

**Postdoctoral Position in Quantum Dot Nanocomposites:
Synthesis, Characterization, and Testing
San Jose State University**

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Posted Jan. 9, 2024, set to expire May 9, 2024

Job Title	Postdoctoral Position in Quantum Dot Nanocomposites: Synthesis, Characterization, and Testing
Department	Chemical and Materials Engineering
Institution	San Jose State University San Jose, California
Date Posted	Jan. 9, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Sustainable Engineering Polymer Science Mechanical Engineering Material/Metallurgy Engineering Mechanics Chemical/Petroleum Engineering - Other

Apply By Email

Job Description

I am inviting applications for a creative, enthusiastic, and independent postdoctoral researcher to lead our experimental efforts in synthesizing, characterizing, and testing quantum dot nanocomposites. The position is available for one year, with the potential for renewal, and can extend up to 2.5 years, funded through my NSF CAREER award. The ideal candidate should hold a Ph.D. in materials science, chemistry, or a closely related field. Preferred experience includes the synthesis, characterization, and testing of quantum dots / nanocomposites, demonstrated through publications related to QDs, in situ X-

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ray characterization, mechanical testing, and analyses. Additional desirable skills encompass SAXS/WAXS, TEM, fracture mechanics, and AI/ML concepts.

Interested applicants are encouraged to submit a cover letter, CV, and the names of three references to Dr. Ozgur Keles at ozgur.keles@sjsu.edu.

Contact Information

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

Contact Ozgur Keles
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