



THE UNIVERSITY OF BRITISH COLUMBIA
Faculty of Forestry

Assistant Professor of Teaching (Tenure-Track) in Biometrics and Computation

The **Department of Forest Resources Management**, Faculty of Forestry, The University of British Columbia (Vancouver Campus) invites applications for a tenure-track faculty position in Biometrics and Computation at the Assistant Professor of Teaching rank. The successful candidate will primarily teach and renew undergraduate and graduate courses in the areas of biometrics and computation. Biometrics and computation skills and courses are required across most of the undergraduate and graduate programs offered by the Faculty of Forestry with a diverse student body across disciplines and backgrounds.

Candidates for this position must have a PhD in Forest Biometrics or a related field with an undergraduate or MSc degree in statistics or computer science being beneficial. The successful candidate will provide evidence of demonstrated excellence in, and commitment to, teaching undergraduate and graduate students and a clear enthusiasm for teaching. The candidate will have a strong analytical background, demonstrated understanding of both the theory and application of forest biometrics tools to forestry and natural resource data, and able to teach a range of computation and programming skills. Candidates must demonstrate evidence of past educational leadership and/or clearly articulated plans for future educational leadership and potential for creating innovative instructional environments be it in the classroom, online or in the field. Experience in course design as well as experience in broader curriculum development or other educational initiatives that could advance the University's ability to excel in its teaching and learning mandate would be an asset. Candidates must also have a demonstrated and strong commitment to equity, diversity, and inclusion.

Professional experience as a biometrician and/or research experience related to natural resources analytics or other closely related fields is highly desirable. The candidate will be responsible for a range of educational activities and course delivery approaches and should demonstrate excellent organizational and interpersonal skills through prior experience.

The successful candidate will provide instruction contributing to the undergraduate curriculum across all programs offered in the Faculty of Forestry as well as to professional masters programs. Courses will include but are not limited to introductory-level and advanced courses in biometrics and computation such as (i) computer applications in forestry (undergraduate), (ii) introduction to biometrics (undergraduate), (iii) geospatial data analysis (graduate), and (iv) statistical consulting seminar (graduate). Responsibilities may also include teaching at international partner institutions.

Promotion and tenure in UBC's Educational Leadership stream is based on teaching, service, and educational leadership. Educational Leadership is broadly defined as activity taken at UBC and elsewhere to advance innovation in teaching and learning and must have impacts that extend beyond the classroom (see greater detail regarding educational leadership in Section 3.4.1 of the SAC guide to reappointment, tenure, and promotion at UBC- https://hr.ubc.ca/sites/default/files/2020-09/SAC%20Guide%20-%20published%20Feb%2027%202020_0.pdf). The successful candidate will therefore be expected to engage in educational leadership activities in consultation with the department head.

Applications should include: (i) a cover letter, (ii) a curriculum vitae, (iii) a teaching dossier that includes a statement of teaching philosophy, (iv) a one-page statement on envisioned educational leadership relevant to the position, (v) a one-page equity, diversity, and inclusion statement emphasizing how the applicant would contribute to the University's mission of creating a culturally inclusive learning environment, and (vi) full contact information for three individuals that

can provide reference letters. Applicants should also indicate in their application if they are a Canadian citizen or permanent resident of Canada.

Applications should be submitted by email to: careers.frm@ubc.ca

Deadline for applications is: November 10, 2020. The appointment will start on July 1, 2021, although an alternate start date can be negotiated. Salary is commensurate with qualifications and experience. All appointments are subject to 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 will be given priority.