



NEBRASKA INDIAN COMMUNITY COLLEGE

VACANCY ANNOUNCEMENT

POSITION TITLE: NASA NE Space Grant Research Assistant

PRIMARY WORK LOCATION: Macy, Santee, or South Sioux City Campuses

CLOSING DATE: Open until filled

Compensation & Benefits:

- Credit: 2 credits
- A \$2040 Stipend: \$15/hour × 8 to 10 hours/week × 16 weeks (136 hours).
- *The appointment can be extended based on additional funding opportunities.

START DATE: January 5th

ABOUT THE COLLEGE: *“The Nebraska Indian Community College provides quality higher education and lifelong educational opportunities for Umo’ho” (Omaha) Isanti (Santee Dakota) and all learners.”* Nebraska Indian Community College is envisioned as a comprehensive Tribal College that values service through high-quality education. Institutional programs value and cultivate the creative and productive talents of learners, faculty, and staff, and seek ways to contribute to the self-sufficiency of the Nations served, the well-being of our communities, and the quality of life and development of its learners, faculty, and service areas.

Job Summary: We are seeking a highly motivated and dedicated Research Assistant to join the NASA NE Space Grant Research Mini-Grants Project at Nebraska Indian Community College under the supervision of Dr. Md Ezazul Haque. This position offers a unique opportunity to engage in hands-on research that integrates molecular biology, environmental science, and microbiology. The RA will assist with sample collection across various locations in Nebraska, conduct laboratory experiments, support ongoing data analysis and reporting, and contribute to presentations of project findings. This role is ideal for students interested in gaining practical experience in molecular and environmental research while earning course credit. RA will receive training in advanced molecular biology techniques (including DNA/RNA extraction, PCR, and electrophoresis) and environmental toxicant identification methods

Project Title: Inspiring Future Scientists: Molecular Training for Water Quality and Extremophile Detection Aligned with NASA's Mars Exploration

Principle Investigator: Dr. Md Ezazul Haque

Key Responsibilities:

- Participate in fieldwork, traveling to different locations in Nebraska for sample collection.
- Learn basic molecular biology techniques such as DNA/RNA isolation and PCR, Microbial growth, and water quality testing.
- Report data in lab meetings.

- Assist with daily laboratory activities, including preparing samples and maintaining lab cleanliness.
- Analyze results, contribute to scientific reports, and present work at conferences or seminars.

QUALIFICATIONS:

- Punctuality, consistent attendance, and communication are essential for success in research.
- High school diploma or equivalent (enrolled or completed coursework in Microbiology, Environmental Science, Organic Chemistry, or related fields preferred).
- Experience with prior laboratory experiments or internships is a plus, but not mandatory.

SPECIAL INSTRUCTIONS TO APPLICANTS: Nebraska Indian Community College gives preference to eligible and qualified applicants in accordance with the Indian preference in employment act and veterans' preference. In the absence of qualified Indian applicants, consideration will be given to applicants without regards to race, religion, sex, national origin, age, sexual orientation, gender, veteran status, the presence of non-related medical condition or handicap, or other legally protected status. NICC is an Equal Opportunity Employer.

HOW TO APPLY: You can visit us on the web at <http://www.thenicc.edu>. Applications are also available at any of our three campuses. **FACULTY:** Include the following: (1) a letter of intent outlining how you are qualified for the position based upon the qualifications and responsibilities, (2) a resume/CV, (3) a copy of official transcripts, and (4) an NICC Application. Please send your application materials to the Human Resources, at hr@thenicc.edu.

NICC (South Campus)
111 Hwy 75
Macy, NE 68039
Phone: 402-837-4183

NICC (West Campus)
North River Road
Niobrara, NE 68760
Phone: 402-494-2311

NICC North Campus
2605 ½ Dakota Ave.
South Sioux City, NE 68776
Phone: 402-494-2311

"This work is supported by the National Space and Aeronautics Administration (NASA) Nebraska Space Grant (Federal Award #80NSSC20M0112). The content is solely the responsibility of the author(s) and does not necessarily represent the official views of the NASA."

