



Summer 2023 NSF Research Experience for Undergraduates: Engineering Education Research

Faculty in discipline-based education research (DBER) in engineering seek undergraduate researchers to join a **10-week summer program** that introduces students to research in engineering education and builds research skills appropriate for any engineering field. DBER in engineering encompasses the study of the teaching and learning of our youngest engineering hopefuls to the practices and wisdom of our retiring engineers and all students and practitioners in between. For more information on DBER visit <https://engineering.unl.edu/DBER/>

Program Description:

Participants in the 10-week program will each have their own assigned project culminating in a research poster presentation (for examples, see <https://engineering.unl.edu/DBER/current-and-past-students/>).

Learning opportunities include but are not limited to:

- Data analysis to expand skills with Excel and other research tools
- Literature review and reading to become more familiar with library resources and research in engineering education
- Research poster construction and manuscript writing to gain experience with research dissemination

Who Should Apply?

- Must be US Citizen or Permanent Resident
- Current undergraduate with at least one semester of coursework remaining before obtaining BS
- We encourage applications from all undergraduate students including freshman and sophomores
- Students majoring in related fields: engineering, education, psychology, etc
- Must be self-motivated, dependable, and capable of working independently as well as on a team.

Benefits

- **Competitive stipend: \$6,000**
- Suite-style room and meal plan
- Travel expenses to and from Lincoln, NE
- Campus parking and/or bus pass
- Full access to the Campus Recreation Center and campus library system
- Wireless internet access
- Social and professional development events throughout the summer

To apply

- Review project descriptions:
<https://www.unl.edu/summerprogram/reu-engineering-education-research#projects>
- Complete Application:
<https://www.unl.edu/summerprogram/how-to-apply>

Application Deadlines

- **March 1 - Applications Due**
- **April 15 - Decisions complete**
- **Program Dates: June 1 - August 4**

For More Information

Contact the program coordinator: Dr. Grace Panther, Assistant Professor, Department of Civil and Environmental Engineering, grace.panther@unl.edu

Note: On Point for College can help students apply for this opportunity. For assistance, please contact one of our Career Services Advisors or call 315-362-5003.