

<b>Job Title</b>	Research Associate
<b>PVN ID</b>	CC-2002-003535
<b>Category</b>	Research
<b>Location</b>	The CITY COLLEGE of NEW YORK
<b>Department</b>	Chemical Engineering
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$60,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Apr 19, 2020 (Or Until Filled)

## General Description

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The CUNY Energy Institute at the City College of New York is seeking a highly qualified postdoctoral researcher for a joint research project between The City College of New York (CCNY) and Sandia National Laboratories. The overarching research objective is to develop novel high-voltage, high-density alkaline battery technologies for renewable integration, grid stabilization, power assurance, and transportation.

Both fundamental and applied research opportunities are available for anode and cathode design, separators, and electrolytes development. The candidate is expected to have a Ph.D. in Chemical, Mechanical, or Material Science, or another closely related field. Expertise in electrochemical systems is required.

The appointment period will range between one and two years with an annual salary of \$60,000 plus full fringe benefits. These positions will be open until filled with review of applications to begin immediately.

## Other Duties

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## Qualifications

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### Required Qualifications:

Ph.D. in Chemical Engineering, Chemistry, Physics, Materials Science, or a related discipline.

Strong track record of publications in the scientific literature.

Expertise in electrochemistry & electrochemical methods

Expertise in electrochemistry & electrochemical system modeling

Expertise in battery science & technology

Expertise in advance materials characterization methods (e.g., spectroscopic, imaging, and/or diffraction techniques).

Experience working with ionic liquids is beneficial

Experience working in a multi-disciplinary research environment

Ability to write and present effectively