

The Minnesota Nano Center (MNC) at the University of Minnesota-Twin Cities seeks a new Associate Director for Laboratory Operations.

The MNC is a state-of-the-art facility for interdisciplinary research in nanoscience and applied nanotechnology. The facility comprises two cleanrooms with approximately 8,000 square feet of class-100 space, and 4,000 square feet of additional laboratories and support areas. It supports over 300 individual lab members from ~80 different faculty groups spanning dozens of departments across the University. Approximately 100 external users from industry and other academic institutions also make use of MNC facilities. Over the past several decades the MNC has contributed to a wide range of breakthrough research, and also acts as an important incubator for start-up companies and larger industrial users to prototype new nano-scale concepts. The MNC is part of the National Nanotechnology Coordinated Infrastructure (NNCI), an NSF-supported group of open-access nanotechnology labs located across the United States.

The candidate for Associate Director of Laboratory Operations should possess a masters or doctorate in a relevant field, and a proven record of accomplishment of research, development, or manufacturing in either an academic or industry setting. The ideal candidate will have extensive experience in cleanroom operations and management, and broad knowledge of micro- and nano-fabrication processes and equipment. The candidate should also have experience in project and personnel management.

The position is responsible for:

Staff supervision, oversight of lab operations and equipment maintenance, safety compliance, external sales, facility and equipment training protocols, identification and acquisition of new capital equipment in the lab, assisting in annual budgeting and equipment rates setting, participating in NNCI program activities, leading the Northern Nano Lab Alliance (NNLA), a regional network of university fabrication facilities, and creating a workplace environment that promotes fairness, diversity, and equal opportunity, and that is consistent with the values of the University.

The desired start date for this position is February 1, 2022. Salary is negotiable and commensurate with skills and experience.

Applications must be submitted online at:

Internal UMN applicants: <https://hr.myu.umn.edu/jobs/int/343852>

External applicants: <https://hr.myu.umn.edu/jobs/ext/343852>

To apply for this position, candidates should provide a resume, a cover letter articulating relevant experience, a statement on commitment to diversity, and names and contact information for three references.

More information about the MNC may be found on our website: [cse.umn.edu/mnc](https://cse.umn.edu/mnc)