

POSITION ANNOUNCEMENT
Operations Manager/ Sr. Research Engineer/Scientist
Sustainable Futures Institute
Michigan Technological University

An operations manager/ Sr. Research Engineer/Scientist position is available in the Sustainable Futures Institute (SFI) at Michigan Tech. The SFI is an education and research leader on sustainability initiatives that promote interdisciplinary collaboration throughout the university. Successful research has been conducted in areas related to water; energy; design, materials, and manufacturing for sustainability; public policy; and sustainable development that includes issues of the developing world. For more information, see SFI website at www.sfi.mtu.edu.

Position Summary: Manage day-to-day affairs of the Institute and financial issues, supervise Institute staff, and act as an interface between Institute and internal and external entities. Coordinate institute wide research initiatives and large scale multi-disciplinary proposal efforts. Prepare and submit proposals to secure external funding and perform engineering and scientific research with an emphasis on sustainability. Provide the intellectual and technical expertise related to specific project objectives such as: system modeling for sustainability and life cycle assessment. Work closely with the Director to develop and refine strategies and programs and maintain an effective External Advisory Board (EAB) to achieve the missions and goals of the Institute.

Qualification Requirements: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills, and/or abilities required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Ph.D. in engineering or science related to the field of sustainability and at least 2 years of management experience
- Demonstrated technical competence in sustainability recognized by peers and demonstrated by refereed publications or externally funded research.
- Demonstrated experience of interaction with external funding agencies (e.g., government agencies, industrial companies, foundations).
- Demonstrated experience in proposal development.
- Excellent organizational, management, interpersonal, and oral/written communication skills.
- Demonstrated leadership skills and experience leading high-performance teams.

Demonstrated experience fundraising for programs is desirable.

To apply for the position, please submit a cover letter explaining the qualifications, a curriculum vitae and names/contact information for three references to:

Qiong Zhang, Ph.D.
Chair of the Search Committee
email: qiong@mtu.edu

APPLICATIONS WILL BE CONSIDERED UNTIL THE POSITION IS FILLED.