

Postdoc
University of Texas at Austin

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Posted Jan. 31, 2025, set to expire Jun. 2, 2025

Job Title	Postdoc
Department	Mechanical Engineering https://cockrell.utexas.edu/academics/mechanical-engineering
Institution	University of Texas at Austin Austin, Texas
Date Posted	Jan. 31, 2025
Application Deadline	Feb. 15, 2025
Position Start Date	Feb. 15, 2025
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Material/Metallurgy Engineering Mechanics Electrical and/or Electronics Chemical/Petroleum Aerospace/Aeronautical/Astronautics
Job Website	https://bahadurlab.me.utexas.edu/
Apply By Email	vb@austin.utexas.edu
Job Description	

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There are multiple Postdoc positions in Prof. Bahadur's group in the Walker Department of Mechanical Engineering at The University of Texas at Austin. These positions are available immediately. Postdocs will lead and pursue applied as well as fundamental research in microelectronics thermal management and packaging. Requirements include:

- PhD in Mechanical Engineering or closely related discipline with a focus on heat/mass transfer, fluid mechanics, interfacial sciences.
- Experience with experiments and modeling (traditional CFD modeling).
- Experience with finite element analysis and/or software packages like Comsol or ANSYS.
- Familiarity with microelectronics packaging and heterogeneous integration is a big plus.
- Familiarity with reliability characterization is a plus.

If interested, please send your CV, top three publications and a brief note summarizing your suitability to this opportunity to Prof. Vaibhav Bahadur (vb@austin.utexas.edu). Details of some ongoing and past projects are available at <https://bahadurlab.me.utexas.edu/>.

Contact Information

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

Contact Vaibhav Bahadur (VB)
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The University of Texas at Austin
Austin, TX

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