Research Associate Position in NUFAB

Job Summary:

We are seeking qualified applicants to work in our new, state of the art, multi-million dollar clean room facility. The selected candidate will work on microfabrication tools, train and assist graduate students and post-docs, and interact with NUFAB staff and faculty.

The research associate will be responsible for assisting internal and external users of the facility with equipment training and use, process support, and safe handling of hazardous chemicals. This includes teaching safety and cleanroom protocol, writing and updating standard operating procedures (SOPs), training users on microfabrication equipment, developing new processes, performing equipment installation/maintenance/repair, and providing safety oversight and support. This position requires strong interpersonal and communication skills and the ability to work on multiple technical tasks concurrently.

Specific Responsibilities:

- Training users on microfabrication equipment
- Provide equipment and process expertise to users
- Maintain, modify or upgrade, and troubleshoot and repair equipment
- Implement clean room protocol and safety policies
- Frequent interactions with the users of the facility
- Purchase and inventory of parts and consumables
- Prepare reports and attend meetings
- Perform microfabrication for funded projects
- Other related functions or duties as assigned

The successful candidate will be given the opportunity to develop a career path at Northwestern University including the possibility of becoming research faculty that will enable submission and management of equipment acquisition and/or development projects as well as mentoring of students and post-docs working under these projects.

Qualifications:

- Ph.D. degree in Engineering or Science with background in MEMS or semiconductor micro/nano fabrication with hands-on process development and equipment experience

Please email resumes to nufab@northwestern.edu