REQUEST FOR APPLICATIONS
Distributed Research Experience for Undergraduates (dREU)

Issued: August 3, 2021

Academic Year 2021 Application Deadline: Noon, September 16, 2021
Full Year 2021 – 2022 Application Deadline: Noon, September 16, 2021
Spring and Spring/Summer 2022 Application Deadline: Noon, December 1, 2021

Limited Funding Available

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

Purpose:
Under this program, undergraduate students – from the nine ND EPSCoR ND-ACES RII Track-1 participating campuses - three Primarily Undergraduate Institutions (PUIs), one Master’s College/University (MCU), three Tribal Colleges/Universities (TCUs) located in ND, or the two Research Universities (RUs) – are required to work in the ND-ACES Center for Cellular Biointerfaces in Science and Engineering (CCBSE) alongside NSF Track-1 faculty researchers on their CCBSE cutting-edge research projects in materials design, cellular systems, or computational approaches (link for CCBSE Track-1 Researchers and their specific CCBSE project area at the top of this page). Women, minorities underrepresented in STEM, persons with disabilities, first generation college students, economically disadvantaged or rural populations are strongly encouraged to apply.

Eligibility:
Eligible applicants must be U.S. citizens or resident aliens who will be undergraduate students during the award period, in STEM disciplines related to those outlined on the CCBSE website listed above, working with one of the CCBSE Track-1 researchers, at one of three participating TCUs located in ND – Cankdeska Cikana Community College (CCCC), Nueta Hidatsa Sahnish College (NHSC), or Turtle Mountain Community College (TMCC); one of three PUIs – Dickinson (DSU), Mayville (MaSU), or Valley City (VCSU) State University; the MCU – Minot State University (MiSU); or one of the two RUs – North Dakota State University (NDSU) or University of North Dakota (UND).

Priority will be given to:
- TCU, MCU, or PUI students who will work with a ND EPSCoR National Science Foundation (NSF) Track-1 researcher on their CCBSE project (link for CCBSE researcher list available at the top of this page). A statement of support from the CCBSE researcher needed [see Application requirements];
- NDSU or UND students who previously attended a TCU, MCU, or PUI and who will work with a NDSU or UND CCBSE Track-1 faculty researcher to continue/augment an NSF ND-ACES CCBSE Track-1 project started at a TCU, MCU, or PUI. A statement of support from both the NDSU/UND and TCU/MCU/PUI CCBSE researcher needed (link for CCBSE researcher list available at the top of this page) [see Application requirements];
- Prior to awarding 2 student applicants from one institution, the review committee will ensure that each of the 9 participating institutions with student applicants has 1 student awardee; and
- Prior to awarding students at NDSU and UND, the review committee will ensure that there is sufficient dREU funding for TCU, MCU, and PUI student awardees. ND EPSCoR reserves the right to balance applicants between faculty mentors (one student per faculty) and between RUs: NDSU and UND.
Program Description:
Each student will conduct an individual research project for which they may receive up to a maximum of $5,000 student salary and up to an additional $2,500 for summer housing (if the summer dREU research activity is not conducted at the student’s home campus). All dREU students will make $15/hour which includes time doing research and the required professional development activities and associated tasks. The project may take place at any of the nine institutions listed above. During the course of the dREU project, a student may work at more than one institution. The dREU may take place during one of the following time periods: October 1, 2021 – May 15, 2022 (academic year); October 1, 2021 – August 15, 2022 (entire year); January 16, 2022 – May 15, 2022 (spring); or January 16, 2022 – August 15, 2022 (spring/summer). Overtime pay is not allowed on the ND-ACES dREU award. Throughout their program, students are also required to participate in virtual seminars with the ND EPSCoR State Office designed to enhance their research, professional development, and scientific communication skills [i.e.: writing a resume, applying to graduate school, and giving presentations]. Students will also be required to produce a poster presentation and present it at the ND EPSCoR Annual Conference in the Spring. Applications will be evaluated by the ND EPSCoR Tribal Colleges/Universities Liaison, STEM and Communication managers.

Application requirements:
Student Applicant:
1) Complete student section of the Application Form which includes a 500-character (maximum) research objective.
2) Email an electronic version in PDF format to the CCBSE researcher(s).

CCBSE Researcher(s):
1) Complete the CCBSE researcher section of the application form that you receive from your student. This section of the form states the CCBSE Goal, Objective, and Activity (from the Strategic Plan) to which the student’s CCBSE research project is tied and provides a statement of support (300-character [maximum]) for the student’s project.
2) Email an electronic version in PDF format of your student’s full application to ndepskor@ndus.edu with the subject: Distributed REU Application.

Award Announcements and Additional Information:
Applications will be reviewed as they arrive. For the summer dREU applications will be reviewed, and awarded as they are received until funds are used up. Funds are expected to be available on or after October 1, 2021 for summer awards. Summer housing should utilize campus housing when available and must be coordinated with the ND EPSCoR Business Manager. Awards are contingent upon continued funding from NSF and the State of North Dakota. Entire year and spring/summer awards will initially be made through June 30, 2022 with an extension made when NSF authorizes ND-ACES funding beyond July 1, 2022.

Please direct questions to:
- Shireen Alemadi, ND EPSCoR STEM Manager and ND-ACES dREU Coordinator at 701.231.8264 or shireen.alemadi@ndus.edu
- Scott Hanson, ND EPSCoR Tribal Colleges/Universities Liaison Manager at 701.231.8606 or scott.martin.hanson@ndus.edu