

Assistant Professors in Advanced Manufacturing and Automation, The University of British Columbia, Vancouver, Canada.

Description

The Department of Mechanical Engineering in the Faculty of Applied Science at the University of British Columbia (Vancouver campus) seeks outstanding individuals for up to 3 tenure-track positions at the rank of Assistant Professor in the field of advanced manufacturing. The successful candidates will be appointed in the Department of Mechanical Engineering or jointly appointed in the Department of Materials Engineering. The starting date of the position will be July 2020, or as soon as possible thereafter. We are seeking dynamic, emerging leaders in all areas related to advanced manufacturing. This search primarily focuses on intelligent manufacturing systems and robotics, manufacturing automation, and additive manufacturing. Candidates with expertise in manufacturing system design and the application of artificial intelligence in manufacturing automation are particularly encouraged to apply. Relevant industrial experience is an asset.

The Faculty of Applied Science at UBC has recently celebrated its 100th anniversary. Over this period, the Faculty has distinguished itself with excellence in teaching and research. The Faculty has embarked on the creation of a new, undergraduate program in Manufacturing Engineering that is jointly run by the Department of Mechanical Engineering and Department of Materials Engineering.

Applicants must have either a demonstrated track record or possess a clear potential to achieve excellence in research and teaching and must be willing to work with, or have experience working with industry, to implement innovative solutions for manufacturing challenges. The successful candidates will be expected to develop an independent, internationally recognized research program, teach at the undergraduate and graduate levels, supervise graduate students at the Masters and Ph.D. levels and provide service to the University and the community.

The candidate will hold a Ph.D. degree, or equivalent, in Mechanical Engineering, Manufacturing Engineering, or a closely related field, and will be expected to register as a Professional Engineer in British Columbia. Undergraduate teaching will primarily take place in the new Manufacturing Engineering undergraduate program while research will be undertaken within the department(s). Further information on the Faculty of Applied Science is available at <https://apsc.ubc.ca/prospective-faculty>.

Applicants should submit a curriculum vitae, a short statement of research and teaching interests and accomplishments, including information on how their research and/or teaching contribute to a diverse academic environment, and the names and addresses (e-mail included) of four referees. Applications must be submitted online at <http://www.hr.ubc.ca/careers-postings/faculty.php> (Job ID 34765).

Review of applications will begin on October 15, 2019 but applications will be accepted until the positions are filled. After October 15, 2019, please send your application to exec.asst@mech.ubc.ca. All positions are subject to final budgetary approval.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or

Indigenous person. All qualified candidates are encouraged to apply; however Canadians and permanent residents of Canada will be given priority.