Postdoctoral Research Associate | NUANCE Center, Keck-II Facility  
Northwestern University – Evanston, Illinois

The Atomic and Nanoscale Characterization Experimental Center (NUANCE) at Northwestern University is seeking an exceptional experimental postdoctoral candidate to join their team of accomplished researchers. This exciting opportunity involves leading innovative research in the synthesis, characterization, and application of 1D and 2D nanomaterials. The ideal candidate will have earned a PhD in Materials Science, Chemistry, or a related field within the past five years, and will have a strong record of publications and experimental expertise.

In this role, the successful candidate will have the opportunity to publish research results in peer-reviewed journals, present findings at conferences, symposia, and seminars, and maintain up-to-date knowledge of the latest developments in the field through collaborative efforts. The candidate will also be responsible for contributing to the maintenance of the surface analysis facility.

The NUANCE Center is the leading member of the Midwest node of NSF's National Nanotechnology Coordinated Infrastructure network, and is recognized for its cutting-edge research capabilities. The Center boasts the nation’s most comprehensive sample preparation and atomic-nanoscale characterization, fabrication, and analysis techniques for soft, hard, and hybrid structures. As a member of the NUANCE Center team, the successful candidate will have access to these state-of-the-art facilities, and the opportunity to collaborate with experts in the field.

The ideal candidate will demonstrate strong motivation, ambition, and passion for academic research, as well as excellent communication and writing skills. They will have the ability to work independently, but also collaborate effectively with colleagues to drive impactful research outcomes.

The position is available immediately for a two-year term, with the possibility of extension or promotion based on satisfactory performance and mutual consent. The successful candidate will have the opportunity to work in a dynamic and collaborative environment, with ample opportunities for professional growth and career development.

Candidates will send CV to xchen@northwestern.edu

Northwestern requires all staff and faculty to be vaccinated against COVID-19, subject to limited exceptions. For more information, please visit our COVID-19 and Campus Updates website.

The Northwestern campus sits on the traditional homelands of the people of the Council of Three Fires, the Ojibwe, Potawatomi, and Odawa as well as the Menominee, Miami, and Ho-Chunk nations. We acknowledge and honor the original people of the land upon which Northwestern University stands, and the Native people who remain on this land today.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply.