

Postdoc in Phase-Change Heat Transfer
University of California at Merced

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Posted Oct. 16, 2025, set to expire Feb. 15, 2026

Job Title	Postdoc in Phase-Change Heat Transfer
Department	Mechanical Engineering http://welab.ucmerced.edu
Institution	University of California at Merced Merced, California
Date Posted	Oct. 16, 2025
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Water Resources Engineering Mechanical Engineering Engineering Physics Energy Technology Engineering - Other
Job Website	https://aprecruit.ucmerced.edu/JPF02033
Apply Online Here	https://aprecruit.ucmerced.edu/JPF02033
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Job Description	

The Water and Energy Technology Laboratory at UC Merced is recruiting for two qualified postdoctoral researchers that are self-motivated, creative and enthusiastic to work on thermal desalination and phase change heat transfer. The duties of the postdocs will include: 1) studying heat and mass transport in thermal desalination processes; 2) writing papers describing the results of the evaluations

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and investigations; 3) assisting with the oversight of graduate and undergraduate assistants working on research projects.

QUALIFICATIONS

Must have a PhD in thermal science and engineering, or related field, and research experience in phase-change heat transfer. Strong written and verbal communication skills are required. Preference will be given to those applicants with strong backgrounds in phase-change heat transfer, and experimental heat transfer. Highly self-motivated individuals who have demonstrated the ability to conduct independent scientific research successfully are desirable.

ONLINE APPLICATION <https://aprecruit.ucmerced.edu/JPF02033>

Help Contact: yma5@ucmerced.edu

EEO/AA Policy

The University of California at Merced is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students. The University is supportive of dual career couples.

Contact Information

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

Contact Prof. Y. Ma
Mechanical Engineering
University of California at Merced
Merced, CA 95344

Phone Number 2092284046

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