

Associate or Assistant Professor Position in Thermal  
Science  
Lehigh University

Direct Link: <https://www.AcademicKeys.com/r?job=247525>

Downloaded On: Nov. 21, 2024 1:47pm

Posted Oct. 23, 2024, set to expire Feb. 24, 2025

<b>Job Title</b>	Associate or Assistant Professor Position in Thermal Science
<b>Department</b>	Mechanical Engineering and Mechanics
<b>Institution</b>	Lehigh University Bethlehem, Pennsylvania
<b>Date Posted</b>	Oct. 23, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	July 2025
<b>Job Categories</b>	Assistant Professor Associate Professor
<b>Academic Field(s)</b>	Mechanical Engineering Engineering Mechanics Engineering - Other
<b>Apply Online Here</b>	<a href="https://academicjobsonline.org/ajo/jobs/29009">https://academicjobsonline.org/ajo/jobs/29009</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Associate or Assistant Professor Position in Thermal  
Science  
Lehigh University

Direct Link: <https://www.AcademicKeys.com/r?job=247525>

Downloaded On: Nov. 21, 2024 1:47pm

Posted Oct. 23, 2024, set to expire Feb. 24, 2025

The Department of Mechanical Engineering & Mechanics at Lehigh University invites qualified individuals to apply for a tenure-track (untenured) Assistant or Associate Professor position in thermal sciences with an anticipated start date of July 1, 2025. The successful candidate will be expected to lead a thriving research program in heat transfer incorporating innovative technologies including, but not limited to, high heat flux cooling, new designs of heat exchangers for supercritical carbon dioxide cycles, hydrogen production systems, clean energy utilization, net zero carbon technologies, micro- and nanofluid applications, advanced power cycles, or nuclear energy. Candidates' backgrounds could be experimental, computation/simulation, or a combination.

Candidates must have earned a PhD in Mechanical Engineering or a similar discipline by the date of employment. The successful candidate will be expected to:

- pursue external funding and support PhD students;
- teach courses at all levels of the curriculum related to their home department;
- collaborate in interdisciplinary research projects in the area of thermal sciences and
- support and contribute to the department, college, and university efforts relating to diversity, equity, and inclusion.

Interdisciplinary research programs are a priority at Lehigh University and include strong interactions with government agencies, industry, and existing interdisciplinary research institutes (IRIs) on campus. Additionally, Lehigh University's latest strategic plan (<https://ospi.lehigh.edu/strategic-plan-1>) outlines research growth in the area of sustainable and resilient infrastructure and community through strategic investments in university research centers. The successful candidate will be expected to develop a research program in areas synergistic with research thrusts in the Lehigh Institute for Cyber-Physical Infrastructure and Energy (I-CPIE) and other university research centers.

Founded in 1865, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. Recognized among the nation's highly ranked research universities, Lehigh offers a rigorous academic community for over 7,500 students. Lehigh University has some 5,800 undergraduates, 1,800 graduate students, and nearly 600 full-time faculty members. Lehigh University is located in Bethlehem, PA, a vibrant and historic area. Over 840,000 people live in the Lehigh Valley, which is in close proximity to New York City and Philadelphia.

Associate or Assistant Professor Position in Thermal  
Science  
Lehigh University

Direct Link: <https://www.AcademicKeys.com/r?job=247525>

Downloaded On: Nov. 21, 2024 1:47pm

Posted Oct. 23, 2024, set to expire Feb. 24, 2025

Review of Applications will begin December 16, 2024. Review of applications will continue until the position is filled. Applicants should submit their materials at <https://academicjobsonline.org/ajo/jobs/29009> by November 30, 2024 to be assured of full consideration.

Candidates should submit the following materials:

- 1) Cover letter,
- 2) Curriculum vitae,
- 3) Research Statement that describes past scholarly contributions and future research directions,
- 4) Teaching Statement that describes instructional philosophy and courses that the candidate would want to teach or develop,
- 5) Diversity, Equity, and Inclusion Statement (DEI) that describes prior DEI experience and a candidate's vision for enhancing community and culture at Lehigh (guidance for understanding and preparing such statements is available [here](#)).

Any inquiries regarding this search should be directed to Barbara McGuire at [bcm208@lehigh.edu](mailto:bcm208@lehigh.edu)

### **EEO/AA Policy**

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. We are committed to increasing the diversity of the campus community. Lehigh University is committed to a culturally and intellectually diverse academic community and is especially interested in candidates who can contribute, through their research, teaching and/or service, to this mission. Lehigh University is the recipient of an NSF ADVANCE Institutional Transformation award for promoting the careers of women in academic sciences and engineering

(<http://www.lehigh.edu/luadvance/>) and is among institutions of higher education recognized for excellence in diversity with the INSIGHT into Diversity HEED Award. Additional information about

Associate or Assistant Professor Position in Thermal  
Science  
Lehigh University

Direct Link: <https://www.AcademicKeys.com/r?job=247525>

Downloaded On: Nov. 21, 2024 1:47pm

Posted Oct. 23, 2024, set to expire Feb. 24, 2025

Lehigh's commitment to diversity and inclusion is available at <https://diversityandinclusion.lehigh.edu/>.  
Lehigh University provides competitive salaries and comprehensive benefits, including domestic partner benefits. More information about Work/Life Balance for Faculty can be found at

<https://provost.lehigh.edu/resources/worklife-balance>. Lehigh University supports dual

career efforts for following spouses/partners of newly hired faculty

<https://provost.lehigh.edu/resources/faculty-dual-career-assistance-program/dual-career-guidelines>.

### Contact Information

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

#### Contact

Lehigh University

,

**Phone Number** 6107584102