



## 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 two tenure-track/tenured positions at any rank, in the general areas of (a) Manufacturing and Design, and (b) Robotics and Machine learning. Candidates at the Associate/Full Professor rank are preferred, but truly exceptional candidates at the Assistant Professor rank will be considered.

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

MME has significant facilities and engagement in additive manufacturing and design. The current engagement in robotics and machine learning involves collaborative efforts in MME and the School of Electrical and Computer Engineering. It is expected that the successful candidates will, in collaboration with the current faculty, play a leading role in building interdisciplinary teams with a substantial externally-funded research portfolio in the respective areas where additional hires are expected in the next few years.

### SCHOOL OF MECHANICAL & MATERIALS ENGINEERING CALL FOR TWO TENURE-TRACK OR TENURED FACULTY MEMBERS

WSU Position # 120168

TITLE:  
Associate or Full Professor

LOCATION:  
Washington State University – Pullman  
Campus

SALARY:  
Competitive salary, commensurate  
with qualifications and experience

START:  
August 16<sup>th</sup>, 2019 (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 a substantial externally-funded research portfolio in the respective areas where 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: design for additive manufacturing, micro/nano-manufacturing or a related area of advanced manufacturing, automation and control in next-generation manufacturing technologies, machine learning in measurement and control, agricultural robotics.

## QUALIFICATIONS:

### Required:

Applicants must have earned a Ph.D. in mechanical engineering or a related field by the time of hire/offer, demonstrated record of scholarly work and potential to establish a robust research program, 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.

Successful applicants for both positions will be expected to play leadership roles in the respective areas, and be effective instructors for undergraduate and graduate classes in mechanical engineering.

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 about 40 instructional faculty members, 900 undergraduate students, 100 PhD students and 50 MS students. The current annual extramural research expenditure in MME is over \$7 million. For more information about WSU and the School of MME, please visit our home page: [www.mme.wsu.edu](http://www.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](http://wsujobs.com).

Apply at: <https://www.wsujobs.com/postings/41622>

## TIMELINE:

Screening of applicants will begin **January 22, 2019** and continue until the 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.*