

The Department of Materials Science and Engineering at the University of Washington is seeking qualified candidates for a full-time tenure-track faculty position (0116) with a nine-month service period with primary interests in the field of composite materials and manufacturing to start Fall 2018. Specific interests include emerging topics, including new constituents, new processing, and manufacturing schemes to overcome existing challenges, and novel architectures to realize the 'next generation' of advanced structural and multifunctional materials.

The Materials Science & Engineering Department has a tradition of interdisciplinary collaborations and strong partnerships with other academic institutions, the national labs, and industry. Major areas of research include biomedical imaging, biomimetics, drug delivery, printable solar cells, rechargeable batteries, chemical separation membranes, and manufacturing processes. The University of Washington faculty engage in teaching, research, and service. Therefore, the ideal candidate will welcome interdisciplinary collaborations and seek to develop a dynamic program that may involve other departments from the College of Engineering, from the chemical, physical and biological sciences, and from the School of Medicine. The selected faculty will have ample opportunities to collaborate with a broad spectrum of interdisciplinary centers and institutes including the Boeing Advanced Research Center (BARC), the Clean Energy Institute (CEI), Center for Advanced Materials in Transport Aircraft Structures (AMTAS), among many others.

The position requires that the candidate holds a Ph.D. or foreign equivalent, which may be complemented with relevant post-doctoral appointments or industrial experience. In addition, experience in both research and teaching is highly desirable. Successful applicants for this position will be expected to develop an innovative and quality teaching program that integrates research with instruction. He/she will be expected to teach both undergraduate and graduate courses within the Department.

The University of Washington, located in Seattle, the heart of the high-tech pacific northwest, is one of the world's preeminent universities, ranking 18th among public universities in the United States according to the 2017 US News & World Report and in the top 10 of US News World Report ranking of Global Universities. The Department's faculty have played a central role in major collaborative centers at the University such as the Clean Energy Institute and the Molecular Engineering & Sciences Institute. The department currently consists of 13 active core teaching and research faculty, 145 undergraduates and 90 graduate students. For more information on the department, please visit <http://www.mse.washington.edu>.

Application Instructions

How to Apply: Applicants should include the following document and information with their letter of application: A detailed resume, a list of publications, clear and concise statements of teaching, research interests and objectives (3 pages maximum), and the contact information of five referees. Evaluation of applicants will continue until the position is filled. Application materials must be submitted online via the College of Engineering's Faculty Search Tool at https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=235 (Reference #18008) Questions about the details of this search or position should be directed to the search committee by email to Prof. Dwayne Arola (darola@uw.edu).

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