

Advanced Manufacturing Faculty Position at Oregon State University

The School of Mechanical, Industrial, and Manufacturing Engineering (MIME) at Oregon State University invites applications for a tenure-track assistant professor position in mechanical engineering with research expertise in computational multi-scale and multi-physics modeling, simulation, and analysis in the area of advanced manufacturing. The school is particularly interested in candidates whose research connects the material design phase with manufacturing through multi-scale and multi-physics modeling of process–structure–property relationships. Candidates with industry or national lab experience are encouraged to apply. Applicants must hold a doctorate in a relevant field.

This position advances the university’s strategic investments in computing capabilities associated with a new supercomputer to be installed in the planned Collaborative Innovation Complex. Other computing facilities available to support the successful candidates include the high-performance computing (HPC) cluster, the Center for Quantitative Life Sciences, and the Center for Genome Research and Biocomputing.

The successful candidate will be expected to initiate new externally funded research as well as expand, complement, and collaborate with existing research programs in the School, College of Engineering, and beyond. Complementarity with the College of Engineering’s signature research areas of artificial intelligence, materials science, robotics, or advanced manufacturing is preferred. The successful candidate will conduct original research, build relationships with industry partners, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

Oregon State University is located in Corvallis, OR with approximately 27,000 students enrolled. The College of Engineering is the largest college with approximately 9,000 students. Within the School of MIME, there are over 2,000 undergraduate and graduate students. OSU is situated on a beautiful 400-acre campus. OSU is located about 90 miles south of Portland, a major urban area with an international airport and thriving industry, and about 40 miles from the state capitol in Salem. Corvallis sits in the middle of Oregon’s finest recreational and scenic areas: ocean beaches, lakes, rivers, forests, high desert, and the rugged Cascade and coast mountain ranges are all within a short driving distance. Corvallis is an idyllic college town comprised of over 55,000 people. It has been rated one of America’s most livable small cities for its classic structures, tree-lined streets, and Willamette River frontage. The School of MIME offers undergraduate degree programs in mechanical, industrial, manufacturing, and energy systems engineering and graduate programs in mechanical engineering, industrial engineering, materials science, and robotics. As leaders in emerging interdisciplinary research areas, our faculty collectively garner more than \$12 million annually in research funding and are making an impact on the profession.

View the full position announcement at <https://jobs.oregonstate.edu/postings/123443> (posting #P05917UF). Apply online with a letter of interest; vita; a two-page statement of research interests; a one-page statement of teaching interests; a one-page statement outlining how your experience, education, and/or training will help us build a more inclusive, collaborative, and diverse community; and names and contact information for three references.

Review of applications will begin on **December 01, 2022** and will continue until positions are filled.



Oregon State
University

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