

Steve Gurney

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PROFESSIONAL OBJECTIVE

- To earn a career as a wildlife biologist with a state or federal agency.

EDUCATION

Bachelor of Science Degree in Fisheries & Wildlife

Degree expected May 2018

- Concentration: Wildlife Biology and Management
- Michigan State University, East Lansing, MI
- GPA: 3.81

Associate of Science Degree

May 2015

- Concentration: Environmental Science
- Washtenaw Community College, Ann Arbor, MI
- GPA: 3.74

Relevant Coursework:

Organismal Biology

Intro to Fisheries & Wildlife

Intro to Fisheries & Wildlife Lab

Physical Geology

Earth Science

Environmental Science

Statistics for Ecologists

Ecology

Ecological Problem Solving*

Wetland Ecology*

Forest Vegetation*

Wildlife Techniques*

Forest Vegetation*

Wildlife Policy*

Mammalogy*

Program R for Natural Resources*

(* = Courses currently enrolled in and to be completed by the summer of 2017)

EXPERIENCE

Undergraduate Research, Michigan State University, East Lansing, MI

May 2016 – Present

- Investigate possible factors of low bear detection by examining the behavioral ecology of bears from trail cam data
- Fieldwork-based data collection and engagement throughout the whole scientific process
- Develop experimental ethogram of bear behaviors and quantify frequencies of behaviors
- Analysis of camera trap data and hair-snare samples
- Perform literature review on performance of hair snares for bears
- Study *Program R* Essentials for Natural Resource Professionals
- Write final research paper in journal format
- Present research at professional conferences
- Supervisors: Dr. David Williams and Jennifer Smith

Research Assistant, Michigan State University, East Lansing, MI

May – Sept 2016

- Assisted in field season for Boone and Crockett Quantitative Wildlife Center
- Investigated black bear population density in Michigan's northern Lower Peninsula
- Deployed hair-snare traps and trail cameras
- Followed strict protocols to ensure consistent, accurate data collection
- Accessed sites in 4WD conditions
- Communication with Michigan Department of Natural Resources collaborators
- On and off trail GPS navigation
- Supervisor: Jennifer Smith

Wildlife Curator Internship, Leslie Science & Nature Center, Ann Arbor, MI

Jan - July 2015

- Specialized in handling and educating the public on pythons and boa constrictors
- Research, husbandry, and handling of captive animals including, but not limited to, reptiles, native birds of prey, arachnids, insects, amphibians, and small mammals
- Interpretation of the natural history of various species of wildlife and ecosystems at the Leslie Science & Nature Center, Ann Arbor's Hands On Museum, and at the University of Michigan's Natural History Museum.
- Educated a variety of age groups in topic areas related to Leslie Science & Nature Center's programming and environmental education for children, families, and other individuals by promoting understanding, appreciation, stewardship, and respect for the natural world.
- Intern with non-profit organization; Internship acted as a co-operative learning experience in accordance with Washtenaw Community College's independent study program.
- Worked 15 hours a week as a second job while enrolled in school
- Supervisor: David Clipner

Volunteer, Leslie Science & Nature Center, Ann Arbor, MI

Jan-July 2015

- Additional work done as a volunteer at Leslie Science & Nature Center outside of my internship
- Writing successful grant proposals for project funding
- Designed, developed, and constructed enclosure for captive breeding of the cecropia moth; enclosure doubled as an interpretation piece of the cecropia's life cycle for educating K-12 students and the general public
- Educated public on natural resource issues at Leslie Science & Nature Center's Earth Day Celebration 2015
- 300+ hours' worth of volunteer work
- Supervisor: David Clipner

Crew Leader, Apex Roofing Inc., Brighton, MI

Oct 2010 - present

- Crew leader responsible for working with and leading a large crew through the roofing process, minor carpentry, and waste management.
- Work 20+ hours a week while enrolled full time in school
- Drive company vehicles, order and deliver supplies, haul trailers to and from work sites as well as to the landfill
- Customer relations and communication with a diversity of homeowners
- Repair jobs, innovative custom work, and problem solving
- Custom chimney and metal work
- Supervisor: Larry Wojtowicz

HONORS AND AWARDS

- College of Agriculture and Natural Resources Undergraduate Research Grant, Michigan State University, \$2,000 (2016)
- Ruth Hurt Memorial Scholarship, Michigan State University, \$2,500 (2016)
- Associate in Science- graduated with honors, Washtenaw Community College (2015)
- Rachana Rajendra Endowment, Michigan State University, \$500 (2015)
- Livingston County Wildlife & Conservation Club's Student Conservation Scholarship, \$500 (2015)
- Certificate in the Liberal Arts MACRAO program- graduated with honors, Washtenaw Community College (2014)
- The Foundation Scholarship, Washtenaw Community College, \$800 (2014)
- The Divisional Scholarship, Washtenaw Community College, \$2,000 (2014)
- Dean's Honor Role Student, Michigan State University- Fall 2015, Spring 2016
- Dean's High Honor Roll Student, Washtenaw Community College- Summer 2014, Fall 2014, Winter 2015
- Dean's Honor Roll Student, Washtenaw Community College- Fall 2013
- SFS Blue Belt in the martial art of Brazilian Jiu-Jitsu (2014)

ACTIVITIES

Professional Affiliations

- Member of The Wildlife Society, 2016
- Member of MSU's Fisheries & Wildlife Club, 2015, 2016
 - Staff/Volunteer for annual Red Cedar River Cleanup
 - Presenter at annual Summer Research Roundup
- Member of MSU's Ducks Unlimited Chapter, 2015
 - Staff/Volunteer for DU fundraising banquet

Professional Meetings Attended

- The Midwest Fish and Wildlife Midwest Conference- 01/25/2016

SKILLS AND ATTRIBUTES

- Interpreting topographical maps
- Compass and GPS navigation
- Operating microscopes
- Writing scientific papers
- Trained in self defense
- Operation of manual transmission vehicles
- Driving trucks and hauling heavy trailers
- Efficient working with saws and drills
- Woodworking

Other: Chauffeur license, completion of hunter's safety, completion of an off road vehicle course (ORV)

PERSONAL INTERESTS

Hiking
Hunting
Fishing

Camping
Kayaking
Martial arts

Travel
Archery
Reading

REFERENCES

David Williams
Associate Director
Boone and Crockett Quantitative Wildlife Center
480 Wilson Rd, 13 Natural Resources
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Jennifer Smith
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David Clipner
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Foreman
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