THE UNIVERSITY OF BRITISH COLUMBIA
Department of Materials Engineering
Assistant Professor (Advanced Metals Processing)

The Department of Materials Engineering at the University of British Columbia (Vancouver campus) seeks qualified applicants for a tenure-track position at the rank of Assistant Professor to build on our strengths in the field of metals processing (in exceptional cases a tenure-track, or tenured, appointment at the rank of Associate Professor may be considered). The anticipated start date of the position is July 1, 2024, or as soon as possible thereafter.

Over its long history, the Department of Materials Engineering at UBC (referred to as the Department) has distinguished itself with excellence in research, teaching and service in the field of Materials Engineering. The Department has a strong record of collaborative work within UBC and industry and promotes interdisciplinary research.

Applicants for this position should have a demonstrated track record of (or possess clear potential to excel in) research and teaching in one or more areas related to the advanced processing of metals with an emphasis on solidification in additive manufacturing, casting technologies, and other closely related metals manufacturing technologies. Building on a core strength in the Department, the ideal candidate will have a strong background in developing mathematical models and conducting experiments at a range of scales to analyze and optimize metals manufacturing processes from the standpoint of improving quality, reducing cost, and promoting sustainability.

The successful candidate must develop an independent, internationally recognized research program, and seek funding, both as an individual and in collaboration with others, drawing on Government and industrial sources. The position will involve teaching at the undergraduate and graduate levels, the supervision of graduate students at the Masters and Doctoral levels and providing service to the University and the broader community. The successful candidate must embrace productive relationships across cultural differences and develop an equitable, diverse and inclusive learning and research approach that promotes a respectful environment for all students, staff and faculty.

A Ph.D. degree in Materials Engineering or a closely related field is required and the successful candidate will be expected to register as a member of Engineers & Geoscientists British Columbia. Further information on the Department is available at www.mtrl.ubc.ca and information on the Faculty of Applied Science is available at https://apsc.ubc.ca/faculty

Applications must be submitted online at https://ubc.wd10.myworkdayjobs.com/ubcfacultyjobs. Applicants should submit a letter stating their suitability for the position, which will include:
1) a current curriculum vitae
2) a 1-page statement of research interests*
3) a 1-page statement of teaching philosophy and interests*
4) a 1-page statement on how their research and/or teaching would contribute to an equitable, diverse and inclusive (EDI) academic environment*
5) Names and contact information (including email addresses) of four referees

* Additional pages will be removed

The initial closing date for applications is January 15, 2024 but applications will be accepted until a suitable candidate is found.

The University of British Columbia hires on the basis of merit, assessed in areas of scholarly activity, teaching and service, and is committed to creating and maintaining an inclusive and equitable work environment for all members of its workforce. An inclusive work environment presumes an environment where differences are accepted, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process we will make efforts to create an inclusive and equitable process for all candidates (including but not limited to people with disabilities). Confidential accommodations are available on request for all candidates taking part in all aspects of the selection process. To confidentially request such accommodations please contact the Department Head, Daan Maijer at daan.maijer@ubc.ca.
To learn more about UBC’s Center for Workplace Accessibility, visit the website here https://hr.ubc.ca/CWA.

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.