

Devin J. Goodson

PhD Program in Ecology, Evolution, and Conservation Biology
 University of Illinois at Urbana-Champaign, Urbana, Illinois, 61801
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EDUCATION

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| PhD | <p>University of Illinois at Urbana-Champaign, Ecology, Evolution, and Conservation Biology, Present</p> <p>Advisors: Carena van Riper & Mark Hauber</p> <p>Thesis: Crossing Boundaries: Unraveling human-bird interactions in urban landscapes through interdisciplinary perspectives</p> |
| MS | <p>University of Illinois at Urbana-Champaign, Natural Resources and Environmental Sciences, 2022</p> <p>Advisors: Carena van Riper & Mark Hauber</p> <p>Thesis: Supporting public involvement in resource management through inclusive conservation.</p> |
| BS | <p>The Ohio State University, Zoology, 2019</p> <p>Minor: Biological Bases of Behavior</p> |

RESEARCH EXPERIENCE

Graduate Research Assistant – University of Illinois, van Riper Lab & Cowbird Lab, 2022 –

- Leveraging focus groups, surveys, mapping exercises, and bird point counts to explore spatial patterns of human-bird interactions and determine the drivers of sustainable behaviors.
- Engaging in experimental field research to understand the American robin's (*Turdus migratorius*) decision-making process concerning foreign egg rejection.
- Leading a systematic literature review of human-bird interactions, with an analysis of interdisciplinary methodologies and thematic research objectives.

Graduate Research Assistant – University of Illinois, van Riper Lab, 2020 – 2022

- Collaborated internationally across interdisciplinary teams to formulate and validate hypotheses concerning trust and perceptions of inclusivity on resource management decisions.
- Managed a longitudinal experimental study involving residents of Alaska, USA, by overseeing their participation in a social learning forum and conducting open coding of qualitative data.

Researcher 1 – Ohio Department of Health, 2020

- Coded, formatted, and accurately entered data for unintentional drug overdose death cases into national computerized database.

- Abstracted sensitive information from coroner, toxicology, and law enforcement reports.

Naturalist – Columbus Metro Parks, 2019

- Monitored tree swallow and bluebird nests to track offspring fledging success.
- Assisted with field surveys of forest and prairie birds during breeding season.

Undergraduate Research Assistant – The Ohio State University, 2018 – 2019

- Investigated why people continue to trust retracted misinformation and the consequences of this continued reliance.
- Coded open-ended responses to survey questions to determine if respondents relied on retracted information.

Undergraduate Research Assistant – The Ohio State University, 2018

- Conducted experiments to investigate stimuli which trigger aggression in male Madagascar hissing cockroaches.
- Analyzed the effects of mate guarding, acoustic stimuli, and male body length on aggression.

PUBLICATIONS [Google scholar citations: 99 / h-index: 5]

In Preparation

Goodson, D. J., Andrade, R., Pollock, H.S., van Riper, C. J., Lerman S., & Hauber, M.E. (in prep). Synthesizing the multiple values of human-bird interactions across social-ecological perspectives. Target journal: *Landscape Ecology*.

In Review

Goodson, D. J., Hoover, J., Turner, A., van Riper, C. J., & Hauber, M.E. (in review). Decoding the dilemma: Exploring egg rejection in the American robin (*Turdus migratorius*) through conjoint experimentation. *Journal of Comparative Psychology*

Cebrián-Piqueras, M.A., Raymond, C. M., van Riper, C. J., Plieniger, T., Andrade, R., **Goodson, D. J.**, & Keller, R. (in 2nd review) What drives how we value, envision and care for nature? *People and Nature*.

Peer-reviewed Publications

12. Pollock, H. S., van Riper, C. J., Goodson, D. J., Lerman, S. B., & Hauber, M. E. (2024). The public–private divide and seasonal variation shape bird diversity in greenspaces of two neighboring midwestern USA cities. *Landscape and Urban Planning*, 247, 105060
11. **Goodson, D. J.**, van Riper, C. J., Andrade, R., Stewart, W., Cebrián-Piqueras, M. A., & Raymond, C. M. (2023). Broad values as the basis for understanding deliberation about protected area management. *Sustainability Science*, 1-19.
10. Cai, C., van Riper, C.J., Johnson, D.N., Stewart, W.P, Andrade, R., **Goodson, D.J.**, Keller, R. (2023). Integrating social values with GPS tracks through Denali National Park and Preserve. *Applied Geography*, 155, 102958.

