

Postdoc in Micro-/nano-heat transfer co-mentored by Drs.  
David Cahill and Yanbao Ma  
UIUC and UC Merced

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Posted Oct. 11, 2024, set to expire Feb. 10, 2025

<b>Job Title</b>	Postdoc in Micro-/nano-heat transfer co-mentored by Drs. David Cahill and Yanbao Ma
<b>Department</b>	Mechanical Engineering <a href="https://me.ucmerced.edu/">https://me.ucmerced.edu/</a>
<b>Institution</b>	UIUC and UC Merced Merced, California
<b>Date Posted</b>	Oct. 11, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student Post-Doc
<b>Academic Field(s)</b>	Mechanical Engineering Material/Metallurgy Engineering Physics Engineering Mechanics
<b>Job Website</b>	<a href="http://welab.ucmerced.edu">http://welab.ucmerced.edu</a>
<b>Apply By Email</b>	<a href="mailto:yma5@ucmerced.edu">yma5@ucmerced.edu</a>
<b>Job Description</b>	

We are looking for a creative, enthusiastic, self-motivated, and qualified postdoctoral researcher to characterize and model non-diffusive heat transfer in micro/nanomaterials and their interfaces. This postdoc will be co-mentored by Dr. David Cahill from University of Illinois Urbana-Champaign and Dr. Yanbao Ma from University of California Merced.

Qualifications: Applicants must have background in micro/nano fabrication and nanoscale thermal

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measurements. Strong written and verbal communication skills are required. Highly self-motivated individuals who have demonstrated the ability to conduct independent scientific research successfully are desirable.

Interested applicants are required to submit 1) a cover letter 2) curriculum vitae, 3) a research statement, and 4) a list of three references with contact information including mailing address, phone number and e-mail address.

Review of applications will begin immediately. This position will keep open until filled. Starting dates are negotiable. Please contact Prof. Yanbao Ma ([yma5@ucmerced.edu](mailto:yma5@ucmerced.edu)) or Prof. David Cahill ([d-cahill@illinois.edu](mailto:d-cahill@illinois.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.

### **Contact Information**

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

**Contact**      Profs. Yanbao Ma and David Cahill  
Mechanical Engineering  
UIUC and UC Merced  
Merced, CA 95344

**Contact E-mail**      [yma5@ucmerced.edu](mailto:yma5@ucmerced.edu) and [d-cahill@illinois.edu](mailto:d-cahill@illinois.edu)