



REQUEST FOR APPLICATIONS
Distributed Research Experience for Undergraduates (dREU)
Reissued: August 9, 2022
Open Until Funds are Exhausted

Limited Funding Available

- [Application Form](#)
- [List of ND-ACES CCBSE Researchers](#)
- [Center for Cellular Biointerfaces in Science and Engineering \(CCBSE\)](#)

Purpose:

The Distributed Research Experience for Undergraduates (dREU) program is designed to strengthen North Dakota's STEM ecosystem by catalyzing bioscience research and career development opportunities for undergraduates. Selected students will conduct science, technology, engineering, and mathematics (STEM) research projects under the supervision and guidance of faculty researchers from the New Discoveries in the Advanced Interface of Computation, Engineering, and Science (ND-ACES) Center for Cellular Biointerfaces in Science and Engineering (CCBSE). Like all ND-ACES programs, dREU is committed to building a diverse pool of engaged students and competitive researchers. Minorities underrepresented in STEM (e.g., women, first-generation college students, persons with disabilities, rural populations) are thus strongly encouraged to apply.

Program Description:

Selected students will conduct an individual research project for which they may receive up to \$5,000. Student salary is \$15/hour and includes time devoted to research, professional development, and associated tasks. All project activities must occur at one (or more) of the nine institutions listed below. Students will select one of the following timeframes for conducting their research project.

- Fall 2022 August 16 – December 15, 2022
- Spring 2023 January 16 – May 15, 2023
- 2022-23 Academic Year August 16, 2022 – May 15, 2023

All dREU students are required to participate in virtual seminars with the ND EPSCoR State Office throughout the program. These experiences enhance students' research and career readiness (i.e., writing a resume, applying to graduate school, preparing and delivering presentations). Students will also be required to produce a poster presentation and present their work at the ND EPSCoR Annual Conference in Spring 2023.

Students who are already employed as research-assistants with CCBSE researchers may still apply for the dREU program. In this case, the \$5,000 funding package will be used to purchase materials and supplies relevant for CCBSE research.

Eligibility:

Eligible applicants must be U.S. citizens or resident aliens who are undergraduate students during the award period. Applicants must also be enrolled in a STEM program at one of the participating institutions listed below.

North Dakota TCUs (Tribal Colleges & Universities)

- Cankdeska Cikana Community College (CCCC)
- Nueta Hidatsa Sahnish College (NHSC)
- Turtle Mountain Community College (TMCC)

North Dakota PUIs (Primarily Undergraduate Universities)

- Dickinson State University (DSU)
- Mayville State University (MaSU)
- Valley City State University (VCSU)

North Dakota MCU (Masters College/University)

- Minot State University (MiSU)

North Dakota RUs (Research Universities)

- North Dakota State University (NDSU)
- University of North Dakota (UND)

Priority Statement:

Please refer to the [list of faculty who are associated with the CCBSE](#), which is supported by ND EPSCoR's NSF RII Track-1 award. The list below outlines and ranks ND EPSCoR's priority commitments for this award.

1. Priority will be given to TCU, PUI, or MCU students who will work with a CCBSE researcher on a CCBSE project. A statement of support from the CCBSE researcher is required.
2. Priority will be given to NDSU or UND students who previously attended a TCU, PUI, or MCU and who will work with a CCBSE researcher to continue/augment a project that began with a CCBSE researcher at their TCU, PUI, or MCU. A statement of support from both the NDSU/UND researcher and the TCU/PUI/MCU researcher is required.
3. Prior to awarding multiple applicants from one institution, the review committee will provide awards to one qualified applicant from each of the other eight participating institutions.
4. Prior to awarding NDSU and UND students, the review committee will ensure sufficient funding for one qualified applicant at each TCU, MCU, and PUI.
5. ND EPSCoR reserves the right to balance applicants between faculty members (i.e., one student per faculty) and research universities.

Application Requirements

All application materials should be emailed to Josh Wayt at josh.wayt@ndus.edu

1. Completed application form (link provided at the top of this page)
2. Statement of research objective (maximum of 200 words)
3. Letter of support provided by CCBSE faculty researcher who you plan to work with (link to the CCBSE researcher list provided at the top of this page)

Application Review and Award Announcements:

Applications will be evaluated by the ND EPSCoR State Office Communications Manager, Tribal Partnerships Manager, and the STEM Grant Writer & Program Manager. Applications will be reviewed as they are received until funds are expended. Applicants should expect a response within two weeks of the initial submission.

Please direct any questions to Josh Wayt (josh.wayt@ndus.edu | 701-231-8264), ND EPSCoR STEM Grant Writer & Program Manager and Coordinator of the ND-ACES dREU program.