The School of Mechanical, Industrial, and Manufacturing Engineering at Oregon State University in Corvallis, OR invites applications for a full-time tenure-track faculty position within the area of sensor design, modeling, and system characterization with application to manufacturing process control, cyber-physical systems and the internet-of-things. Appointments will be considered at Assistant, Associate and Full Professor levels depending on qualifications of the applicant. The School has research threads in advanced manufacturing, next-generation materials, human-centered systems, design engineering, robotics, energy conversion and renewable energy systems that cut across the disciplines of mechanical, industrial, manufacturing and energy systems engineering.

PhD in mechanical, industrial, manufacturing or systems engineering or related area required prior to position start date required. Duties include research in mechanical engineering, teaching and service. Preference will be given to candidates with strong research interests in the above research threads and teaching ability in sensor design and modeling. For full consideration, apply online by December 15, 2015 with a letter of interest; vita; two-page statement of research interests; one-page statement of teaching interests; one-page statement of philosophy toward equity and inclusion; and names and contact information for four references. Full position announcement at: http://mime.oregonstate.edu/jobs/.
The Schools of Electrical Engineering and Computer Science and Mechanical, Industrial, and Manufacturing Engineering at Oregon State University in Corvallis, Oregon invites applications for a full-time tenure-track faculty position within the area of computational materials science. Expertise is sought in modeling at the material microstructure and interface level using methods such as molecular dynamics, dislocation dynamics, ab-initio, and phase field modeling. Appointment may be in either School depending on disciplinary alignment. Appointments will be considered at Assistant, Associate and Full Professor levels depending on qualifications of the applicant. The Schools have existing research threads in structural materials, novel electronic, photonic, magnetic, and sensing materials and devices, energy conversion, robotics, advanced manufacturing, and renewable energy systems that span the traditional academic disciplines of mechanical, electrical, industrial, manufacturing, and computer science.

PhD in Materials Science, Electrical Engineering, Physics, Chemistry or a related field prior to position start date. Duties include research in mechanical and/or electrical engineering, teaching and service. Preference will be given to candidates with strong research interests in the above research threads. For full consideration, apply online by December 15, 2015 with a letter of interest; vita; two-page statement of research interests; one-page statement of teaching interests; one-page statement of philosophy toward equity and inclusion; and names and contact information for four references. Full position announcement at: http://mime.oregonstate.edu/jobs/.