

# BUCKY BADGER

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## EDUCATION

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**University of Wisconsin-Madison** June 2019  
Master of Science: Environmental Conservation *Madison, WI*

**University of Wisconsin-Madison** May 2015  
Bachelor of Science: Environmental Studies and Zoology *Madison, WI*

- GPA 3.2
- Relevant Coursework: Environmental Conservation; People, Wildlife, and Landscapes; Human/Animal Relationships; Global Physical Environment; Water Stewardship Capstone

## CONSERVATION EXPERIENCE

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**Ecotourism Development Field Coordinator** November 2016 – May 2017  
*Tour Operators for Tigers (TOFT)* *Panna, India*

- Explored, studied, and enacted conservation techniques focusing on alternative-income strategies
- Conducted a field study to assess the status and impact of tiger tourism in five MP Tiger Reserves
- Implemented in development of relevant conservation skillsets in local field staff
- Researched and wrote an ecotourism development report based on the field study using data collection, extensive data management, local and professional testimonies, and statistical analysis

**Conservation Assistant Land Steward** June 2016 – October 2016  
*The Nature Conservancy* *Door County, WI*

- Mapped, monitored, and removed exotic species on 4,000 acres of TNC preserves
- Interacted with the public and preserve neighbors and negotiated conflict resolution
- ArcGIS mapped invasive locations and collect plant samples for genetic analysis

**Environmental Health Team Project Leader, UW-Madison** January 2015 – May 2015  
*Capstone: Water Stewardship and Sovereignty with the Bad River Ojibwe* *Madison, WI*

- Used ArcGIS to map affected environmental sites in the Bad River area and displayed to public
- Mitigation planning, habitat and environmental quality assessments
- Worked with the Bad River Ojibwe and other professionals to create a public health report

**Restoration Ecology Intern** May 2012 - August 2012  
*Madison Audubon Society* *Lake Mills, WI*

- Developed proper eradication plans for aquatic and terrestrial invasive species
- Removed invasive species on 2,700 acres of native prairie, savannah, and forest environments
- Determined specific priority areas of conservation within the natural habitat area

## RESEARCH EXPERIENCE

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**Undergraduate Research Assistant** August 2012-May 2015  
*Jon Orrock Lab (7 months) University of Wisconsin* *Madison, WI*

- Created a research plan and independently studied seed predation rates of prairie herbivores incorporating statistical analysis and models; performed non-invasive surveillance of species

*John Pauli Lab (2.5 years)*

- Helped in data-entry, system organization with Microsoft Access, and GIS mapping of fisher
- Gathered, homogenized, and prepared hair, fat, and blood samples for DNA extraction
- Carried out fisher research in collaboration with the DNR, university, and private individuals

**Biological Science Technician GS-5**

May 2013 - August 2013, May 2015 - November 2015

*Sierra Nevada Carnivore Monitoring Program*

*Shaver Lake, CA*

- Performed data entry, GIS mapping of sites and fire, precise record keeping of information
- Transported and assembled baited camera traps and track-plate boxes for fisher and marten
- Hiked and navigated in backcountry and wilderness areas with proficiency

**VOLUNTEER WORK**

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**Clean Up Wingra Creek**

June 2012 – May 2015

*Friends of Lake Wingra*

*Madison, WI*

- Set up a GIS map to show remediation progress on local waterways and affected areas
- Managed and organized community preservation of a sensitive aquatic area

**Undergraduate Zoological Society**

April 2012 – May 2015

*University of Wisconsin-Madison*

*Madison, WI*

**Undergraduate Wildlife Society**

January 2013 – May 2015

*University of Wisconsin-Madison*

*Madison, WI*

**Four Lakes Wildlife Center Volunteer**

June 2014 – May 2015

*University of Wisconsin-Madison*

*Madison, WI*

**Undergraduate Zoological Society**

April 2012 – May 2015

*University of Wisconsin-Madison*

*Madison, WI*

**GRANTS & SCHOLARSHIPS**

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**James Good Scholarship**

September 2011 - May 2012

**Rotary Club Scholarship**

September 2011 – May 2015

**Segal Education Award**

September 2013

*Americorps*

- Post-service award received for the completion of a term of national service in an AmeriCorps program

**Citizen-based Monitoring Partnership Grant**

January 2014

- Awarded \$3,000 for an issue directly addressing priority Wisconsin natural resource monitoring needs or issues
- Competitive grant for independent scientific research under UW faculty

**ADDITIONAL SKILLS**

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- Advanced with Microsoft Excel, PowerPoint, Word, ArcGIS (proficient), and Premiere Pro
- Expert in land navigation, mapping, topography, and lab/field research
- Experienced in communicating with landowners, cross-culturally, and publicly