



NSERC INDUSTRIAL RESEARCH CHAIR in COMPOSITE MATERIALS
FACULTY OF ENGINEERING

Applications are invited from exceptional candidates for the position of *NSERC Industrial Research Chair in Composite Materials* in the Faculty of Engineering, effective July 1, 2018 or as soon as possible thereafter. The successful applicant will receive a Probationary (tenure-track) appointment at the rank of Associate Professor, or a tenured appointment at the rank of Associate Professor or Professor. The rank will be commensurate with the successful applicant's qualifications and experience. The possibility exists for a joint or cross appointment between the Departments of Chemical & Biochemical Engineering (CBE) and Mechanical & Materials Engineering (MME). This academic position is conditional upon being a successful recipient of the NSERC Industrial Research Chair award.

The Faculty of Engineering at Western University, in collaboration with BASF as the industrial partner, seeks an energetic and dynamic candidate who will be able to contribute to research and teaching efforts as well as other aspects of academic service. Qualified applicants must have a PhD and advanced training in composite materials for high volume production, in areas such as composite development and testing, fiber-reinforced composites, property characterization and/or composite processing. The successful candidate will have demonstrated outstanding research potential and an independent publication record. He or she will be expected to develop and maintain an ongoing vigorous research program in collaboration with faculty within the Chemical & Biochemical Engineering and/or Mechanical & Materials Engineering Departments and academic researchers at the Fraunhofer Project Center for Composites Research at Western (FPC). He or she will be expected to attract external research funding, supervise graduate students, as well as teach undergraduate and graduate courses. The appointee will join an established team of researchers with complementary expertise, and have the opportunity to conduct research in composite materials within internationally renowned centers and facilities at Western University, which include the International Composite Research Center (ICRC), Surface Science Western, and the Fraunhofer Project Center (FPC).

For a probationary appointment, successful candidates will have completed a Ph.D. degree in the appropriate Engineering field, or a closely related discipline, 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.

For a tenured appointment, successful candidates will have completed a Ph.D. degree in the appropriate Engineering field, provide evidence of excellence in research and impact through publications in the highest quality journals, and have an established internationally-recognized, externally-funded research program, with evidence of interdisciplinary and industrial collaborations. An exceptional profile with respect to teaching and training of students at the undergraduate and graduate levels is also required.

The appointment is contingent upon the successful award from the NSERC Industrial Research Chair program (www.nserc-crsng.gc.ca/Professors-Professeurs/CFS-PCP/IRC-PCI_eng.asp). The criteria for that program include (but are not limited to): proposal must be in an area of high priority for both the University and the industrial partner, and candidates must have (a)

demonstrated exceptional promise relative to their peers in their field of research, (b) demonstrated the capacity to conduct a significant independent research activity, (c) a significant publication and Highly Qualified Personnel training record, and (d) the ability to interact with industry and nurture partnerships. The Industrial Research Chair application to NSERC will be developed as a joint effort between the University, the industrial partner, and the successful candidate.

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 Chemical and Biochemical Engineering at <https://www.eng.uwo.ca/chemical/>, and the Department of Mechanical and Materials Engineering at <http://www.eng.uwo.ca/mechanical/>. Western Engineering is embarking on a major expansion of faculty to complement a planned growth in student numbers. 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.

If you share a 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 one-page teaching statement describing your teaching experience and philosophy, (iii) a concise research statement of interests describing your current research program, accomplishments and future plans, and (iv) contact details of at least three professionals who can provide letters of support to. Applications should be sent to:

Dr. Ajay Ray, Chair
c/o Myriam Delgado, Administrative Officer
Chemical & Biochemical Engineering, Faculty of Engineering
Western University
London, Ontario, Canada N6A 5B9
Email: mdelgad@uwo.ca

Consideration of applications will commence on September 30, 2017 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 Myriam Delgado by phone at 519-661-2111 ext: 81280.

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