

Two funded Ph.D. positions in Mechanical Engineering San Diego State University

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Posted Sep. 24, 2024, set to expire Jan. 24, 2025

Job Title	Two funded Ph.D. positions in Mechanical Engineering
Department	Department of Mechanical Engineering
Institution	San Diego State University San Diego, California
Date Posted	Sep. 24, 2024
Application Deadline	Dec. 1, 2024
Position Start Date	Aug. 15, 2025
Job Categories	Graduate Student
Academic Field(s)	Water Resources Engineering Sustainable Engineering Polymer Science Optics & Optical Engineering Mechatronics Mechanical Engineering Engineering Physics Engineering Mechanics Energy Technology Electrical and/or Electronics Bioengineering (all Bio-related fields) Engineering - Other
Job Website	https://obes.sdsu.edu/
Apply By Email	spark10@sdsu.edu
Job Description	

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Two funded Ph.D. positions are available at Optofluidic Bio and Energy Systems (OBES) Laboratory in the Department of Mechanical Engineering at San Diego State University (SDSU). We look for highly motivated and hard-working candidates who have multi-disciplinary research experiences in the areas of:

- **Microfluidics and Biofluidics**
- **Solar Energy**
- **Energy harvesting**
- **Electrowetting devices**
- **Micro-Electro-Mechanical Systems (MEMS)**

The Joint Doctoral Program (JDP) is offered jointly with the University of California, San Diego (UCSD) and graduates will receive separate Ph.D. degrees from both institutions of SDSU and UCSD. Faculty at SDSU and UCSD collaborate closely in supervising the students as well. More information on the Engineering JDP can be found on the website of <https://www.engineering.sdsu.edu/admissions/joint-doctoral>.

Research focus at the OBES Laboratory is not only on fundamental study of small-scale fluidic and interfacial phenomena, but also development of novel nanomaterials and micro/nano sensing and actuation systems for bio and energy applications. More information on our research activities can be found on the website of <https://obes.sdsu.edu/>. **Candidates interested in the positions are asked to send their updated resume, and a transcript to Prof. Park at spark10@sdsu.edu. Applications for Fall 2025 is accepted from Oct. 01 to Dec. 01, 2024.**

The city of San Diego enjoys a mild climate year-round and is regarded as one of the most attractive metropolitan areas to live in the United States. The metropolitan area is the hub of several leading industries, including major defense contractors, and bioengineering and semiconductor companies.

Contact Information

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

Contact Sean Park
Department of Mechanical Engineering



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San Diego State University
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Contact E-mail spark10@sdsu.edu