

# Job Details

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## Assistant Scientist, Nanoscience

**Requisition Number:** 407820      **Location:** Lemont, IL  
**Functional Area:** Research and Development      **Division:** NST-Nanoscience and Technology  
**Employment Category:** Regular      **Shift:** 8:30 - 5:00  
**Level (Grade):** RD2

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## Position Description

The Nanoscience and Technology Division/Center for Nanoscale Materials (CNM) at Argonne National Laboratory has an available assistant physicist position within the Electron and X-ray Microscopy Group, funded through the Scientific User Facilities Division of the Department of Energy, Office of Basic Energy Sciences.

The prospective researcher will carry out basic research and development in the areas of ultrafast electron microscopy and nanoscale dynamics, with targets that include, but not limited to areas such as ultrafast light-matter interaction, ultrafast phase transitions, ultrafast optics, photophysics and photochemistry, imaging, quantum materials, spectroscopy and new excitation mechanisms. A major responsibility will also be to advance and contribute to the user science program in the CNM, particularly in the area of ultrafast electron microscopy.

## Position Requirements

### Knowledge, Skills, & Experience

A strong experimental background in ultrafast or transmission electron microscopy, ultrafast optics, and ultrafast nanoscale material sciences is preferred. Additional expertise in quantum science, photochemistry/photophysics, optical spectroscopies, and X-ray science is beneficial. Good programming skills in data analysis and theory simulation are a plus. The minimum education requirement is a Ph.D. in the physical sciences.

Interested candidates should send a cover letter and detailed curriculum vitae including a list of publications and the names and addresses of three professional references through the Argonne web site at <http://www.anl.gov/careers> for requisition number NST 407535. In the cover letter, candidates are requested to detail how their experience and expertise will contribute to success in this position.

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Argonne employees, and certain guest researchers and contractors, are subject to particular restrictions related to participation in Foreign Government Talent Recruitment Programs, as defined and detailed in United States Department of Energy Order 486.1. You will be asked to disclose any such participation in the application phase for review by Argonne's Legal Department.

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