Job Title	Postdoctoral Fellow
PVN ID	CC-1909-003270
Category	Research
Location	The CITY COLLEGE of NEW YORK
Department	Chemical Engineering
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Nov 10, 2019 (Or Until Filled)

General Description

Postdoctoral Researchers for NASA-CCNY Center

Location: Department of Chemical Engineering, The City College of New York (CCNY), 160 Convent Ave., New York, NY 10031

General Description:

We seek to hire two postdoctoral research fellows for the newly established NASA-CCNY Center for Advanced Batteries for Space (ABS), a joint research and education center between The City College of New York (CCNY), NASA's Jet Propulsion Laboratory (JPL), and regional universities. The overarching research objective is to develop novel battery technologies designed to significantly enhance the scope and ambition of future NASA planetary science missions. Novel battery chemistries composed of metal anodes and ionic liquid electrolytes will be investigated, which will be developed and tested to operate under the extreme conditions (e.g., temperature and radiation exposure) encountered in space and on other planets. Both fundamental and applied research opportunities are available.

Recent press release for the NASA CCNY-Center for ABS:
https://www.ccny.cuny.edu/news/3-million-nasa-grant-makes-ccny-deep-space-partner

Review of applications will begin on Sept. 30th, 2019 and will continue until filled.

Other Duties

Qualifications

Required Qualifications:

Ph.D. in Chemical Engineering, Chemistry, Physics, Materials Science, or a related discipline.
Strong track-record of publications in the scientific literature.

Preferred Qualifications:

Expertise in electrochemistry & electrochemical methods
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

CCNY is committed to diversity and is an equal opportunity employer. All qualified applicants are highly encouraged to apply.