

**The Department of Mechanical & Materials Engineering and the Department of Surgery
are seeking outstanding candidates for an
ENDOWED CHAIR IN SPINE AND TRAUMA BIOMECHANICS**

Applications are invited from exceptional candidates for the position of *Et5PEal tceffective*
after. The successful applicant will receive a Probationary
Assistant or Associate Professor, or a Tenured appointment at
the rank and tenure status will be commensurate with the
experience in teaching and research.

Materials Engineering and the Department of Surgery at Western
academic candidate who will be able to contribute to research and
of academic service for both departments.

Successful candidate will have completed a Ph.D. degree and
engineering with a clear focus on human biomechanics, such as
computational modeling and/or mechanobiology, or a closely related
discipline. The candidate must demonstrate excellence or clear promise of excellence in research,
a strong publication record and research output that demonstrates independent research potential
and the securing of external research funding. The candidate must
also demonstrate excellence in the teaching and training of students at

Successful candidate will have completed a Ph.D. degree and advanced
graduate research with a clear focus on human biomechanics, such as orthopaedic
and/or mechanobiology, or a closely related discipline. The
candidate must demonstrate excellence in research and impact through publications in the
established internationally-recognized, externally-funded research
community and industrial collaborations. An exceptional profile with
teaching excellence at the undergraduate and graduate levels is also required.

Situated along the banks of the Thames River in picturesque London, Ontario, a city with a population of approximately 380,000, 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 the Department of Mechanical and Materials Engineering can be found at <http://www.eng.uwo.ca/mechanical/>, the Faculty of Engineering at <http://www.eng.uwo.ca/>, the Division of Orthopaedic Surgery at https://www.schulich.uwo.ca/surgery/divisions/orthopaedic_surgery.html, the Department of Surgery at <https://www.schulich.uwo.ca/surgery/>, the Schulich School of Medicine & Dentistry at <https://www.schulich.uwo.ca>, and Western at <http://www.uwo.ca/>.

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 thermofluids. Western University research infrastructure includes special facilities, including the Nanofabrication Laboratory, Surface Science Western, Wind Engineering, Energy and Environment (WindEEE) Dome, and Fraunhofer Project Centre for Composites Research.

The Department of Surgery has over 100 surgeons and scientists, one basic science graduate degree program, and seven Royal College academic training programs; enrolling over 160 trainees at various levels. Research expertise in the Department of Surgery is focused within four research nodes: Fundamental Sciences and Surgical Innovation, Surgical Education, Big Data, and Quality and Patient-Centred Research.

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. O. Remus Tutunea-Fatan, Acting Chair,
c/o Ms. Karen Henry, Administrative Officer
Department of Mechanical and Materials Engineering
Western University

London, Ontario, Canada N6A 5a5ed [(a)1.002 Tw 0.795 0 Td ()Tj EMC /P 7</MO

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.

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