



Faculty positions in Health (Basic Sciences, Technologies, and Medical Informatics)

Michigan Technological University invites applicants for new tenure-track positions at any rank in the broad areas of health sciences and engineering. This campus-wide Strategic Faculty Hiring Initiative (SFHI) is projected to bring up to ten new faculty members, including possible endowed positions, to campus over the next two years to strengthen the key focus areas of:

- Biochemistry
- Bioengineering
- Bioethics
- Biomaterials
- Biomechanics
- Human Factors
- Medical Informatics
- Cell Biology
- Physiology
- Statistical Genetics

Faculty hired through this initiative are expected to establish a vigorous, nationally competitive research program and to be committed to excellence in both undergraduate and graduate (M.S. and Ph.D.) education. Applicants employing interdisciplinary and multi-scale approaches coupled with new technological tools, those who complement existing strengths of the university, and those with the potential to attract NIH research funding are especially encouraged to apply. New faculty may be affiliated with any existing department at Michigan Tech; joint appointments will also be considered.

A Ph.D. degree is required; postgraduate degree experience is strongly preferred. The application review process will begin on November 15, 2009. Details on the SFHI are available at www.mtu.edu/sfhi. Applicants are asked to send their application materials electronically as a single PDF document to provost-health@mtu.edu. The PDF should contain the following sections:

- A cover letter that includes:
 - The primary focus area from the above list that most closely describes the applicant's research expertise (secondary focus areas may also be included);
 - The applicant's ability to collaborate with current health-related research and education efforts at Michigan Tech (e.g. identifying potential collaborators among the Michigan Tech faculty and institutes and academic departments at Michigan Tech that most closely match your interests)
 - The applicant's experience with issues of diversity, or working in a multicultural environment
 - Current/expected academic rank
- A full curriculum vitae
- A two-page (limit) discussion of research experience, interests and future goals;
- A two-page (limit) discussion of teaching interests and philosophy;
- The names and contact information for three references.

Michigan Tech is an internationally renowned doctoral research university located in Michigan's scenic Upper Peninsula, on the south shore of Lake Superior. Houghton provides a unique setting where natural beauty and exceptional year-round outdoor activities, culture, education, and a diversity of residents from around the world come together to share a superb living and learning experience. As part of its strategic focus, Michigan Tech is experiencing remarkable growth in research. In the last five years, research expenditures have doubled, up to \$60M in 2008. The university has also recently initiated efforts to advance health-related research capabilities with the establishment of animal facilities and the formation of the Departments of Biomedical Engineering and Exercise Science, Health and Physical Education.

Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM.

Michigan Technological University is an equal opportunity, affirmative action employer/educational institution. Applications from women and minorities are encouraged.