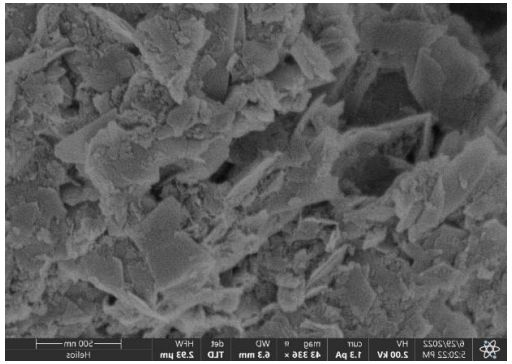
Research Experience for Undergraduates Summer 2025



Program Description

- 10 Week Summer Program
- $7,000 stipend
- $3,850 Housing Stipend
- Seminars and Workshops
- Indigenous Guest Speakers
- Geology & Ceramic Training
- Field Studies in the Badlands

Research Project Topics

- Ceramic Armor
- Ceramic 3D Printing
- Mineral Processing
- Protective ceramic coatings
- Extreme ceramic materials
- Archeology of Lakota Tribal Objects
- Paleoenvironment and Paleoclimate

SD EPSCoR
RESEARCH. EDUCATION. ECONOMIC DEVELOPMENT.

SOUTH DAKOTA MINES

BLACK HILLS APPLIED CERAMIC ENGINEERING

How to Learn More

- QR Code or https://tinyurl.com/BACE605

How to Apply

- https://etap.nsf.gov/award/7328/opportunity/9846

Contact Information

Dr. Katrina Donovan, Senior Lecturer
Department of Materials and Metallurgical Engineering
Katrina.Donovan@sdsmt.edu

This REU site (Award Abstract # 2349313) is jointly funded by the Department of Defense in partnership with the Division of Earth Sciences (Directorate for Geosciences), the Established Program to Stimulate Competitive Research (EPSCoR), and the Division of Engineering Education and Centers (Directorate for Engineering).