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Arts & Agriculture Center
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KBOCC Mission Statement: *As a tribal land grant institution, Keweenaw Bay Ojibwa Community College supports and uplifts all learners to achieve their goals through holistic education, while promoting Anishinaabe culture, language, and lifeways.*

JOB DESCRIPTION

POSITION: Health Sciences Undergraduate Research & Technology Intern
DEPARTMENT: Health Sciences
SUPERVISORY CONTROL: Health Sciences Department Chair
SALARY: \$15.00 per hour (up to 20 hours per week)
NUMBER OF POSITIONS: Up to six (6) student positions supported annually through the NSF-funded initiative

SUMMARY: The KBOCC Health Sciences Department is seeking motivated students to participate in an NSF-funded initiative focused on expanding opportunities in applied research, artificial intelligence, emerging technologies, interdisciplinary education, and workforce readiness. Health Sciences Undergraduate Research & Technology Interns will gain hands-on experience working with Health Sciences faculty, project personnel, and students from other KBOCC departments on applied research and technology-based projects related to health, biology, biotechnology, biosensors, artificial intelligence, data analysis, laboratory science, and emerging healthcare technologies.

These positions are designed to provide Health Sciences students with meaningful undergraduate research and professional development experience while connecting their academic coursework to real-world healthcare, research, and technology applications. Interns may participate in research activities involving literature review, research planning, laboratory activities, data collection and analysis, artificial intelligence, biosensor applications, prototyping, documentation, presentations, and interdisciplinary collaboration.

Students will receive training and will be expected to maintain professional research documentation, including research notebooks and student portfolios. The position is intended to support students preparing for careers or further education in nursing, pre-medical, pre-veterinary medicine, pre-pharmacy, pre-dentistry, laboratory science, biotechnology, public health, and other healthcare or health-related fields.

Previous undergraduate research experience is not required. **Training will be provided.** Health Sciences interns will collaborate with the FAST Lab and other KBOCC departments as appropriate and may be expected to participate in research presentations, showcases, workshops, and academic conferences. Grant-funded travel may be available for approved academic conference participation.

QUALIFICATIONS:

- Currently enrolled at KBOCC, preferably in the Health Science Associate of Science degree program.
- Maintain enrollment throughout the duration of participation in the NSF-funded project, including summer semester when applicable.
- Have a minimum cumulative GPA of 2.5 and maintain satisfactory academic standing throughout participation in the project.
- Demonstrate an interest in healthcare, health sciences, undergraduate research, biotechnology, laboratory science, artificial intelligence, data analysis, emerging technologies, or a related field.
- Demonstrate an interest in pursuing a healthcare profession, graduate/professional program, research career, or other health-related career pathway.
- Be willing to learn new research methods, technologies, software, laboratory procedures, and equipment.
- Demonstrate dependability and the ability to complete assigned responsibilities.
- Be able to work independently as well as collaboratively with faculty, staff, and other students.
- Possess basic computer literacy, including word processing, spreadsheets, presentations, email, and online learning platforms.
- Demonstrate attention to detail and the ability to follow written and verbal instructions.
- Be willing to maintain accurate research notebooks, project records, and other required documentation.
- Demonstrate professional communication and workplace conduct, including confidentiality when appropriate.
- Be willing to complete required laboratory, research, equipment, technology, and safety training.
- Be willing to participate in interdisciplinary research activities with students and faculty from other KBOCC departments.
- Be willing to participate in presentations, research showcases, professional development activities, and other project-related events.
- Be willing to work some weekends and during summer break when project activities require it.
- Demonstrate commitment to academic progress and professional development.
- Possesses minimum standards of character: Must not have been found guilty of, or entered a plea of nolo contendere or guilty, to any felonious offense or two or more misdemeanor offenses (under Federal, State, or Tribal law; violations from other states will be interpreted according to the Michigan Penal Code) involving the following:

Crimes of violence	Sexual Assault	Molestation	Exploitation
Contact with or prostitution	Crimes against people	Offenses committed against children	Child abuse or neglect

DUTIES AND RESPONSIBILITIES:

- Participate in Health Sciences undergraduate research activities supported through the NSF-funded initiative.
- Complete required laboratory, research, safety, equipment, and technology training.
- Participate in student orientation and research onboarding activities.

- Learn and follow established laboratory safety, research, data-management, and equipment-use procedures.
- Conduct literature searches and review scientific and health-related literature relevant to assigned projects.
- Develop and maintain an accurate research notebook documenting project activities, observations, methods, data, and results.
- Assist faculty and project personnel with developing research questions, project plans, and research activities.
- Assist with collecting, organizing, managing, and analyzing research data.
- Explore and apply artificial intelligence and other emerging technologies to appropriate research, data analysis, problem-solving, and health science applications.
- Assist with laboratory-based research activities and approved health science research projects.
- Participate in biosensor, biotechnology, environmental health, or other interdisciplinary research activities when applicable to the assigned project.
- Assist with prototype development, testing, documentation, and refinement when applicable to the assigned project.
- Assist with preparing laboratory materials, equipment, and supplies for research activities.
- Maintain accurate project records, research documentation, and digital files.
- Develop and maintain a student research portfolio documenting research experiences, skills, accomplishments, presentations, and professional development.
- Work collaboratively with Health Sciences faculty, FAST Lab personnel, other faculty, and students from participating KBOCC departments.
- Participate in interdisciplinary projects involving Health Sciences, FAST Lab, artificial intelligence, fabrication, data analysis, and emerging technologies.
- Assist with research demonstrations, workshops, showcases, outreach activities, and campus events.
- Prepare and contribute to research posters, presentations, demonstrations, reports, portfolios, and other dissemination materials.
- Participate in professional development activities related to healthcare careers, research, technology, and workforce readiness.
- Present research findings and project accomplishments when appropriate.
- Participate in academic conferences or other approved dissemination activities when selected.
- Maintain a clean, organized, safe, and professional laboratory and research environment.
- Follow all KBOCC policies and established NSF project procedures.
- Maintain confidentiality of student, research, project, and other information when required.
- Participate in regular meetings with the Health Sciences project supervisor and research team.
- Provide updates regarding research progress, training, assignments, and project responsibilities.
- Perform other project-related duties consistent with the goals of the NSF-funded initiative.

PRE-EMPLOYMENT TEST: Employment is contingent upon the satisfactory result of a Security Background Check, pre-employment drug testing, and pre-employment physical.

INDIAN PREFERENCE: Preference will be given to qualified individuals of Native American/ Indigenous descent.

VETERAN PREFERENCE: Preference will be given to veterans (need DD214).

DEADLINE TO APPLY: Open until filled.

This position announcement summary is intended to indicate the kinds of tasks which will be required of this position and shall not be construed as declaring what the specific duties and responsibilities of the position will be. It is not intended to limit or modify the right of the supervisor to assign, direct and control the work of this position, nor to exclude other similar duties not mentioned. The use of a particular expression or illustration describing duties shall not be held to exclude other duties not mentioned that are of similar kind or level difficulty.

APPLICATION PROCEDURE: Submit an official KBOCC Student Internship application, and all documentation required to:

KBOCC Human Resource Office
770 N. Main St, L'Anse, MI 49946
Phone: 906-524-8402

OR

Email: hr@kbocc.edu with all documentation
Official KBOCC applications on our website:
<http://www.kbocc.edu/employment/>

IMPORTANT REQUIREMENT: In addition to submitting a current resume and application, please submit a brief statement of interest (approximately 500 words) describing your interest in participating in the Health Sciences undergraduate research internship and how the experience will support your academic or career goals.

The statement should address at least two of the following areas:

Undergraduate Research; Health Sciences; Healthcare Careers; Biotechnology; Laboratory Research; Artificial Intelligence; Biosensors; Data Collection and Analysis; Emerging Technologies; Scientific Communication; Research Documentation; Professional Development; Interdisciplinary Collaboration; Workforce Readiness; Teamwork; and Problem-Solving.