

Graduate Research Assistant University of Vermont

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Posted Oct. 21, 2025, set to expire Feb. 19, 2026

Job Title	Graduate Research Assistant
Department	Mechanical Engineering https://www.uvm.edu/cems/me
Institution	University of Vermont Burlington, Vermont
Date Posted	Oct. 21, 2025
Application Deadline	May 1, 2026
Position Start Date	Jan. 15, 2025
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering Engineering Physics Engineering Mechanics Civil Engineering Engineering - Other
Apply By Email	Jihong.Ma@uvm.edu , michael.leamy@uvm.edu
Job Description	

The University of Vermont invites applications for PhD student and postdoctoral researcher positions to work with Professors Michael J. Leamy and Jihong A. Ma as part of the National Science Foundation's New Frontiers of Sound (NewFoS) Science and Technology Center. This opportunity focuses on research in acoustic, electroacoustic, and elastic topological insulators and metamaterials, with applications in radio frequency devices, communication systems, and non-traditional computing. We welcome candidates with undergraduate or graduate degrees in engineering or physics, particularly those with a strong interest in acoustics, dynamics, and the mechanics of materials. Of special interest are applicants with expertise in acoustic and elastic metamaterials, nonlinear dynamics, topological states, and quantum computing. Candidates with robust experimental capabilities are also highly encouraged to apply. Positions are available starting as early as January 15, 2026, with flexibility for a later start date up to May 1, 2026. Interested individuals should contact Professor Jihong Ma

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(Jihong.Ma@uvm.edu) or Professor Michael Leamy (michael.leafy@uvm.edu) with a statement of interest, a summary of relevant expertise, and their resume.

EEO/AA Policy

The University of Vermont and State Agricultural College is committed to a policy of equal employment opportunity and to a program of affirmative action in order to fulfill that policy. The President of the University fully supports the University's equal employment opportunity policy and the University's affirmative action program. The University will accordingly recruit, hire, train, and promote persons in all positions and ensure that all other personnel actions are administered without regard to unlawful criteria including race, color, religion, ancestry, national origin, place of birth, sex, sexual orientation, disability, age, positive HIV-related blood test results, genetic information, gender identity or expression, or status as a disabled veteran, recently separated veteran, active duty wartime or campaign badge veteran, or Armed Forces service medal veteran (collectively "protected veterans"), as these terms are defined under applicable law, or any other factor or characteristic protected by law, and ensure that all employment decisions are based only on valid job requirements. In addition, the University of Vermont recognizes that discriminatory harassment and sexual harassment are forms of unlawful discrimination, and it is, therefore, the policy of the University that discriminatory harassment and sexual harassment will not be tolerated. The University also prohibits unlawful harassment on the basis of other characteristics protected by law. Further, employees and applicants will not be subjected to harassment, intimidation, threats, coercion, or retaliation because they have engaged in or may engage in the following: filing a complaint or assisting or participating in an investigation regarding alleged discrimination or harassment as prohibited in the policy statement above; filing a complaint or assisting or participating in an investigation, compliance evaluation, hearing, or any other activity related to the administration of the Vietnam Era Veterans' Readjustment Assistance Act of 1974 ("VEVRAA"), Section 503 of the Rehabilitation Act of 1973 ("Rehabilitation Act"), or the Affirmative Action provisions of any other federal, state, or local law; opposing any act or practice made unlawful by VEVRAA or any other federal, state, or local law requiring equal employment opportunities for individuals with disabilities or protected veterans; or exercising any other rights protected by VEVRAA or the Rehabilitation Act. Additionally, the University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. The University of Vermont maintains an audit and reporting system that: measures the effectiveness of the University's affirmative action program; indicates any need for remedial action; determines the degree to which the University's

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objectives have been attained; measures the University's compliance with its affirmative action obligations; and determines whether individuals with disabilities and veterans have had the opportunity to participate in all University sponsored educational, training, recreational and social activities.

Sources: Titles VI and VII of the Civil Rights Act of 1964; the Immigration Reform and Control Act of 1986; Title IX of the Education Amendments of 1972; the Equal Pay Act of 1963; the Age Discrimination in Employment Act of 1967; the Age Discrimination Act of 1975; Sections 503 and 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act of 1990; Section 402 of the Vietnam-Era Veterans Readjustment Assistance Act of 1974; Executive Order 11246; the Genetic Information Nondiscrimination Act of 2008; and the Vermont Fair Employment Practices Act, all as amended; and such other federal, state and local non-discrimination laws as may apply.

Contact Information

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

Contact Jihong Ma
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Burlington, VT 05405

Contact E-mail Jihong.Ma@uvm.edu