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The Department of Materials Science and Engineering at the University of Washington is seeking qualified candidates for a full-time tenure-track Assistant Professor position with a nine-month service period annually and primary expertise in the field of advanced composite materials and manufacturing to start Fall 2019. Specific areas of interest include emerging topics, such as new constituents, advanced or automated processing technologies and manufacturing schemes to overcome existing challenges, and novel architectures to realize the ‘next generation’ of advanced structural and multifunctional materials.

The Department of Materials Science & Engineering has a tradition of interdisciplinary collaborations and strong partnerships with other academic institutions, the national labs, and industry. We offer a highly collegial and collaborative culture, with broad interdisciplinary research ties across the campus. The major areas of research include materials and devices for medical imaging and therapy and biomimetics; composite materials and devices for printable solar cells, rechargeable batteries, and chemical separation applications; polymers for optoelectronics and photovoltaics; and materials structural engineering and manufacturing. For more information on the department, please visit <http://www.mse.washington.edu>.

The successful candidate will develop an innovative, interdisciplinary, externally-funded research program complementing the existing strengths of the department and enhancing strategic areas for future growth. He or she is also expected to develop an excellent teaching program that integrates well with his/her research program, and to teach courses at both undergraduate and graduate levels within the Department. The new hire will have ample opportunities to collaborate with a broad spectrum of interdisciplinary centers and institutes including the Boeing Advanced Research Center (BARC), Center for Advanced Materials in Transport Aircraft Structures (AMTAS), the Clean Energy Institute, the Molecular Engineering & Sciences Institute, and Nanoengineering and Sciences Institute, among many others.

The University of Washington, located in Seattle, the heart of the high-tech Pacific Northwest, is one of the world’s preeminent universities, ranking 20th in 2019 Top Public Colleges & Universities by US News & World Report and No. 10 in 2018 US News World Report ranking of Global Universities. We are building a culturally diverse faculty and staff, and strongly encourage applications from women and underrepresented minority candidates, individuals with disabilities, covered veterans, and people from other diverse and underrepresented groups. The University is a first-round awardee of the National Science Foundation’s ADVANCE Institutional Transformation Award to increase the advancement of female faculty in science, engineering, and math (see www.engr.washington.edu/advance) and the College of Engineering currently has 24.2% female faculty (ASEE 2017).

The candidate must hold a Ph.D. or foreign equivalent in Materials Science, Mechanical Engineering, Physics, or a closely related field, which may be complemented with relevant post-doctoral appointments or industrial experience; however, there is no minimum experience requirement for this position.

Applications should include a cover letter, a curriculum vitae, a research statement (3 pages maximum), a teaching statement, a diversity statement, and contact information for three to five references. For full consideration, applications should be submitted by December 15, 2018 to Interfolio at <http://apply.interfolio.com/55587>. The position is open until filled. Questions about this search or position should be directed to the search committee by email to Prof. Miqin Zhang (mzhang@uw.edu).

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.

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>).