

Postdoc Research: Battery Materials Design and
Characterization
San Diego State University

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Posted Jul. 18, 2025, set to expire Nov. 17, 2025

Job Title	Postdoc Research: Battery Materials Design and Characterization
Department	Mechanical Engineering https://mechanical.sdsu.edu/people/faculty
Institution	San Diego State University San Diego, California
Date Posted	Jul. 18, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Energy Technology Material/Metallurgy Mechanical Engineering
Job Website	https://lingpinglab.sdsu.edu/opportunities/

Apply By Email

Job Description

The Kong Lab (Electrochemical Energy) at San Diego State University (SDSU), is seeking highly motivated postdoctoral researchers to join our team. focus on advanced battery materials design, characterization, and performance testing for next-generation energy storage systems.

<https://lingpinglab.sdsu.edu/>

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We are particularly interested in candidates with experience in cathode materials, especially high-voltage cathodes and gel-polymer electrolyte.

Qualifications

- Ph.D. in Materials Science, Chemical Engineering, Mechanical Engineering, or related fields
- Hands-on experience with XRD, SEM, XPS, Raman (independent operation).
- Ability to work independently and lead a sub-team
- Ability to work on multiple tasks
- Background in Li-ion battery systems is highly desirable

To apply, please send a one-page cover letter, CV, and 3 Referees to lkong@sdsu.edu

Contact Information

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

Contact Lingping Kong
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