

Job Title: Biological Science Post-Doc

Job ID: 639223

Location: Albuquerque, NM

Full/Part Time: Full-Time

Regular/Temporary: Temporary

About Sandia

Sandia National Laboratories is the nation's premier science and engineering lab for national security and technology innovation. We are a world-class team of scientists, engineers, technologists, post docs, and visiting researchers all focused on cutting-edge technology, ranging from homeland defense, global security, biotechnology, and environmental preservation to energy and combustion research, computer security, and nuclear defense.

To learn more, visit: California Website: <http://ca.sandia.gov/casite/> or
New Mexico Website: <http://www.sandia.gov/>.

Department Description

The Center for Integrated Nanotechnologies (CINT) Science Department consists of CINT scientific research staff assigned to the Physical, Chemical, & Nanosciences Center at Sandia National Laboratories. CINT is a DOE/Office of Science National User Facility operated jointly by Sandia and Los Alamos National Laboratories with facilities at both Laboratories. The CINT Science Department is dedicated to establishing the scientific principles that govern the design, performance, and integration of nanoscale materials into microscale and macroscale systems and devices.

How to Apply

"Apply" online at www.sandia.gov for job ID number 639223, follow the instructions to upload a resume, and complete the submission process to indicate your interest in this position.

Job Description

Postdoctoral Appointee

Job Details

The Center for Integrated NanoTechnologies (CINT) Science Department is searching for a postdoctoral appointee to perform leading-edge research focusing on designing and synthesizing block copolymers for the development of novel materials. The work will support projects that explore the integration of functional molecules into robust matrices to create complex hierarchical structures. The projects involve chemists, biologists, physicists, and covers both experiment and modeling. Particular emphasis will be placed on the preparation of amphiphilic block copolymers by living polymerization reactions.

Required

- Received a Ph.D. degree in a relevant area (Chemistry, Polymer Science, Materials Science) within the past 5 years.
- Strong publication record.
- Excellent command of English and good presentation skills.
- Be a strong experimentalist with demonstrated experience in polymer synthesis and characterization.

Desired

- Experience in preparing a range of synthetic polymers, including block copolymers, by a variety of methods including living anionic polymerization.

- Experience with NMR, GPC, DLS, and fluorescence.
- Demonstrated ability to present research both orally and in writing is important as the successful candidate will be expected to represent the work at national and international scientific meetings and document it in archival journals.

Security Clearance

Sandia is required by DOE directive to conduct a pre-employment background review that includes personal reference checks, law enforcement record and credit checks, and employment and education verifications.

Applicants for employment must be able to obtain and maintain the appropriate DOE security clearance if required for a position. Applicants offered employment with Sandia are subject to a federal background investigation to meet the requirements for employment including access to classified information or matter.

Substance abuse or illegal drug use, falsification of information, criminal activity, serious misconduct or other indicators of untrustworthiness can cause a clearance to be denied by the DOE, rendering the inability to perform the duties assigned and resulting in termination of employment.

Citizenship

Sandia is a Department of Energy (DOE) national laboratory; as such, many of our jobs require a DOE security clearance, which requires U.S. citizenship. If this position requires a Department of Energy (DOE)-granted security clearance, U.S. citizenship and employee eligibility for clearance processing will be required at the time of hire.

If you hold dual citizenship and you accept a job offer for a position that requires a DOE-granted security clearance, you will be asked by DOE to renounce your foreign citizenship and retain only your U.S. citizenship.

Benefits

At Sandia you will receive many benefits as a valued employee of a premier national multi-program engineering and science research laboratory. In our Total Rewards package you will enjoy competitive pay, great benefits, a stimulating, positive environment and learning opportunities that will help build your career. More information may be found on our Careers website.

EEO

Sandia National Laboratories is an Equal Opportunity Employer M/F/D/V.