

Brooke Mott

bmott2@unl.edu

Education

- 2023** **Master of Science**
Natural Resources
Specialization in Human Dimensions
University of Nebraska-Lincoln
Thesis Title: "The Role of Gender and Curiosity on Transformational Leadership: A Mixed Methods Study"
- 2020** **Bachelor of Science**
Fisheries and Wildlife
Emphasis in conservation biology
University of Nebraska-Lincoln
- 2020** **Bachelor of Arts**
Classical Studies
Focus on ancient Greek civilization
University of Nebraska-Lincoln
- 2020** **High School Diploma**
Harry A. Burke High School

Academic Achievements:

- Larson Fund Scholarship Recipient
- Dean's List Fall 2015-Fall 2019
- Research published by the American Academy of Junior Sciences
- Susan Thompson Buffett Scholarship
- Sigma Alpha Pi National Honor Society
- The National Society of Collegiate Scholars
- Phi Eta Sigma National Society
- Alpha Lambda Delta National Honor Society

Employment

- Recruiting and Retention Coordinator of SNR Graduate Programs** 2024-Current
Dr. Chris Chizinski | University of Nebraska-Lincoln
- Advised graduate students in support of successful degree completion by assisting with degree milestone requirements, program check-ins, and interdepartmental communication
 - Created multiple tools and resources for students such as milestone planning timelines, milestone paperwork handouts, and a master's committee planning form to provide guidance throughout the program
 - Performed tasks critical to the teaching needs of both the School of Natural Resources and Statistics department through course management, class scheduling, and coordination of teaching assistants
 - Acted as a non-voting member of the SNR Graduate Committee, supporting the Chair with modernizing committee processes for greater transparency, communicating with students and faculty, and organizing meeting informational resources

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Environmental Specialist I

2023-2024

Jennifer Schellpeper | NE Department of Natural Resources

- Acted as planner support in coordination and organization for state-wide integrated water management meetings
- Represented the department in public outreach setting focused on science communication regarding water management to various audiences
- Performed tasks in relation to the review of basin-wide water management, water policy, updating website content, social media posting, and support to coordinators

Graduate Research Assistant

2021-2023

Dr. Mark Burbach | University of Nebraska-Lincoln

- Completed research focused on the effect of curiosity on transformational leadership and the experience of women environmental leaders in water related fields across Nebraska
- Assisted with the Nebraska Water Leaders Academy in meeting organization, workshops, and field trips
- Presented on the use of curiosity within transformational leadership

Customer Service Representative

2020-2021

Julie Snyder | Nebraska Humane Society

- Completed intake and adoption of various animals in a considerate and timely manner
- Gained proficient knowledge of relevant computer system for organized system operations of customer service
- Working with various animals being understand of animal behavior and safe practices

Research Office Assistant

2018-2020

Cory Forbes | University of Nebraska-Lincoln

- Assisted with data collection and organization for a project focused on understanding science literacy of undergraduate students
- Recorded project implementation and scored data in a variety of methods,
- Organized scored data for use in software programs and to evaluate success
- Assisted with preparation and data collection focused on building climate science and climate model literacy in high school level students
- Assisted with creating a unified standards crosswalk for the National Collaborative for Research on Food, Energy, and Water Education project

Undergraduate Researcher

2017-2020

UCARE | University of Nebraska-Lincoln

- Created new event on campus and a organization layout for future implementation
- Built and lead committees to conduct multiple aspects of the event
- Collaborated with community members, business owners to supply the event with funding, food, and entertainment
- Worked with sustainability professionals to make the event zero-waste

Field Technician

2019

Mary Brown(deceased) Tern & Plover Conservation Partnership | UNL/Nebraska Game and Parks

- Correctly identified target species and located their nests in difficult terrain
- Learned common behaviors of Least terns and Piping plovers, including nesting and intimidation behaviors
- Collected and recorded data including float date, location, and numbers of target species spotted
- Communicated project with stakeholders and other community members at both sand and gravel mining sites and lakeshore housing developments

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Teaching Assistant

2017, 2018

Dr. Michael Lippman | University of Nebraska-Lincoln

- Assisted in maintaining the unique environment necessary for an immersion and team-based teaching approach facilitated by the instructor
- Organized and recorded constantly fluctuating team points and challenges
- Graded various mediums including tests, essays, and online discussions.

Research Lab Assistant

2015-2016

Dr. Alex Basolo | University of Nebraska-Lincoln

- Completed daily activities of feeding, cleaning, and organizing adhering to IACUC specifications
- Maintained scheduled care of fish specific to rigorous research design
- Participated in research focused on the behaviors exhibited in predator-prey relationship of cichlids and sword-tail fish through by recording interactions

Field Research Assistant

Dr. Brandon Waltz | University of Louisiana at Lafayette

- Traveled to Manaus Brazil to study and collect specimens of different local fish, including electric fish
- Helped prepare specimens to be transported to labs in the United states while following specific guidelines
- Studied and recorded data on different specimens provided by INPA (the National Institute of Amazonian Research)

Volunteering

2024-Present	SNR Social Committee Chair
2022-2023	Wachiska Audubon Society
2023	Lincoln Public Schools Science Fair Judge
2022	Ruth Staples Child Development Laboratory UNL
2021-2025	Undergraduate Research Days Judge

Publications

- Elsa M. Forsberg, Brooke Mott, and Joel G. Jorgensen (2024) Killdeer (*Charadrius vociferus*) usurps Piping Plover (*Charadrius melodus*) nest at a sandpit in Nebraska," *The Wilson Journal of Ornithology* 136(2), 270-275
- Burbach, M., & Mott, B. (2023) *The role of gender, curiosity, and champion of innovation in transformational environmental leadership: A mixed methods study*. 2023 IASNR Conference, Portland, ME
- Burbach, Mark E.; Joeckel, Robert Matthew; Mott, Brooke; and Matkin, Gina S., (2022) *2022 Nebraska Water Leaders Academy Final Report*. Conservation and Survey Division. 828
- Mostacedo-Marasovic, S. J., Mott, B. C., White, H., & Forbes, C. T. (2022). Towards water literacy: an interdisciplinary analysis of standards for teaching and learning about humans and Water. *Disciplinary and Interdisciplinary Science Education Research*, 4(1), 25.

Conference Presentations

2022, 2023, 2024, 2025, 2026

Curiosity: The Trait that Transforms

NWLA