9. Andrade, R., van Riper, C.J., **Goodson, D.J.**, Johnson, D.N., Stewart, W.P., López-Rodríguez, M., Cebrián-Piquera, M. A., Horcea-Milcu, A.I., Lo, V., & Raymond, C. (2023). Values shift in response to social learning through deliberation about protected areas. *Global Environmental Change*, 78, 102630.
8. Andrade, R., van Riper, C. J., **Goodson, D.J.**, Johnson, D. N., & Stewart, W. (2022). Learning pathways for engagement: Understanding drivers of pro-environmental behavior in the context of protected area management. *Journal of Environmental Management*, 323, 116204.
7. Raymond, C.M., Cebrián-Piqueras, M., Andersson, E., Andrade, R., Arroyo Schnell, A., Battioni, B., Filyushina, A., **Goodson, D.J.**, Johnson, D.N., Keller, R., Kuiper, J., Lo, V., March, H., Metzger, M., Milcu, A., Otersen-Rozas, E., López-Rodríguez Rozas, M., Salcido, E., Stewart, W., Ruiz- Mallén, Plieninger, T., van Riper, C.J., Verberg, P., & Wiedermann, M. (2022). Inclusive conservation and the Post-2020 Global Biodiversity Framework: tensions and prospects. *One Earth*, 5(3), 252-264.
6. **Goodson, D.J.**, van Riper, C.J., Andrade, R., Cebrián-Piqueras, M.A., & Hauber, M.E. (2022). Perceived inclusivity and trust in protected area management decisions among stakeholders in Alaska. *People and Nature*, 4(3), 758-772.

Non-Peer-Reviewed Publications

5. van Riper, C.J., Stewart, W., Johnson, D., Andrade, R., Keller, R., Salcido, E., **Goodson, D.J.**, Colianni, R., Johnson, E., Rowe, G., & Ware, H. (2023). A study of inclusive conservation in the Denali Region of Alaska. <https://doi.org/10.5281/zenodo.8380860>
4. Andrade, R., Salcido, E., van Riper, C.J., Johnson, D., **Goodson, D. J.**, Stewart, W.P., Rowe, G., & Ware, H. (2022). Resident perspectives of public land management in Alaska. Technical report prepared for the National Park Service. Urbana-Champaign, IL.
3. Andrade, R., Johnson, D., Salcido, E., **Goodson, D.J.**, Rowe, G., Colianni, R., Johnson, E., Craver, A., Keller, R., Stewart, W., & van Riper, C. J. (2020). ENVISION Factsheet: The Denali Region of Interior Alaska. DOI: <https://doi.org/10.5281/zenodo.4352166>
2. Andrade, R., van Riper, C. J., Stewart, W., Johnson, D., **Goodson, D.J.**, Salcido, E., Keller, R., & Johnson, D. (2021). Inclusive conservation through social learning in Alaska protected areas. PANORAMA. Solutions for a healthy planet. Web page: <https://panorama.solutions/en/solution/inclusive-conservation-through-social-learning-alaska-protected-areas>
1. van Riper, C.J., Stewart, W., Andrade, R., Johnson, D., Salcido, E., **Goodson, D.J.**, Colianni, R., Johnson, E., Craver, A., & Keller, R. (2021). ENVISION Factsheet: Promoting inclusive conservation in protected areas. DOI: <https://doi.org/10.5281/zenodo.5706747>

TEACHING AND MENTORING

- 2023 **Teaching Assistant** – Environment and Society (NRES 287), University of Illinois
- Facilitated weekly discussion sessions for 68 students, incorporating interactive activities to stimulate critical thinking about how worldviews, history, and politics influence environmentally responsible behavior.

- 2020 **After School STEM Teacher** – Gladden Community House
- Led hands-on learning experiences to support elementary and middle school students in comprehending science and math concepts.
- 2019 **Naturalist** – Homestead & Glacier Ridge, Columbus Metro Parks
- Planned, developed, and presented interpretive programs to the general public regarding flora, fauna, and history of the local landscape.
- 2018 **Nature Camp Counselor** – Sharon Woods, Columbus Metro Parks
- Delivered daily interpretive programs on local wildlife behavior and led outdoor recreational activities, to foster an appreciation for the environment.
- 2018 **Teaching Assistant** – Intro to Undergraduate Research, The Ohio State University
- Conducted weekly laboratory sessions to review lecture material with a group of 10 students while overseeing their independent research projects.

Mentorship

- 2023 Roqaya Al-Dhufari. Understanding drivers of human-bird interactions in Champaign-Urbana. Undergraduate in Integrated Biology, University of Illinois.
- 2023 Julia Knauz. Understanding drivers of human-bird interactions in Champaign-Urbana. Undergraduate in Natural Resources and Environmental Science, University of Illinois.
- 2022 Jessica Vestal. Benefits and threats of human-nature interactions: A bird's eye view. Undergraduate in Chemistry, University of Illinois.

PROFESSIONAL PRESENTATIONS

[underlining denotes student was mentored]

10. **Goodson, D. J.**, van Riper, C. J., Pollock, H.S., Lerman, S.B., & Hauber, M. E. (2024). Exploring the drivers of pro-environmental behavior among diverse communities for the conservation of local birds. Paper presented in the National Environmental and Recreation Research Symposium International Association. Annapolis, Maryland, USA.
9. **Goodson, D. J.**, van Riper, C. J., Andrade, R., Stewart, W.P, Cebrián-Piqueras, M. A., & Raymond, C.M. (2022). Value orientations and their relation to perceived benefits, threats, and management practices within the Denali Region of Alaska. Paper presented in the International Association for Society and Natural Resources Symposium. San José, Costa Rica.
8. Vestal, J., **Goodson, D.J.**, Pollock, H., Andrade, R., Hauber, M., Lerman, S., & van Riper, C.J. (2022). Benefits and threats of human-nature interactions: A bird's eye view. Poster presentation at the University of Illinois Undergraduate Research Symposium, Champaign, Illinois, USA
7. Andrade, R., **Goodson, D.J.**, & van Riper, C.J. (2021). *Understanding landscape change through community deliberation in online spaces*. Paper presented in the International Association for Landscape Ecology. Virtual event.

