

**Assistant Professor (Tenure-Track) in Experimental Quantum Science and Engineering
University of Washington, College of Engineering: Materials Science & Engineering**

Location: Seattle, WA

Open Date: Sep 19, 2023

Description

The Department of Materials Science and Engineering, College of Engineering, University of Washington is seeking qualified candidates for a full-time, 9-month (Sept 16-June 15), tenure-track Assistant Professor position in the areas of experimental quantum material science and engineering, encompassing quantum information, quantum simulation, quantum sensing, and quantum matter, broadly defined. The position will start Fall 2024. The base salary range for this position will be \$11,000-15,000 per month, commensurate with experience and qualifications, or as mandated by a U.S. Department of Labor prevailing wage determination.

The Department of Materials Science & Engineering has a tradition of interdisciplinary collaborations and strong partnerships within UW and with other academic institutions, national labs, and industry. The major areas of research currently include theoretical and experimental optical, electronic, and magnetic materials, polymers, ceramics, composites, nanomaterials, energy materials, quantum materials and devices, biomaterials, medical devices, additive manufacturing, data science of materials, and computational materials science. The department currently consists of 21 active core teaching and research faculty, over 120 undergraduates and 160 graduate students. For more information on the department, please visit <http://www.mse.washington.edu>.

The successful candidate is expected to develop innovative, interdisciplinary, and externally funded research programs and establish strong collaborations locally, nationally, and worldwide. New faculty are expected to participate in designing and teaching a modern materials science and engineering curriculum, with expanded topics in quantum science and engineering, both at the undergraduate and graduate levels within the Department.

There are ample opportunities for new faculty to collaborate on a broad spectrum of interdisciplinary centers and institutes on campus including the Washington Nanofabrication Facility, NSF MRSEC Molecular Engineering Materials Center, QuantumX, the Clean Energy Institute, the NSF Science and Technology Center for Integration of Modern Optoelectronic Materials on Demand (IMOD), the Molecular Engineering & Sciences Institute, the Nanoengineering and Sciences Institute, eScience Institute, and many others.

The University of Washington, located in Seattle, Washington, the heart of the high-tech Pacific Northwest, is one of the world's leading universities, ranking No. 6 in Best Global Universities in 2023 by U.S. News & World Report (<https://www.usnews.com/education/best-global-universities/rankings>). The College of Engineering and the MSE Department foster a highly collegial and collaborative culture. Applications from women, underrepresented groups, individuals with disabilities, and covered veterans are strongly encouraged. We are committed to creating innovative and high-quality research and teaching programs that contribute to a diverse and inclusive campus environment.

Qualifications

The candidate must hold a Ph.D. or foreign equivalent in Materials Science, Applied Physics, Physics, Electrical Engineering, Physical Chemistry or related fields.

Application Instructions

Applications should include a cover letter, a curriculum vitae, a research statement (3 pages maximum), a teaching statement (2 page maximum), a diversity statement (2 page maximum), and contact information for three to five references. For full consideration, applications should be submitted by Dec. 1, 2023 to Interfolio at <http://apply.interfolio.com/132624>.

Inquiries about this position should be sent by email to the search committee chair, Prof. Charles Marcus (cmarcus@uw.edu), with "MSE Search" in the subject line.

Equal Employment Opportunity Statement

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

Benefits Information

A summary of benefits associated with this title/rank can be found at <https://hr.uw.edu/benefits/benefits-orientation/benefit-summary-pdfs/>. Appointees solely employed and paid directly by a non-UW entity are not UW employees and are not eligible for UW or Washington State employee benefits.

Commitment to Diversity

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (<http://www.washington.edu/diversity/diversity-blueprint/>). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (<https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432>).

Privacy Notice

Review the University of Washington Privacy Notice for Demographic Data of Job Applicants and University Personnel to learn how your demographic data are protected, when the data may be used, and your rights.

Disability Services

To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 or dso@uw.edu.