

The University of Washington's Materials Science and Engineering Department seeks candidates for a full-time tenure-track faculty position with a nine-month service period in the area of computational materials science to begin July 2018 or on a mutually agreed date thereafter. Faculty duties include research, teaching at the graduate and undergraduate levels, and supervision of student research. Appointments at the level of Assistant Professor (0116) are preferred. Candidates should hold a Ph.D. in Materials Science and Engineering or a related field will be expected to maintain an active research program with the core principles of computational materials science including but not limited to, the development and implementation of new methods for simulating quantum materials, ab initio cluster calculations, density functional theory, and molecular dynamics for providing insight into the fundamental physical properties of a range of inorganic and organic materials and will be expected to connect to these initiatives.

UW has a number of university-wide initiatives underway or in development, on topics that include Materials [NSF Materials Research Science & Engineering Center (MRSEC)], Energy/ Environment [Clean Energy Institute], Manufacturing [Boeing Advanced Research Center (BARC)], Health, and Data and University of Washington faculty engage in teaching, research, and service. Individuals who can connect to these initiatives are preferred.

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 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

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=236](https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=236) (Reference #18008) Questions about the details of this search or position should be directed to the search committee by email to Prof. Peter Pauzaskie ([peterpz@uw.edu](mailto:peterpz@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.*