

Postdoctoral Researcher
Stevens Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=257005>

Downloaded On: Jul. 30, 2025 11:07am

Posted May 14, 2025, set to expire Sep. 13, 2025

Job Title Postdoctoral Researcher
Department Chemical Engineering and Materials Science
Institution Stevens Institute of Technology
Hoboken, New Jersey

Date Posted May 14, 2025

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Material/Metallurgy
Chemical/Petroleum

Job Website https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Postdoctoral-Researcher--Chemical-Engineering-and-Materials-Science_RQ29062-1

Apply By Email

Job Description

The Materials Design Lab, led by Professor Jae Chul Kim in the Department of Chemical Engineering and Materials Science (CEMS), invites applications for a Postdoctoral Researcher position in the field of electrochemical energy storage systems. The successful candidate will conduct original and innovative research focusing on:

- Design of novel cathode materials and interfaces for next-generation lithium-ion batteries.
-

Postdoctoral Researcher Stevens Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=257005>

Downloaded On: Jul. 30, 2025 11:07am

Posted May 14, 2025, set to expire Sep. 13, 2025

Atomic-resolution structural characterization using advanced electron microscopy techniques.

This full-time position is available starting May 19, 2025, or later, and is suited for a highly motivated researcher aiming to thrive in a dynamic and fast-paced research environment.

Duties and Responsibilities

- Perform research and development of advanced materials for energy storage applications.
- Lead experiments in battery fabrication and electrochemical testing.
- Conduct atomic-scale analysis of materials using electron microscopy and, when applicable, synchrotron-based techniques.
- Analyze electrochemical, spectroscopic, and scattering data from in-house and national lab beamline facilities.
- Collaborate closely with graduate students and other research staff.
- Present findings at conferences and contribute to scholarly publications.
- Assist with grant writing and proposal development when necessary.

Required Qualifications

- Ph.D. in Materials Science and Engineering, Chemical Engineering, or related field by the time of

Postdoctoral Researcher
Stevens Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=257005>

Downloaded On: Jul. 30, 2025 11:07am

Posted May 14, 2025, set to expire Sep. 13, 2025

Postdoctoral Researcher
Stevens Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=257005>

Downloaded On: Jul. 30, 2025 11:07am

Posted May 14, 2025, set to expire Sep. 13, 2025

appointment.

- Background in energy storage materials.
- Demonstrated hands-on experience in battery fabrication and electrochemical testing methods.

Department

Materials Science and Engineering

General Submission Guidelines:

Please submit an online application to be considered a candidate for any job at Stevens. Please attach a cover letter and resume with each application. Other requirements for consideration may depend on the job.

Still Have Questions?

If you have any questions regarding your application, please contact Jobs@Stevens.edu.

Contact Information

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

Contact

,