6. Andrade, R., **Goodson, D.J.**, & van Riper, C.J. (2021). *Understanding landscape change through community deliberation in online spaces*. Webinar to Alaska residents. Virtual event.
5. **Goodson, D.J.**, van Riper, C.J., Andrade, R., Cebrián-Piqueras, M., & Hauber, M. (2021). *Evaluating levels of perceived inclusivity and trust among stakeholder in Alaska*. Paper presented in the International Association for Society and Natural Resources Symposium. Virtual event.
4. Johnson, D., van Riper, C.J., Stewart, W., Andrade, R., Salcido, E., **Goodson, D.J.**, Rowe, G., & Keller, R. (2021). *Integrating multiple viewpoints on the future of protected areas in Interior Alaska through Work Package 3*. Paper presentation at the ENVISION Site meeting: Sierra de Guadarrama, Spain. Virtual event.
3. van Riper, C.J., Stewart, W.P., Andrade, R., Johnson, D., Salcido, E., **Goodson, D.J.**, & Colianni, R. (2021). *Inclusive conservation around protected areas in the Denali region, US*. Webinar to Denali National Park System employees. Virtual event.
2. van Riper, C.J., Stewart, W.P., Andrade, R., Salcido, E., Johnson, D., **Goodson, D.J.**, & Colianni, R. (2021). *Inclusive conservation around protected areas in the Denali region*. Paper presentation at the Executive Committee meeting for the Inclusive Conservation ENVISION project. Virtual event.
1. van Riper, C.J., Stewart, W., Andrade, R., Johnson, D., Salcido, E., **Goodson, D.**, Keller, R., & Colianni, R. (2021). *Inclusive conservation: Visions for the future of Alaska's protected areas*. International Union for the Conservation of Nature (IUCN) Panorama Solutions webinar. Virtual event.

Invited Presentations

1. **Goodson, D. J.** & van Riper, C. J. (2024). Understanding local human-bird interactions through focus groups. Presented to Environmental Social Science Research Methods class. University of Illinois Urbana-Champaign.

GRANTS, FELLOWSHIPS, AND SCHOLARSHIPS

Research Grants [Total funding: \$61,977]

- 2024 **Goodson, D. J.**, & Hauber, M.E. Egg color based predation for open cup nesting in human modified landscapes. School of Integrative Biology, Harley J. Van Cleave Research Award. (\$1,000)
- 2023 **Goodson, D. J.**, & Hauber, M.E. Decoding the dilemma: Exploring egg rejection in the American robin (*Turdus migratorius*). School of Integrative Biology, Clark Research Support Grant. (\$1,000)
- 2020 van Riper C.J., Hauber, M., Andrade, R., Lerman, S., & **Goodson, D.J.** Integrating narratives of engagement between people and birds to support environmental stewardship. College of ACES Office of Research, Seed Grant. (\$59,977)

Conference Grants [Total funding: \$8,500]

- 2024 Hauber, M., **Goodson, D.J.**, Gomez, D., & Fowler-Finn, K. Increasing the visibility of LGBTQ+ scientists and building a queer-friendly community in the Animal Behavior Society. Animal Behavior Society Symposium. (\$8,000)
- 2022 NRES Travel Grant (\$500)

Fellowships & Scholarships [Total funding: \$269,000]

- 2022 Illinois Distinguished Fellowship, University of Illinois (3 years; \$75,000 total)
- 2020 University Block Fellowship, University of Illinois (2 years; \$50,000 total)
- 2015 Morrill Scholarship, The Ohio State University (4 years; \$144,000 total)

PROFESSIONAL SERVICE

- 2021 Volunteer, NRES New Student Field Day
- 2021 Member, Diversifying Syllabi in Ecology and Environmental Science
- 2020 Volunteer, GEEB Bird Strike Survey
- 2018 Volunteer, EEOB Entomology Outreach
- 2018 Wildlife Rehabilitator, Ohio Wildlife Center

PROFESSIONAL MEMBERSHIP

- 2024- Member, National Environment and Recreation Research Association
- 2023- Member, Animal Behavior Society
- 2021- Member, International Association for Society & Natural Resources

PRESS

- 2024 **“Unveiling the heart of conservation: Values that influence protected area management”**
 Ideas for Sustainability, January 29, 2024
<https://ideas4sustainability.wordpress.com/2024/01/29/unveiling-the-heart-of-conservation-values-that-influence-protected-area-management/>
- 2023 **“Alaskan Allies: Communities unite to protect the areas they love”**
 New Herald News, December 11, 2023
<https://newherald.news/alaskan-allies-communities-unite-to-protect-the-areas-they-love-p25631-103.htm>