presentation-Central Plains Society of Mammalogists

**Oct 11, 2014**  
**Feb 4, 2015**  
**April 24, 2015**  
**June 13, 2015**

Summer Roost Selection of Three *Myotis* Species in Missouri and Illinois

*Cheyenne Gerdes, Ben Smith, Dana Green, Eric Green, Nate Light, Lynn Robbins*  
Poster Presentation-Central Plains Society of Mammalogists

**Oct 11, 2014**

Response to Cannibal Chemical Cues by Larval Ringed Salamanders (*Ambystoma annulatum*)

*Dana Green, Eric Green, Tom Radomski, Alicia Mathis*  
Poster Presentation-CNAS Undergraduate Research Day

**May 6, 2014**  
*Paper in Progress*

Seasonal Circadian Rhythm Shift in the Nine-Banded Armadillo (*Dasypus novemcinctus*)

*Eric Green, Dana Green, Lynn Robbins*  
Poster presentation-CNAS Undergraduate Research Day

**May 6, 2014**  
*Paper in Progress*

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## Professional Reports

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Survey of Summer Bat Activity to Determine Presence or Probable Absence of Indiana Bats (*Myotis sodalis*) and Northern Long-eared Bats (*Myotis septentrionalis*) at a Proposed Housing Development in St. Charles County, Missouri **May 25, 2015**

Lynn Robbins, Dana Green, Eric Green, Cheyenne Gerdes, Ben Smith

Survey of Summer Bat Activity to Determine Presence or Probable Absence of Indiana Bats (*Myotis sodalis*) and Northern Long-eared Bats (*Myotis septentrionalis*) at a Proposed Road Extension in Ste. Genevieve County, Missouri **June 8, 2015**

Lynn Robbins, Dana Green, Eric Green, Ben Smith, Cheyenne Gerdes

## Honors and Awards

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Missouri State University- Magna Cum Laude **May 15, 2015**

Missouri State University Department of Biology-Travel Award **June 12, 2015**

\*\$300.00 award to attend American Society of Mammalogists annual meeting

Missouri State University Dean's List **Fall 2011-May 2015**

Missouri State University Undergraduate Research Day **Spring 2015**

\*1<sup>st</sup> Place Poster (Ecology)- Seasonal Sex Ratio Variation of Gray Bats (*Myotis grisescens*)  
Near a Hibernaculum in Southwest Missouri

Central Plains Society of Mammalogists **Fall 2014**

\*Best Undergraduate Poster Presentation- Seasonal Sex Ratio Variation of Gray Bats (*Myotis grisescens*) Near a Hibernaculum in Southwest Missouri

Missouri State University Undergraduate Research Day **Spring 2014**

\*1<sup>st</sup> Place Poster (Ecology)- Response to Cannibal Chemical Cues by Larval Ringed Salamanders (*Ambystoma annulatum*)

## Memberships and Affiliations

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**Wilson Ornithological Society** **Spring 2016-Present**

*Student Member*

**Raptor Research Foundation** **Spring 2016-Present**

*Student Member*

**The Wildlife Society** **Spring 2016-Present**

*Arizona Chapter*

*Southwest Chapter*

**American Society of Mammalogists** **Spring 2015-Present**

*Student Member*

### Previous

**Central Plains Society of Mammalogists**

*Student Member*

**Southeastern Bat Diversity Network**

*Student Member*

**Mid-West Bat Working Group**

*Student Member*

**Missouri State University Natural History Collections Curation Club (NHC3)** *Founding Member 2014; Founding Secretary 2014-2015*

**Beta Beta Beta: Biological Honors Society**

*Member; Secretary 2012-2013; President 2013-2014*

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## Volunteer Work

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Burrowing Owl Habitat Building	2015
Missouri State Science Olympiad	2013, 2014, 2015
MidWest Bat Fest	2014
Standing Obedience Dog Training and Rehabilitation	2013, 2014
Dickerson Park Zoo Spooktacular	2012, 2013
Relay for Life-Missouri State University (Team Captain)	2012

## Relevant Coursework

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Mammalogy	Behavioral Ecology	General Chemistry
Ornithology	Wildlife Conservation and Management	Organic Chemistry
Herpetology	Conservation of Natural Resources	Intro to GIS
Plant Taxonomy	Genetics	Intermediate GIS
General Ecology	Statistical Methods for Biologists	Geology & Geography
General Biology I & II	Limnology	Trigonometry
Identification of Woody Plants	Physics I	General Physiology
Spatial Ecology	Physics II	Writing in Applied Science
Introduction into R	Statistics II	Wildlife Habitat Interactions

## Skills

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Mammalian trapping ( E.g. Sherman traps, mist nets, Havahart traps, harp traps)-Fluent	MiniTab Statistical Program- Intermediate
Banding and sexing bats- Fluent	ArcGIS 10 - Intermediate
Identification of North American Mammals-Intermediate	Map & Compass Reading-Fluent
Identification of Eastern Reptiles-Intermediate	Microsoft Word, Power Point, Excel-Fluent
Identification of Eastern Amphibians-Intermediate	Radio Tag Attachment (On Bats)-Fluent
Identification of North American Birds- Intermediate	Radio Telemetry-Intermediate
Soldering-Intermediate	Volt/Multi Meter- Beginner
R and R-Studio- Beginner	Spotlighting

## References

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Dr. Russell Benford-Research Professor NAU	Russell.benford@naue.edu
Dr. Alicia Mathis-Behavioral Ecology Lab; Biology Dept. Head	AliciaMathis@MissouriState.edu
Dr. Lynn Robbins-Bat Ecology Lab, Professor Emeritus	LynnRobbins@MissouriState.edu
Dr. Julie Ray-Director LaMICA Biological Field Station	la.mica@Yahoo.com
	*Letter of Recommendation upon request