



THE OPPORTUNITY:

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 tenure-track/tenured positions at any rank.

Candidates with research interests in all areas of Mechanical Engineering will be considered, but priority will be given to candidates whose research interests align with the priorities of the School, specifically: Robotics/Machine learning and Manufacturing/Design. The specific areas of interest include, but are not limited to: automation and control in next-generation manufacturing technologies, machine learning in measurement and control, agricultural robotics, design for additive manufacturing, micro/nano-manufacturing or a related area of advanced manufacturing.

MME has an ambitious goal to grow its engagement in the area of autonomous controls with multiple hires in the next few years, and by leveraging its strong ties with the School of Electrical and Computer Engineering through collaborative efforts. MME has significant facilities and engagement in additive manufacturing and design, and intends to further strengthen this. 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.

SCHOOL OF MECHANICAL & MATERIALS ENGINEERING

CALL FOR MULTIPLE TENURE-TRACK OR
TENURED FACULTY MEMBERS

TITLE:

Assistant, Associate or Full Professor

LOCATION:

Washington State University – Pullman
Campus

SALARY:

Competitive salary, commensurate
with qualifications and experience

START:

August 16th, 2020 (negotiable)



ABOUT WSU

Washington State University is one of the nation's top 36 public research universities in both Mechanical Engineering and Materials Engineering, according to *U.S. News and World Report (2016)*. 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.

RESPONSIBILITIES:

It is expected that the successful candidates will, in collaboration with the current faculty, play a leading role in building interdisciplinary teams with substantial external research funding in the respective areas. Additional hires are expected in the next few years. Candidates must show a record of accomplishments that demonstrates the potential to become an outstanding scholar and educator, and possess a record of accomplishments demonstrating outstanding scholarly and educational activities.

Candidates' interests and research plan should align with the priorities of the School. The specific areas of interest include, but are not limited to: automation and control in next-generation manufacturing technologies, machine learning in measurement and control, agricultural robotics, design for additive manufacturing, micro/nano-manufacturing or a related area of advanced manufacturing.

QUALIFICATIONS:

Required:

Applicants must have earned a Ph.D. in mechanical engineering or a related field by the time of hire/offer, show a record of accomplishments that demonstrates the potential to become an outstanding scholar and educator and potential to build a robust research program, possess a record of accomplishments demonstrating outstanding scholarly and educational activities, and excellent communication skills.

Preferred:

It is preferred for the applicants to have demonstrated commitment to collaborate with internal and external groups to build successful interdisciplinary teams with substantial externally-funded research portfolios.

Candidates at the Full Professor level must possess superior leadership skills and experience applicable to leading large interdisciplinary research programs.



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>.

ABOUT MME:

The School of Mechanical and Materials Engineering currently has over 40 instructional faculty members, 900 undergraduate students, 110 PhD students and 40 MS students. The current annual extramural research expenditure in MME is over \$8 million. For more information about WSU and the School of MME, please visit our home page: <https://mme.wsu.edu/>.

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; and the names of five references with titles, addresses, business telephone numbers, and e-mail addresses. References will not be contacted without consent from applicants. The application must be submitted online at wsujobs.com.

Apply at: <https://www.wsujobs.com/postings/46906>

TIMELINE:

The screening of applicants will begin on **October 1, 2019** and continue until the positions are filled. Applications will be accepted until all positions are filled.

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.