

TENURE-TRACK FACULTY POSITIONS IN
MECHANICAL ENGINEERING
Washington State University

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Posted Sep. 27, 2021, set to expire Mar. 26, 2022

Job Title	TENURE-TRACK FACULTY POSITIONS IN MECHANICAL ENGINEERING
Department	School of Mechanical & Materials Engineering https://mme.wsu.edu
Institution	Washington State University Pullman, Washington
Date Posted	Sep. 27, 2021
Application Deadline	Open Until Filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Mechanical Engineering Engineering - Other
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Job Description

The School of Mechanical and Materials Engineering (MME) in the Voiland College of Engineering and Architecture (VCEA) at Washington State University invites applications from outstanding candidates for multiple full-time tenure-track positions at the rank of Assistant or Associate Professor at WSU Pullman, WA campus.

Candidates with research interests in all areas of Mechanical Engineering will be considered, but priority will be given to candidates with research interests in (1) autonomous systems, and (2) thermo-fluids as applied to advanced transportation systems. Areas of interest within autonomous systems

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include autonomous control of mobile systems and manufacturing platforms, motion planning, sensing, multi-agent systems, long-term autonomy and field-robotics. Areas of interest within thermo-fluids include aspects of zero-emissions transport and associated infrastructure, such as hydrogen power, electric propulsion and/or renewable energy systems, and thermal management of power/control/drive systems, including power electronics and electric machines. Other areas that leverage and integrate with the current research strengths in the school are also of interest.

MME has an ambitious goal to grow its engagement in the area of autonomous controls and clean technologies by leveraging ties with the School of Electrical and Computer Engineering and other departments in WSU, and in collaboration with the technology industry. It is expected that the successful candidates will collaborate with the current faculty to play leading roles in building strong, externally-funded interdisciplinary research teams.

REQUIREMENTS: It is required that applicants have an earned Ph.D. in mechanical engineering or a related field by the employment start date and excellent verbal and written communication skills. It is preferred that applicants have demonstrated commitment to collaborate with internal and external groups to build interdisciplinary teams with substantial externally-funded research portfolios. The successful applicant will be expected to play a leadership role in research, and be an effective instructor for undergraduate and graduate classes in mechanical engineering. Candidates at the Associate Professor level must possess superior leadership skills and experience applicable to leading large, externally-funded research programs. We seek candidates who demonstrate strong commitment to the advancement of diversity, equity, and inclusion with respect to gender, ethnicity, underrepresented minority status, first-generation status and socioeconomic status.

HOW TO APPLY: Applications should include a cover letter describing relevant experience and interest in the position; curriculum vitae; statements of research interests and teaching philosophy; a statement on the candidate's commitment to equity, diversity and inclusion in education and research; and the names of five references with titles, addresses, telephone numbers, and e-mail addresses.

Apply for this opportunity at:

https://wsu.wd5.myworkdayjobs.com/en-US/WSU_Jobs/job/Assistant-or-Associate-Professor_R-2708

TIMELINE: Screening of applications will begin on November 1, 2021, and continue until the position is filled.

ABOUT MME: The School of Mechanical and Materials Engineering currently has about 40 instructional faculty members, 900 undergraduate students, 110 PhD students and 40 MS students. The current annual extramural research expenditure in MME is over \$9 million. For more information

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about WSU and the School of MME, please visit our home page: www.mme.wsu.edu.

ABOUT WSU: Washington State University is one of the nation's top 35 public research universities in both Mechanical Engineering and Materials Engineering, according to U.S. News and World Report. WSU is among 108 public and private universities in America recognized with the "very high research activity" categorization and among 240 universities and colleges nationwide to earn the "community engagement" classification from the Carnegie Foundation. Close collaborations exist with the Pacific Northwest National Laboratory (PNNL) in Richland, WA, and the University of Idaho in Moscow, Idaho. WSU has excellent faculty-friendly policies, including a partner accommodation program.

ABOUT PULLMAN: With a population of 33,000, Pullman is a quintessential college town—one of the top 10 in the nation according to MSN's 2012 report on the "Best College Towns in North America." Recognized by Bloomberg Businessweek as the "Best Place to Raise Kids" in Washington State, Pullman consistently boasts one of the top school districts in the state. Situated to the east of the Cascade Mountains, Pullman enjoys a dry four-season climate, with sunny, warm summers, relatively mild winters, and excellent access to outdoor recreational opportunities. To learn more about the Pullman community, visit: <http://www.pullmanchamber.com>.

WSU is an EEO/AA/ADA employer committed to providing equal opportunity without regard to national origin, race, religion, sex, sexual orientation, age, disability, or any other basis prohibited by applicable law. WSU is committed to excellence through diversity, has faculty friendly policies including a partner accommodation program, on-site childcare availability, and a NSF ADVANCE Institutional Transformation grant to increase the advancement of women faculty in science, engineering and math (see <https://advance.wsu.edu/initiatives/>). These open positions are part of WSU's priority to build a diverse faculty and, as such, female and minority candidates are strongly encouraged to apply.

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Washington State University
405 NE Spokane Street
Pullman, WA 99164