

Assistant Professor Position in Operations Research and  
Statistical Modeling  
University of Calgary

Direct Link: <https://www.AcademicKeys.com/r?job=173403>

Downloaded On: Jan. 18, 2022 6:29am

Posted Nov. 25, 2021, set to expire Jan. 31, 2022

<b>Job Title</b>	Assistant Professor Position in Operations Research and Statistical Modeling
<b>Department</b>	Mechanical & Manufacturing Engineering, Schulich School of Engineering <a href="https://engg.careers.ucalgary.ca/">https://engg.careers.ucalgary.ca/</a>
<b>Institution</b>	University of Calgary Calgary,
<b>Date Posted</b>	Nov. 25, 2021
<b>Application Deadline</b>	Jan. 31, 2022
<b>Position Start Date</b>	Jul. 1, 2022
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Engineering Mechanics Manufacturing & Quality Engineering
<b>Job Website</b>	<a href="https://careers.ucalgary.ca/jobs/8031946-assistant-professor-position-in-operations-research-and-statistical-modeling-mechanical-and-manufacturing-engineering-schulich-school-of-engineering">https://careers.ucalgary.ca/jobs/8031946-assistant-professor-position-in-operations-research-and-statistical-modeling-mechanical-and-manufacturing-engineering-schulich-school-of-engineering</a>
<b>Apply Online Here</b>	<a href="https://careers.ucalgary.ca/jobs/8031946-assistant-professor-position-in-operations-research-and-statistical-modeling-mechanical-and-manufacturing-engineering-schulich-school-of-engineering">https://careers.ucalgary.ca/jobs/8031946-assistant-professor-position-in-operations-research-and-statistical-modeling-mechanical-and-manufacturing-engineering-schulich-school-of-engineering</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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Manufacturing Engineering, Schulich School of Engineering

The Department of Mechanical and Manufacturing Engineering in the Schulich School of Engineering at the University of Calgary is pleased to invite applications for a tenure-track position at the rank of Assistant Professor. The anticipated start date is July 1, 2022.

The department is interested in candidates with expertise in operations research and statistical modeling with applications such as human factors in advanced manufacturing, advanced manufacturing system modelling and optimization, quality assurance and uncertainty quantification, reliability engineering, big data analytics, and sustainable manufacturing systems.

We are seeking a candidate who will be a leader in their field, passionate about teaching, support positive learning outcomes and student experience, and add to the diversity of our collegial and vibrant academic community.

The successful candidate is expected to be an emerging scholar with an original, creative, and promising research program, with demonstrated excellence in intellectual and scholarly endeavors. This will be evidenced by scholarly output and research impact that demonstrates the potential for an independent and internationally recognized research program leading to high-quality publications, attracting external research funding, local and international collaboration, and providing an excellent training environment for graduate students and research personnel.

The successful candidate is expected to have a demonstrated ability to develop and teach a range of undergraduate and graduate courses in the core mechanical engineering program curriculum as well as topics related to manufacturing engineering and product design. You will actively contribute to teaching, curriculum development, graduate student supervision and mentoring, and are expected to provide service in support of the Department, School, University, and Profession. As a member of the University of Calgary community, you will support and contribute to equity, diversity, and inclusion (EDI), and a positive working and learning environment.

To be eligible for consideration, candidates must hold or have completed a Doctoral degree in Mechanical Engineering, Manufacturing, Industrial Engineering, Operations Research, or a closely related discipline by the start date. Applicants with relevant industrial experience are encouraged to apply. Candidates should have strong oral and written English communication skills. All candidates should be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

The successful candidate will benefit from a rich ecosystem that includes world-class research and

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teaching scholars, a focus on both fundamental and applied research as well as entrepreneurship and innovation, and a university community that supports inclusive excellence and transdisciplinary partnership and collaborations. You will also benefit from the Engineering School's strong commitment to EDI through cultivating an environment that fosters a sense of belonging, respect, and community of support, where diversity is valued and celebrated. The Schulich School of Engineering has received numerous awards and recognitions for its leadership and initiatives in advancing EDI. The Schulich School of Engineering strategic plan, Catalyst for a Connected World, commits the School to enhancing global research impact, enriching student experience, and expanding access to engineering. The School is a key contributor to the University of Calgary's Growth Through Focus plan, which emphasizes transdisciplinary scholarship, deeper community integration, and future-focused program delivery.

### Application Instructions:

To apply please visit the UCalgary Careers page; <https://careers.ucalgary.ca/jobs/8031946-assistant-professor-position-in-operations-research-and-statistical-modeling-mechanical-and-manufacturing-engineering-schulich-school-of-engineering>.

Interested individuals are encouraged to submit an application online via the 'Apply Now' link. Please be aware that the application process allows for only four attachments. The four attachments should be organized to contain the following (which may require you to merge documents):

- ? Cover letter and Curriculum Vitae, including the name and contact information of three referees
- ? Statement of EDI experience, contribution, and leadership plan (up to 2 pages)
- ? Statement of research interests, accomplishments, and vision (up to 2 pages) and one of your research manuscripts (published or under preparation), all combined into one document
- ? Statement of teaching philosophy (up to 2 pages)

Your statements on EDI, research, and teaching are equally important when assessing your application. Applications exceeding the page limit per statement will be disregarded.

Applications will be accepted until January 31, 2022.

The University of Calgary has launched an institution-wide Indigenous Strategy in line with the foundational goals of Eyes High, committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

### Additional Information

To learn more about academic opportunities at the University of Calgary and all we have to offer, view our Academic Careers website. For more information about the Schulich School of Engineering visit

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Careers in the Schulich School of Engineering.

#### COVIDSafe Campus Strategy

The University has implemented a new Vaccination Directive that requires all faculty and staff to be fully vaccinated against COVID-19 by January 1, 2022. You will be required to upload proof of vaccination prior to commencing your duties. Please review the COVIDSafe Campus website for further information and access to additional resources.

#### About the University of Calgary

The University of Calgary is Canada's leading next-generation university - a living, growing and youthful institution that embraces change and opportunity with a can-do attitude. Located in the nation's most enterprising city, the university is making tremendous progress on its Eyes High journey to be recognized as one of Canada's top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit [ucalgary.ca](http://ucalgary.ca).

#### About Calgary, Alberta

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

#### **EEO/AA Policy**

The University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. In this connection, at the time of your application, please answer the following question: Are you a Canadian citizen or a permanent resident of Canada? (Yes/No)

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**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact**

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Canada