

Science Education Postdoctoral Researcher
Carl Wieman Science Education Initiative

The Department of Mathematics at the University of British Columbia invites applications for one Postdoctoral Researcher in the UBC Mathematics Carl Wieman Science Education Initiative (MATH-CWSEI) (<http://www.cwsei.ubc.ca>), a multi-year program for study of and innovation in science education.

We seek individuals to work with faculty teams in our department, other science education specialists, and Skylight staff to develop and coordinate mathematics courses and curriculum. Teams develop course- and program-level learning objectives, assessments, and pedagogy; administer and evaluate assessments of student learning and of student attitudes toward science; supervise and guide development and testing of teaching and learning materials including IT learning resources. Faculty teams are focusing on areas such as assessment tools to track fundamental mathematical skills, development of computation-based instructional materials and effective strategies for delivering content and feedback to students learning scientific programming.

Candidates should have completed a Ph.D. in Mathematics or a related field relevant to the activities above, and demonstrated a strong personal commitment to science education. The job calls for excellent organizational, interpersonal, and communication skills; facility with programming; and the ability to work independently and meet deadlines. Fluency in English is required. Experience in the development of educational materials or curriculum, on-line teaching, project management, and familiarity with current pedagogical research and IT learning resources at the post-secondary level will be considered assets.

The appointment will be for 1 year, starting 01 July 2018.

Applicants should submit a resume, statement of teaching interests, and the names and complete contact information (including phone and email) of three references to:

Head, Department of Mathematics
University of British Columbia
121-1984 Mathematics Road
Vancouver, BC
V6T 1Z2

pdf-chair@math.ubc.ca

Review of applications will begin on 28 May 2018, and will continue until the position is filled.

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.

The positions are subject to final budgetary approval. Salary and title will be commensurate with qualifications and experience. This job posting is available in pdf format from <http://www.math.ubc.ca/Dept/deptJobs.shtml>.