

Nanofabrication Process Specialist

University of Delaware, Newark, Delaware

The University of Delaware (UD) is constructing a state-of-the-art Nanofabrication Facility as part of the Interdisciplinary Science and Engineering Laboratory. The primary objective of the facility is to enable UD to attract and retain top caliber faculty and to provide the infrastructure necessary to enable existing and new faculty and researchers in the tri-state area and beyond to undertake competitive research and development in the growing number of fields that rely on nanofabrication. The equipment used in nanofabrication is complex and requires extremely clean conditions. Obtaining the desired devices in a consistent and reproducible manner takes considerable skill.

The Process Specialist is responsible for specifying, acquiring, installing, qualifying, operating, developing processes, and providing training on nanofabrication equipment. The specialist provides expert guidance to existing and prospective users on the materials and techniques best suited to meet their research needs. The specialist continually develops new processes to push the state of the art in order to attract and serve both internal and external customers.



The specialist works closely with academic and industrial users to advise and enable their research; acts as a resource for process flow planning and optimization. Develops, documents, and continuously improves nanofabrication processes and techniques to be incorporated by researchers into their work.

The position requires a Bachelor's degree in physics, engineering, or related field with at least five years' experience, or equivalent combination of education and/or experience. In-depth knowledge of the fundamentals as well as recent advances in the applications of nanofabrication techniques.

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans.

valuing people, supporting excellence, transforming education

For additional information and to apply, please visit

<http://www.udel.edu/002420>



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