



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:  
Toll Free Phone: (866) 225-9067  
Toll Free Fax: (877) 825-7564  
L9 P23 R4074 HWY 596 - Box 109  
Keewatin, ON P0X 1C0

# Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/04

## Tenure-Track Assistant Professor in Experimental and Computational Modelling of Fluid Mechanics and Heat Transfer

<b>Job ID</b>	<b>79645129</b>
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=79645129">https://careers.indigenous.link/viewjob?jobname=79645129</a>
<b>Company</b>	University of Windsor
<b>Location</b>	Windsor, Ontario
<b>Date Posted</b>	From: 2017-10-02 To: 2017-12-01
<b>Job</b>	Type: Full-time Category: Education
<b>Job Start Date</b>	July 1, 2018
<b>Job Salary</b>	TBD
<b>Languages</b>	English

### Description

Position # 002015TT-2018-MAME-SPF50-59

The University of Windsor's Department of Mechanical, Automotive and Materials Engineering (MAME) invites applications for a tenure-track Assistant Professor position in the area of Experimental and Computational Modelling of Fluid Mechanics and Heat Transfer commencing July 1, 2018. This position is subject to final budgetary approval.

This position is one of 50 new tenure-track Assistant Professor appointments that the University of Windsor is making over three years as part of a visionary strategic investment in our students and faculty. This cohort of 50 new teachers, scholars, researchers, and creators will demonstrate both disciplinary grasp and interdisciplinary reach, providing extraordinary leadership in research, teaching, and learning for a new generation. For more information on the 50 new appointments, visit us at <http://www.uwindsor.ca/50newprofs>.

Located at one of Canada's major international intersections, the University of Windsor, considered to be Canada's most personal comprehensive university, plays a leading role in the future of the region and the province of Ontario. Furthermore, the Faculty of Engineering, with over 2000 undergraduate and over 500 graduate students, is a thriving program within the University with strong connections to the community and industry. MAME is the largest department in the Faculty of Engineering, offers multi-faceted programs that tackle real-world problems, interacts with local industry, and provides its students with ample opportunities for hands-on experience. The Faculty of Engineering has a strong commitment to high quality research and in its new \$120M new home, the Ed Lumley Center for Engineering Innovation (CEI), offers an excellent environment for teaching and research. For further information about MAME, visit our website at <http://www.uwindsor.ca/mame>.

The successful candidate must have research interests and demonstrated expertise in the field of experimental and computational turbulent flows. A research focus on characterization of complex multiphase turbulent flows, mixing in non- and reacting flows, and fluid-structure interactions with applications to automotive, aerospace, energy and environmental engineering is paramount. Expertise in modelling and measurement of heat transfer in such flows is also an asset. The candidate is expected to establish and lead a recognized research program that is externally funded and complements the existing expertise in the Department, Faculty and the University. Teaching duties include undergraduate and graduate courses in the Department, not only in core Mechanical Engineering courses in fluid mechanics, thermodynamics and heat transfer, but also topics on thermo-fluid dynamics of two-phase flows, kinematics of mixings, and computational fluid dynamics. Supervision of graduate students, and engagement in departmental and university service activities are also required. Prior teaching experience is an asset.

Individuals with an undergraduate degree and a PhD in Industrial Engineering or a closely related field with a demonstrated potential for scholarly research, as well as a commitment to undergraduate/graduate teaching are encouraged to apply. Registration or eligibility to register as a Professional Engineer in the Province of Ontario is required. This normally requires an undergraduate degree in Engineering from an accredited/recognized university.

### Application Requirements

- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- two (2) page outline of research interests and accomplishments;
- samples of scholarly writing or working papers, including (if applicable) clear indications of your contribution to any jointly authored pieces;
- a teaching dossier or teaching portfolio showing a potential for or evidence of teaching effectiveness and excellence that would include sample course syllabi/outlines, teaching evaluations, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at <http://www.uwindsor.ca/ctl/links-pd>);
- graduate transcripts; and
- four (4) names and addresses of potential referees who could provide letters of reference

To ensure full consideration, complete an online application (<http://www.uwindsor.ca/facultypositions>) found on the job advertisement by November 15, 2017. The short-listed candidates may be invited to provide further information in support of their applications. Only those applicants selected for interview will be contacted. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

Questions and Reference Letters to be sent to:

Dr Andrzej Sobiesiak, Head, Mechanical, Automotive and Materials Engineering,

Faculty of Engineering, University of Windsor, 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4,  
Phone: 519-253-3000 Ext. 2596; Email: [mameng@uwindsor.ca](mailto:mameng@uwindsor.ca)

The University of Windsor is a comprehensive research and teaching institution with more than 15,500 students. We are a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Sexual Minorities) are encouraged to apply and to self-identify. If you need an accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator ([recruit@uwindsor.ca](mailto:recruit@uwindsor.ca)). Should you require further information on accommodation, please visit the website of the Office of Human Rights, Equity & Accessibility (<http://www.uwindsor.ca/ohrea>). All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.