Michigan Technological University, Houghton, MI

Tenure-Track Assistant Professor–Medical Informatics, School of Technology

Michigan Technological University, a nationally recognized leader in science, computing, and engineering education and research, invites applications for a tenure-track faculty position within the Medical Informatics graduate program. We welcome candidates whose research interests complement the University's existing medical informatics expertise in a broad array of areas including, but not limited to:

- Security and Privacy in Health
- Artificial Intelligence in Medicine and Health (including NLP, ML, and Deep Learning)
- Clinical Informatics and Data Visualization
- Human-Computer Interaction in Health
- Medical Imaging Informatics
- mHealth Development

Our goal is to attract creative world-class faculty to enrich the educational and research experience of our bright, motivated, and adventurous students.

Michigan Tech is building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment where differences are valued and respected. Women, people from all races/ethnicities, differently-abled individuals, and veterans, as well as multicultural and intersectional individuals are encouraged to apply.

Responsibilities
The successful candidate will: (1) collaboratively develop and teach graduate courses in the Medical Informatics program, with possible teaching opportunities in the School of Technology’s Computer Network and System Administration (CNSA) undergraduate program or potential shared appointments with other graduate programs at Michigan Tech; (2) have the potential to develop or have a record of federal, state, foundation, or industry funding in the area of medical/health informatics; (3) promote the medical informatics program through local, regional, and national engagement; and (4) participate in program assessment activity related to accreditation. The successful applicants would be able to draw from relevant clinical/industrial experiences to cultivate a collaborative environment around convergent medically motivated research, and/or would have active research awards that can be successfully implemented at Michigan Tech, and contribute to strengthening existing human health teaching and research.

Qualifications
Candidates must possess an earned doctorate (PhD, MD, or DO) in medical/health informatics, medicine, computer science, data science, or closely related fields. Teaching experience of medical/health informatics courses or related fields in higher education is desired. Funded research experience within the medical/health informatics fields or closely related fields, as well as grant writing experience, is also highly preferred.
**Application Information**
Review of applications will begin immediately and continue until the position is filled. Interested individuals should submit:

- a cover letter indicating interest in the faculty position, available start date, and a description of experience for the qualifications listed above;
- a detailed curriculum vitae;
- a teaching philosophy statement;
- a research statement;
- contact information for three current references; and
- a discussion of past efforts in diversity and inclusion and future plans to educate and include every student, regardless of background.

Letters of reference will be requested for candidates advancing to a short list.

Applications may be submitted online at: [https://www.jobs.mtu.edu/postings/7353](https://www.jobs.mtu.edu/postings/7353).

**Further Information**
Information about the Medical Informatics graduate program at Michigan Tech, along with the curriculum and course descriptions, can be found on-line at [https://www.mtu.edu/medical-informatics/](https://www.mtu.edu/medical-informatics/).

Michigan Tech is an internationally renowned doctoral research university located in Houghton, Michigan, in the scenic Upper Peninsula on the south shore of Lake Superior. The area provides a unique setting where natural beauty, culture, education, and a diversity of residents from around the world come together to share a superb living and learning experience.

Michigan Tech is an ADVANCE Institution receiving two National Science Foundation grants to increase the participation and advancement of women and underrepresented/underserved individuals in STEM.

Candidates are invited to bring a guest to an on-campus interview; additional details on dual career explorations in our Partner Engagement Program can be found at: [http://www.mtu.edu/provost/programs/partner-engagement/index.html](http://www.mtu.edu/provost/programs/partner-engagement/index.html).

*Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer, which includes providing equal opportunity for protected veterans and individuals with disabilities.*