



Back to the Future

2013 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:
- June 3- August 9, 2013
- Faculty Mentored Research in Metallurgy and Materials Science
- Social and Professional Development
- Seminars and Workshops on the Historic and Artistic Impact of Metallurgy
- \$5000 Stipend and Housing Provided

Project Research Topics:

- Archaeometallurgy
- Welding and Materials Joining
- Thin films Research
- Biomaterials
- Extractive Metallurgy
- Corrosion Engineering
- Nanomaterials and Nanoparticle Synthesis

How to Apply:

- Applications and a more detailed list of project topics can be found at the NSF Back to the Future REU website:
<http://met.sdsmt.edu/backtothefuture>
- Application Deadline March 11, 2013



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