

Anni Poetzi

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EDUCATION

- University of Nebraska-Lincoln (UNL)**, Lincoln, Nebraska **December 2022**
- Master's of Science, Natural Resources (Applied Ecology)
- Arizona State University (ASU)**, Tempe, Arizona **May 2016**
- Bachelor of Science, Biological Sciences (Conservation Biology and Ecology)
 - Bachelor of Art, English (Literature)

PROFESSIONAL EXPERIENCE

- Environmental Assistance Coordinator**, Lincoln, NE **November 2023-Present**
Nebraska Department of Environment and Energy **Hours per week: 40**
- Assist the public with permitting questions by consulting technical staff as well as guidance and regulatory documents to ensure that human health and the environment were at the forefront of business development and implementation
 - Coordinate in-person, online, and hybrid internal and external outreach opportunities with agency staff and the public to facilitate knowledge transfer and discussion
 - Oversee outreach metrics across all agency programs using a newly implemented tool to monitor the agency's activities and to encourage active participation with the public
 - Analyze air quality data with multi-agency team members using meteorological datasets and forecasts for particular matter 2.5, ozone, and smoke concentrations to determine whether air quality alerts and/or advisories were warranted across the state, especially during the prescribed fire and wildfire seasons
- 404 Program Specialist**, Lincoln, NE **March 2023-November 2023**
Nebraska Department of Environment and Energy **Hours per week: 40**
- Designed presentations and created supplementary materials using Microsoft products to enhance conversation points and knowledge transfer between agency staff and stakeholders
 - Led efforts to plan and coordinate public input meetings across major regions of the state by considering cost, available venues, best time to meet, and project time frame to ultimately receive feedback from stakeholders on the state's then-pursuit to assume the Clean Water Act 404 program from the U.S. Army Corps of Engineers
 - Collaborated among the program development team to constantly draft, edit, and complete guidance documents and permitting materials for activities that would have been regulated under the state-assumed 404-program to ensure documents were accessible to the public yet included all regulatory requirements
 - Composed thorough meeting notes either handwritten or typed to record ideas, recall actions that needed to be executed, and remind all parties of their respective commitments
- Graduate Teaching/Research Assistant**, Lincoln, NE **August 2020-December 2022**
University of Nebraska - Lincoln **Hours per week: 20-40**
- Designed one large-scale experiment and one field experiment using sound ecological techniques to quantify nutrient inputs into the North Platte River and understand the effects of those inputs
 - Developed a survey instrument based on a modified sociological framework to identify the drivers leading to the adoption of a water quality monitoring tool
 - Analyzed several datasets from 45 water sample sites, 9 field experiment sites, and over 100 surveys using statistical methods to quantify, compare, and understand how the data results related to their respective hypotheses
 - Designed weekly lesson plans and activities for foundational, ecological concepts which were used to facilitate teaching 18 undergraduate students
- Pre-School Teacher**, Lincoln, NE **October 2021-May 2022**
Lincoln Parks and Recreation **Hours per week: 3**
- Guided twelve intercity kids in nature-based learning through outdoor exploration and inquiry alongside the main preschool teacher to encourage inquisitive minds and a connection with the natural world
 - Encouraged scientific inquiry by engaging the kids with their five senses and employing multiple teaching techniques to appeal to the different learning styles of each child

VOLUNTEER EXPERIENCE

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English Education Volunteer, Bravicea, Moldova **Peace Corps**

June 2017-June 2019
Hours per week: 40

- Strengthened the English skills of 270 students in a village of 3000 people in Moldova by using engaging writing, reading, listening, and speaking activities to enhance language learning
- Created and compiled didactic materials used for lessons using multi-media materials to catalogue for current and future use
- Coordinated seamless daily English lessons, as well as English-speaking country cultural lessons, through effective communication with a partner teacher from Moldova to maximize the students' learning potential
- Planned and successfully led a health summer camp for 15 young children, English summer camps for 12 middle school students, and English lessons for 20 adults through active collaboration with village leaders to offer year-round learning opportunities for adults and children alike

BIO 584: Prison Biology Education, Tempe, AZ **Arizona State University**

Jan. 2015-May 2015
Hours per week: 10

- Facilitated in the development of biology class curriculum for inmates in Arizona through collaboration with other advanced undergraduate and graduate students to make science accessible to all populations
- Formatted the biological concepts within 15 presentations using PowerPoint to effectively communicate with the students

ORIGINAL RESEARCH

- University of Nebraska-Lincoln, Lincoln, NE **August 2020-December 2022**
 - *The effects of land-use on water chemistry composition and periphyton growth in a semi-arid watershed*
 - *The drivers affecting the adoption of a web-based water quality monitoring tool through a modified Unified Technology Acceptance and Use of Technology model*
- Missouri Botanical Garden, St. Louis, MO **May 2014-July 2014**
 - *Study of morphological variation within *Hypericum prolificum* (Hypericaceae)*

TECHNICAL SKILLS

- Software: Word, Excel, PowerPoint, R statistical program, Outlook, Zoom, WebEx
- Language: Intermediate conversational and writing Romanian skills
- Skills: Organization, interpersonal communication, project implementation, initiative, creativity

PROFESSIONAL REFERENCES

- Chris Chizinski, master's committee member
 - cchizinski2@unl.edu
 - 402-405-4809
- Jessica Corman, master's advisor
 - jcorman3@unl.edu
 - 585-329-9423
- Dane Pauley, former supervisor
 - dane.pauley@gmail.com
 - 515-249-5141