

Cleanroom Manager Position at LSU Nanofabrication Facility

The Nanofabrication Facility (NFF) at Louisiana State University seeks a cleanroom manager to oversee nanotechnology research activities through user training, equipment maintenance, research processes verification, laboratory testing and metrology of samples, and cleanroom specimen statistical verification. The successful candidate will work closely with the cleanroom's director and faculty advisory board for the overall management of the facility. Responsibilities include the daily oversight of staff, equipment maintenance and repair, and providing users assistance and training.

The NFF includes research in the areas of Micro and Nanoelectronics, MEMS, optoelectronics and nanophotonics, and fabrication of devices in support of nanomedicine and bionanotechnology. The NFF was recently awarded both state and federal grants and includes state-of-the-art equipment in direct-write optical, lithography, scanning electron microscopy, atomic force microscopy, near-field scanning optical microscopy, ellipsometry, plasma etching, physical vapor deposition, atomic layer deposition, wet chemistry, and includes over 2,000 square feet of a class 100 cleanroom.

Duties and responsibilities for the Cleanroom manager include:

- Daily oversight of administrative and technical staff
- Providing users equipment training to achieve their research goals.
- Developing research tool usage protocols to assure research goals are consistently met.
- Maintain, repair, and upgrade cleanroom equipment
- Attending and presenting at local and national conferences on state-of-the-art cleanroom techniques and practices.
- Assume additional responsibilities to promote the unit's mission as needed.

Minimum Qualifications:

- Master's degree in engineering or physical sciences or related field
- Hands on experience working in a laboratory environment involving complex processing equipment.
- Experience in leadership and staff management in a technical field
- Excellent communication skills
- Knowledge of safety and health issues concerning cleanroom equipment, operations, and hazardous materials handling and disposal

LSU is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.