

# DEVRA HOCK-REID, PH.D.

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## PERSONAL PROFILE

Ph.D. graduate in paleontology looking to apply her science communication and informal learning skills to museums, particularly educational programming and exhibit development. Excels in collaboration and interdisciplinary work, project management, and content development and implementation. Expert in vertebrate paleontology with experience in informal & formal education. Demonstrated commitment to issues of diversity, equity, accessibility, and inclusion in sciences.

## SPECIALIZATIONS

- Content Development and Copywriting
- Curriculum Development for Informal Education
- Pedagogy and Inquiry-based Learning
- Technical Literacy
- Illustration and Graphic Design
- Social Media and Website Management
- Data Management

## ACADEMIC HISTORY

### UNIVERSITY OF NEBRASKA - LINCOLN

**Ph.D. (ABD) in Earth and Atmospheric Sciences, spec. in Geology**

**M.S. in Earth and Atmospheric Sciences, spec. in Geology**

### MONTANA STATE UNIVERSITY

**B.S. in Earth Sciences, conc. in Paleontology**

**Minor in Museum Studies, spec. Business**

**Administration**

*Magna Cum Laude - 3.6*

## CAREER HISTORY

### EDUCATION PROGRAMS ASSISTANT

**University of Nebraska State Museum, January 2023**

- Develop and design activities for museum events on the subject of paleontology and ancient life
- Develop educational guides and activities for museum exhibit galleries
- Review content of museum rental kits for scientific accuracy
- Assist in planning, set-up, running, and take-down of museum events

### LAB INSTRUCTOR

**University of Nebraska-Lincoln, August 2016 – December 2022**

- Demonstrated effective teaching strategies in undergraduate lab classrooms
- Developed new and updating existing instructional materials
- Trained in pedagogical and inquiry-based teaching methods
- Built and taught lectures and handouts for lab material
- Strong collaboration skills with lecture instructors, lab supervisors, and fellow lab instructors

### DOCTORAL RESEARCHER

**University of Nebraska-Lincoln, August 2018 – December 2022**

- Designed and implemented novel research on mammalian paleoecology
- Assisted in managing field work, including renting vehicles and lodging
- Strong data management skills, with experience in data collection and analysis
- Achieved high familiarity with identification of modern and fossil mammalian species
- Strong collaboration skills with fellow researchers

### SCIENCE CAMP EDUCATOR

**Sternberg Museum Science Camps, June – July 2021**

- Developed and taught new curriculum for virtual science camp on Permian Paleontology, including geology, climate, anatomy, and field skills
- Assisted in creating virtual field environment to mimic real-life Permian outcrops
- Analyzed students' performance with qualitative and quantitative surveys and deliverables

### AFTER SCHOOL SCIENCE CLUB EDUCATOR

**University of Nebraska-Lincoln and The Boys & Girls Club of Lincoln, August – December 2017**

- Taught after-school science club focused on evolution and paleontology
- Developed and implemented inquiry-based activities following the most recent Next Generation Science Standards
- Wrote, conducted, and analyzed pre- and post- evaluations using survey questions

## RELEVANT COURSEWORK

- Professional Business Communication
- Principles of Marketing
- Management and Organization
- Museum Practices
- Communicating Science Through Outreach
- Exhibits: Design, Development, & Assessment

## RELEVANT VOLUNTEER HISTORY

### COMMUNICATIONS COORDINATOR

**Association for Women Geoscientists, 2020 – 2023**

### DIVERSITY & INCLUSION COMMITTEE MEMBER

**University of Nebraska-Lincoln, 2021 – 2022**

### GUEST SCIENTIST

**Skype A Scientist, 2020 – 2022**

**Nepris, 2021 - 2022**