RENEW INSTITUTE

RENEW POST DOCTORAL FELLOW

UB RENEW (Research and Education in eNergy, Environment and Water) Institute is a university-wide and interdisciplinary initiative, focusing on complex energy and environmental issues, as well as the social and economic ramifications. (https://www.buffalo.edu/renew.html).

The Director of the Institute has multiple postdoctoral positions available in the area of advanced materials synthesis and characterization for electronic, energy, environment and water applications. Candidates with the following scientific and technical backgrounds are of interest – (1) Significant experience with heteroepitaxial growth and characterization of complex, multicomponent films using chemical solution processing for various functional applications; (2) Significant experience with 2D materials and heterostructures including growth and characterization as well as device fabrication. Experience with heteroepitaxial growth of 2D materials and devices.

Minimum Qualifications:

A doctorate in a relevant science or engineering discipline. Two years prior work experience in a postdoctoral position is highly desired. A strong record of research publication and experience in writing grant proposals is desired. Ability to work independently is required. Review of applications will begin immediately and will continue until the position is filled. Salary/compensation will be dependent on educational background and experience.

Required Documents:

Cover letter, detailed CV with full list of publications, research Statement, contact information for three references.

About UB: The University at Buffalo is the largest and most comprehensive university in The State University of New York (SUNY) system, with about 20,000 undergraduates, 10,000 graduate students, and 1600 full-time faculty. Buffalo is located in New York State’s second-largest metropolitan area, known for its friendly residents, world-class cultural institutions, and international flavor. RENEW faculty are located on the UB North and South Campuses, in or adjacent to suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living. Downtown Buffalo, with eclectic neighborhoods, the Lake Erie waterfront, and vast cultural resources, is 15 minutes away by car. The awe-inspiring Niagara Falls is also just 20 minutes away.

University at Buffalo is an affirmative action equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.