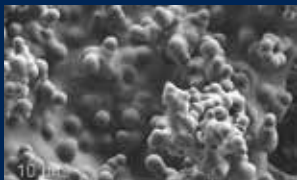


BACK TO THE FUTURE

2025 SUMMER UNDERGRADUATE RESEARCH PROGRAM



The Back to the Future REU program is an NSF funded summer research program that provides undergraduate students the opportunity to work on research topics in Metallurgy and Materials Science many of which have historical and artistic components.

Explore the interface between metallurgy, art, and history while conducting cutting-edge research in the Black Hills of South Dakota!

PROGRAM DESCRIPTION:

- 10 week Summer Research Experience: May 26 - August 1, 2025
- Faculty Mentored Research in Metallurgy and Materials Science
- Social and Professional Development
- Seminars and Workshops on the Historic and Artistic Impact of Metallurgy
- Housing, Food, and Travel Support Provided
- \$7,000 Stipend

PROJECT RESEARCH TOPICS:

- Archaeometallurgy
- Advanced Alloy Processing
- Welding and Materials Joining
- Thin films Research
- Biomaterials
- Corrosion Engineering
- Nanomaterials and Nanoparticle Synthesis
- AND MORE



APPLY NOW!

Scan the QR code for applications & a full list of project topics!

APPLICATION DEADLINE MARCH 8, 2025

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SOUTH DAKOTA MINES