

Postdoctoral Research Associate, School of Engineering
and Applied Sciences
University at Buffalo, The State University of New York

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Posted Nov. 17, 2020, set to expire Mar. 19, 2021

Job Title	Postdoctoral Research Associate, School of Engineering and Applied Sciences
Department	School of Engineering and Applied Sciences
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Nov. 17, 2020
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Aerospace/Aeronautical/Astronautics
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Job Description

The Center for Hybrid Rocket Exascale Simulation Technology (CHREST) at University at Buffalo, State University of New York (UB- SUNY) has an opening for a Postdoctoral Research Associate, available immediately.

CHREST is a newly funded PSAAP III Center by the Department of Energy focusing on investigating turbulent reacting flow physics of hybrid rocket motors through exascale computing coupled with model reduction strategies and machine learning algorithms for design optimization and uncertainty quantification.

In this position, you will be focusing on the numerical simulations of turbulent reacting flows. You will be expected to be a key player in the Center and capable of collaborating with other researchers from

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academia and National Labs. In addition, you should have the ability to mentor undergraduate and graduate students and compose proposals.

Successful candidates will be appointed on a year-to-year basis, renewable upon satisfactory annual review. Interested applicants should send their application package, including a cover letter, CV, and names of at least three professional references. All applications should be submitted through UB Jobs.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our <http://www.buffalo.edu/administrative-services/for-faculty-staff/benefits/research-foundation/regular-employees.html> benefit packages.

About UB

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB amplifies ambition for faculty and staff by offering endless possibilities to achieve more. Here, people from all backgrounds and cultures challenge and inspire each other to discover, learn and succeed. Dedicated staff and engaged faculty collaborate to further knowledge and understanding, and develop tenacious graduates who are valued for their talents and their impact on global society. Visit our website to learn more about the <http://buffalo.edu/University at Buffalo>. As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact