

Staff Research Scientist TEM, FIB, AFM

The Penn Regional Nanotechnology Facility is seeking to hire a research scientist with specialization in electron microscopy, focused ion beam, and atomic force microscopy. The PRNTF is a central facilities laboratory for the University of Pennsylvania. We maintain a wide range of instrumentation, featuring a JEOL 2010F TEM/STEM, an FEI DB235 FIB, two Veeco AFMs, and a 5.1 MeV ion accelerator (see a complete facility description at www.seas.upenn.edu/nanotechfacility).

Principal duties of the research scientist will include assisting and training users, maintaining electron beam, ion beam, and AFM instruments and developing new analytical techniques. Other duties include assisting with the teaching of laboratory classes, maintaining the user database and billing records, as well as maintaining the lab.

Requirements for this position include a BS in physical science or engineering (Masters or Ph.D. preferred), three to five years experience with the operation and maintenance of electron and ion beam instruments, and excellent communication skills.

Strong preference will be given to individuals with experience using focused ion beam instruments and to those with experience in the development of analytical techniques.

Please note - This is not a postdoctoral position. For consideration, send resume to:

Douglas Yates, Ph.D.
Technical Director
Penn Regional Nanotechnology Facility
University of Pennsylvania
3231 Walnut Street
Philadelphia, PA 19104
dmyates@seas.upenn.edu

Additional information about the position may be viewed at:
<http://www.hr.upenn.edu/jobs/> (reference number: 070822872)