

# PATHWAYS EXPLORATIONS

## SERIES FALL 2024

### Elizabeth Holley

Associate Professor of Mining Eng  
Colorado School of Mines

**"Should we mine battery  
minerals in the US?"**



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**Wednesday, Oct 2**

**12 to 12:50 p.m.      Bunker**  
**& 4 to 4:50 p.m.      Auditorium**

Dr. Elizabeth Holley is an exploration and mining geologist who studies the processes responsible for ore deposit genesis, as well as the geologic characteristics that determine how ore bodies are developed, mined, and reclaimed. Her interdisciplinary work examines the intersections between technical and social risks in mining, and she is a fellow of the Payne Institute for Public Policy. Dr. Holley's Mining Geology Research Group has been supported by the National Science Foundation, CDC NIOSH, the USGS, major and mid-tier mining companies, and philanthropic foundations. Dr. Holley has worked in the industry on five continents, and she contributed to the discovery of the White Gold deposit in the Yukon. She organized nearly 200 professional development short courses for the Society of Economic Geologists, is a fellow of the society, and served as the 2022 Society of Economic Geologists Distinguished Lecturer. She currently serves on the Committee on Earth Resources for the National Academies of Science, Engineering, and Medicine.

### About the Pathways Explorations Series

The Pathways Explorations Series features large-scale, TED-style talks where motivating and inspiring speakers tell their personal, academic and professional stories to our Mines campus community. The talks are required for CSM 101 students to learn about the many possible academic and career pathways available to them. The talks are open to all Mines students, faculty, staff, alumni, and the public and will be recorded.