



Postdoctoral Position in Autonomous Materials Development

The Abolhasani lab in the Department of Chemical & Biomolecular Engineering at North Carolina State University is seeking postdoctoral candidates for accelerated development of energy-relevant nanomaterials using autonomous robotic experimentation. The postdocs will work with a multidisciplinary team of scientists focused on the development of machine learning-guided robo-fluidic material synthesizers.

Highly motivated recent Ph.D. graduates with interests in the fields of robotics, process automation, and flow chemistry and experience with machine learning, lab automation, and optical spectroscopy are encouraged to apply. Experience in machine learning for materials development is required. Expertise in LabVIEW, MATLAB, and Python would be desirable. Applicants are expected to have 3-5 publications in reputable peer-reviewed journals.

The successful candidates will benefit from the excellent scientific and collaborative environment as well as the state-of-the-art research facilities on Centennial Campus at North Carolina State University.

Learn more about living in the Triangle area:

<http://www.workinthetriangle.com/live/key-rankings>.

How to Apply:

Please apply using the following link:

<https://jobs.ncsu.edu/postings/145835>

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree equivalency verified at www.wes.org or equivalent service. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

