

Wabanung Campus
770 N. Main Street,
L'Anse, Michigan 49946
Phone: 906-524-8400
Fax: 906-524-8420



Arts & Agriculture Center
15211 Pelkie Road,
Pelkie, Michigan 49958
Phone: 906-524-8903
Fax: 906-524-8420

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: FAST Lab Undergraduate Research & Technology Intern
Three (3) positions available
DEPARTMENT: Human Studies
SUPERVISORY CONTROL: Human Studies Department Chair
SALARY: \$15.00 per hour (up to 20 hours per week)

SUMMARY: The Human Studies Department and FAST Lab are seeking three motivated student interns to participate in an NSF-funded initiative focused on expanding opportunities in applied research, artificial intelligence, emerging technology, and workforce readiness.

FAST Lab interns will gain hands-on experience working with faculty, project personnel, and other students on projects involving additive manufacturing, digital fabrication, prototyping, artificial intelligence, data analysis, and applied undergraduate research.

These positions are designed to provide students with meaningful experience in a research and innovation environment. Interns will have opportunities to contribute to the design, development, testing, documentation, and presentation of real projects while developing technical and professional skills that can be applied to future education and careers

Previous research or advanced technical experience is not required.

Training will be provided.

All interns will be expected to collaborate with the Health Sciences team, including faculty for this NSF-funded project and will be expected to travel to at least one academic conference each year (travel is grant-funded).

QUALIFICATIONS:

- Currently enrolled and maintain enrollment throughout the longevity of the project (including summer semester) students from all departments are encouraged to apply.
- Have a minimum cumulative GPA of 2.5 and maintain or improve GPA throughout the longevity of the project (ending semester GPA must not be below 2.5)

- Demonstrate an interest in research, technology, artificial intelligence, fabrication, engineering, psychology/human factors, computer science, data, design, or another related area.
- Be willing to learn new technologies, software, equipment, and research methods.
- 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 (Word processing, Spreadsheets, Powerpoints).
- Demonstrate attention to detail and the ability to follow written and verbal instructions.
- Be willing to maintain accurate project and research documentation.
- Demonstrate professional communication and workplace conduct. Including confidentiality.
- Be willing to complete required laboratory, equipment, research, and safety training.
- Must be willing to work some weekends and during the summer break.
- 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 2 or more misdemeanor offenses involving (under federal, state or tribal law; violations from other states will be interpreted according to the Michigan Penal Code):
 - Crimes of violence
 - Sexual assault
 - Molestation
 - Exploitation
 - Contact with or prostitution
 - Crimes against persons
 - Offenses committed against children
 - Child abuse or neglect

DUTIES AND RESPONSIBILITIES:

- Operate and assist with 3D printers, fabrication equipment, and related laboratory technologies.
- Create, modify, and prepare digital models for additive manufacturing and prototyping.
- Assist with the design, fabrication, testing, and refinement of prototypes.
- Support faculty and student applied research projects conducted through the FAST Lab.
- Explore and apply artificial intelligence tools to research, design, data interpretation, and problem-solving.
- Assist with collecting, organizing, managing, and interpreting project data.
- Maintain research notes, laboratory notebooks, project records, and digital documentation.
- Conduct basic research and literature searches related to assigned projects.
- Assist with materials testing, equipment testing, and documentation of project results.
- Prepare equipment and materials for research projects, courses, demonstrations, and workshops.

- Support interdisciplinary projects in collaboration with faculty, students, and other departments.
- Assist with FAST Lab demonstrations, outreach activities, showcases, and campus events.
- Contribute to research posters, presentations, demonstrations, reports, or other dissemination materials.
- Follow established laboratory safety, equipment-use, research, and data-management procedures.
- Participate in inter-departmental collaborative efforts.
- Help maintain a clean, organized, safe, and professional department and laboratory environment.
- Perform other project-related duties consistent with the goals of the NSF-funded initiative.

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

INDIAN PREFERENCE: Preference is given to qualified individuals of American Indian descent.

VETERAN PREFERENCE: Preference is given to qualified 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 of difficulty.

APPLICATION PROCEDURE: Submit all required information to:

KBOCC Human Resources Office
770 N. Main St., L'Anse, MI 49946
OR email hr@kbocc.edu with all documentation.

IMPORTANT REQUIREMENT: In addition to submitting your current resume and application, please submit a brief statement (500 words) describing interest in this internship and at least two of the following developmental opportunities: Undergraduate research, Artificial intelligence, Additive manufacturing, 3D modeling, Prototyping, Data collection and analysis, Research documentation, Emerging technologies, Scientific and Technical communication, Teamwork, and Problem-solving.

Official KBOCC applications can be found on our website: <http://www.kbocc.edu/employment/>