

**The Department of Mechanical & Materials Engineering
is seeking outstanding candidates for a
TENURE-TRACK POSITION IN ADVANCED MANUFACTURING**

Applications are invited for an exceptional candidate in the area of **Advanced Manufacturing** in the Department of Mechanical & Materials Engineering, Faculty of Engineering, effective January 1, 2022 or as soon as possible thereafter. The successful applicant will receive a Probationary (tenure-track) appointment at the rank of Assistant or Associate Professor. The rank will be commensurate with the successful applicant's qualifications and experience in teaching and research.

We seek an energetic and dynamic colleague who will be able to positively contribute to both teaching and research efforts in the Department in the area of advanced manufacturing. All specialties within the broadly defined area of advanced manufacturing will be considered, including; additive manufacturing, composite manufacturing, sensors, MEMS and NEMS, digitalization of manufacturing and Industry-4.0, artificial intelligence, autonomous processes, process analytics, among others, studied by theoretical, computational and/or experimental methodologies.

For a probationary appointment, successful candidates will have completed a PhD degree in Mechanical, Industrial or Materials Engineering, or relevant similar field, demonstrate excellence or clear promise of excellence in research, including evidence of high-quality scholarly output that demonstrates independent research potential leading to peer assessed publications and the securing of external research funding. The candidate should provide evidence of teaching at the university level and will be expected to teach a variety of introductory and advanced mechanical engineering undergraduate and graduate courses, including courses on advanced manufacturing, industrial processes, additive manufacturing, and MEMS and NEMS. In addition, the candidate will be expected to supervise graduate students and participate in other educational and professional activities including administrative duties within the Department, Faculty and University. He/she will also be strongly encouraged to build collaborations with other researchers in MME and in other Departments and Faculties across campus. The ability to become eligible for registration as a Professional Engineer in Ontario is required for this appointment.

Situated along the banks of the Thames River in picturesque London, Ontario, a city with a population of approximately 350,000, Western University is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western University has a full-time enrollment of about 32,000 students in a range of academic and professional programs. Further information about Western can be found at <http://www.uwo.ca/>, the Faculty of Engineering at <http://www.eng.uwo.ca/>, the Department of Mechanical and Materials Engineering at <http://www.eng.uwo.ca/mechanical/>. Western Engineering's Mission, Vision and Values can be found at http://www.eng.uwo.ca/faculty_staff/img/Values_Mission_Statement.pdf. Western's Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

The Department of Mechanical & Materials Engineering has research expertise in; biomechanics, design and manufacturing, mechatronics, robotics, sensors, controls, materials, solid mechanics, and thermo-fluids. Western Engineering is home to nine leading research institutes and centres such as the Fraunhofer Project Centre for Composites Research and the Institute for Chemicals and Fuels from Alternative Resources, as well as university research infrastructure including the specialized facilities of the nano-fabrication laboratory, Surface Science Western, and the Wind Engineering, Energy and Environment (WindEEE) Research Institute.

Western University

If you share our commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please send (i) a detailed curriculum vitae, (ii) a description of teaching experience and philosophy, (iii) a brief description of your current research program, accomplishments, and future plans, (iv) copies of representative publications, and (v) the names of three referees. Applications should be sent to:

Dr. A.G. Straatman, Chair,
c/o K. Henry, Administrative Officer
Department of Mechanical and Materials Engineering
Western University
London, Ontario, Canada N6A 5B9
Email: karen.henry@uwo.ca

Consideration of applications will commence on July 1, 2021 and will continue until the position is filled. Please ensure that the form available at <http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> is completed and included in your application submission.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Karen Henry by phone at 519-661-2111 extension 82136.

Posted on Faculty Relations website March 15, 2021 (#2021-010)