



REQUEST FOR STUDENT APPLICATIONS
Graduate Student Cyberinfrastructure Assistantship Program
Issued: October 23, 2020
Due to ND EPSCoR: Noon, November 23, 2020
Award Start Date: January 16, 2021

NDSU Announcement ONLY

TO: NDSU Graduate Students in the Sciences, Technology, Engineering, or Mathematics
FROM: ND EPSCoR
RE: Cyberinfrastructure (CI) Assistantship Program Announcement

Purpose:

ND EPSCoR's Graduate Student CI Assistantship program is designed to (1) increase student understanding of advanced research computing in hardware and software as it applies to their discipline; (2) provide additional support to faculty in the Center for Cellular Biointerfaces in Science and Engineering (CCBSE); and (3) provide student/faculty training at all ND EPSCoR-participating institutions on potential CI uses/benefits.

Description of the Program:

Support will be available for one semester (Spring 2021 [January 16, 2021 – May 15, 2021]) for a one-half time assistantship in the NDSU Center for Computationally Assisted Science and Technology (CCAST). The stipend level is not to exceed 10 hours/week (\$1000/month for a graduate student). In addition to the student stipend and related fringe benefits, this assistantship includes \$750 for travel, \$500 for materials and supplies, \$250 for publications/printing/dissemination, and related F&A. Summer support to continue this assistantship may be provided by the graduate student's major department and/or by CCAST (working in conjunction with the student's major advisor). It is anticipated that one (1) Graduate Student CI Assistantship will be awarded at NDSU. The CCAST Executive Director, the CCAST Research Facilitator, and the ND EPSCoR STEM Manager will serve as the review panel to evaluate the applications.

Eligibility Requirements:

NDSU graduate students, who:

- have been accepted by the Graduate School;
- are majoring in a science, technology, engineering, or math (STEM) discipline; and
- are in good academic standing.

Application Requirements:

Graduate student's application must include a letter of endorsement from their major advisor on how the CI assistantship will be used to further the student's thesis or dissertation work – the letter must include a statement that student is in good standing academically, and that they will be able to handle the split commitment between their research and the requirements of the CI assistantship. The student must submit a 3-page double-spaced essay of the past (up to 1 page), present (up to 1 page), and future (up to 1 page) importance of CI to the research of their STEM discipline.

Primary Evaluation Criteria:

- Credentials of the student
- Quality of Essay

Application Submittal Checklist (Submit electronically):

1. **Cover Page:** Available at <https://www.ndepscor.ndus.edu/fileadmin/ndus/ndepscor/CI/NDSUCICover-GRAs.pdf>
2. **Essay:** Described above. Double spaced with 1-inch margins.
3. **Student's credentials:** a 2-page NSF-style Biosketch.
4. **NSF-style budget template:** Available at https://www.ndepscor.ndus.edu/fileadmin/ndus/ndepscor/documents/ND_ACES_template_budget.pdf
5. **Budget justification.**
6. **Copy of the endorsement letter:** Described above.

Electronic Submissions:

- *November 23 (Noon) to submit all completed applications to ND EPSCoR ndepscor@ndus.edu via e-mail attachment. Please indicate subject line as "CI Assistantship Application – NDSU Campus."*

NOTICE: ND EPSCoR may refuse to review any application that does not comply with the checklist.

Award Announcements and Additional Information:

Awards will be announced on or about December 8, 2020, and funds are expected to be available on or about January 16, 2021.

Awards are contingent upon availability of funds from the National Science Foundation (NSF) and the State of North Dakota. These assistantships are provided in conjunction with ND EPSCoR's Track-1 cooperative agreement with the NSF, which provides for outreach activities throughout North Dakota.

Please direct questions:

- *Related to the assistantship to Khang Hoang khang.hoang@ndsu.edu*
- *Related to the application to Shireen Alemadi shireen.alemadi@ndus.edu*

For information about ND EPSCoR and other funding opportunities, please visit the web at www.ndepscor.ndus.edu