Faculty Position for Assistant Professor in Materials Engineering

The Department of Mechanical Engineering invites applications for a tenure-track faculty position at the level of Assistant Professor in the area of Materials Engineering. Please see Qualifications & Contact Information below.

The Department of Mechanical Engineering at the University of Victoria offers Bachelors, Masters, and Ph.D. degree programs. The Department is known for its strong, vibrant and well-funded research programs at the forefront of technology. We have research excellence in Sustainable Energy Systems, Advanced Materials, Advanced Vehicles, Biomedical Systems, Aerospace, Mechatronics, and Robotics. We have 27 faculty members, including two Canada Research Chairs, over 550 undergraduate students, and 150 graduate students. Industrial collaboration enriches our teaching and research activities, along with encouragement of our undergraduates to participate in various team-based experiential learning activities. With an excellent collegial atmosphere, the Department attracts outstanding faculty and staff, as well as superb graduate and undergraduate students. Further information on the Department can be found on the web at http://www.uvic.ca/engineering/mechanical/.

The University of Victoria is consistently ranked in the top tier of Canada’s research-intensive universities. Vital impact drives the UVic sense of purpose. As an internationally renowned research and teaching hub, we tackle essential issues that matter to people, places and the planet. Situated in the Pacific Rim, our location breeds a profound passion for exploration. Defined by its edges, this extraordinary environment inspires us to defy boundaries, discover, and innovate in exciting ways. It’s different here, naturally and by design. We live, learn, work and explore on the edge of what’s next—for our planet and its peoples. Our commitment to research-inspired dynamic learning and vital impact make this Canada’s most extraordinary environment for discovery and innovation. Experience the edge of possibilities for yourself.

The University of Victoria Campus is located on the traditional lands of the Coast Salish Peoples and we are privileged to do our work in a way that is inspired by their history, customs, and culture. Please see the University of Victoria’s Territory Acknowledgement for more information.

The Mechanical Engineering Program values candidates who share our commitment to equity and diversity in scholarship and teaching.

Faculty and Librarians at the University of Victoria are governed by the provisions of the Collective Agreement. Members are represented by the University of Victoria Faculty Association (www.uvicfa.ca).

Qualifications & Contact Information
The successful candidate will be an emerging researcher in the field of Materials Engineering who demonstrates research creativity; will have a critical understanding of Materials Engineering research and design; and will propose an original, innovative research program of high quality with the potential to achieve international recognition. Candidates with a background in novel material research and creation, in one or more areas of: polymers, composites, ceramics, bulk crystals, and
metallic materials are encouraged to apply. Candidates should be familiar with material design, processing, characterization, and advanced manufacturing (digitalization of manufacturing and Industry-4.0). Candidates with research interest in the environmental and sustainability implications of material choices in design and manufacturing are encouraged. Candidates for the position must hold a PhD Degree in Mechanical, Materials, or similar Engineering. They must have strong commitment to research excellence, undergraduate teaching in a broad range of courses, mentoring and supervision of students, excellent verbal and written communication skills, and collaboration. Candidates who identify as female or as members of other under-represented groups are strongly encouraged to apply. Candidates must be registered as a Professional Engineer, or be eligible for and committed to registration. The successful applicant will be expected to teach at the undergraduate and graduate levels, and actively participate in the academic operations of the Department. Previous teaching experience is an asset.

All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadians and permanent residents will be given priority. Please indicate in your application package if you are a Canadian citizen or permanent resident.

Candidates should submit a single PDF document that includes: (1) a cover letter providing an overview of the candidate’s qualifications and how their research experience will complement the position as described; (2) a detailed curriculum vitae; (3) a max 3-page description of the candidate’s proposed research program; (4) a max 2-page description of the candidate’s teaching experience and philosophy; (5) a statement on commitment to equity and diversity; and (6) contact information for four referees. To be considered, please submit your application package via email to: mech.asst.chair@uvic.ca, with the subject line “Mech Materials Eng Position” by Sept 21st, 2021.

Applications should be addressed to:

Dr. B. Buckham
Acting Chair, Department of Mechanical Engineering
University of Victoria
PO Box 1700 Stn CSC
Victoria, BC, Canada V8W 2Y2

The University of Victoria community acknowledges with respect the Lkwungen-speaking peoples on whose traditional territory the university stands, and the Songhees, Esquimalt and WSÁNEĆ peoples whose historical relationships with the land continue to this day. University of Victoria (http://www.uvic.ca/) is situated in the City of Victoria, the capital of British Columbia, at the southeast tip of Vancouver Island. Founded in 1963, the University has developed into one of Canada’s leading universities with a reputation for excellence in research and teaching.

UVic is committed to upholding the values of equity, diversity, and inclusion in our living, learning and work environments. In pursuit of our values, we seek members who will work respectfully and constructively with differences and across levels of power. We actively encourage applications from members of groups experiencing barriers to equity. Read our full equity statement here: equity statement

The University acknowledges the potential impact that career interruptions can have on a candidate’s record of research achievement. We encourage applicants to explain in their application the impact that career interruptions have had on their record.

Persons with disabilities, who anticipate needing accommodation for any part of the application and hiring process, may contact Faculty Relations and Academic Administration in the Office of the VP Academic and
Provost at frrecruit@uvic.ca. Any personal information provided will be maintained in confidence.

Please note that reference and background checks, including credential and degree verification, may be undertaken as part of this recruitment process.

Date posted: July 21, 2021