

## **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 postdocs, and CWSEI 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, activities for the development and retention of these skills, and IT-based resources to support fundamental skills across the curriculum.

Candidates should have completed a Ph.D. in Mathematics, should also have excellent organizational, interpersonal, and communication skills, a strong personal commitment to science education, and ability to work independently and meet deadlines. English fluency is also required. Experience in educational materials or curriculum development, 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 July 1st, 2014, and may be renewable for 1 year depending on funding availability and performance.

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

Department Head, Department of Mathematics  
121-1984 Mathematics Road  
Vancouver, BC V6K 1T5  
[daisley@math.ubc.ca](mailto:daisley@math.ubc.ca) <<mailto:daisley@math.ubc.ca>>

Review of applications will begin on March 17, and will continue until the position is filled.

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply; however, Canadians and Permanent Residents of Canada will be given priority. We strongly encourage candidates from under-represented groups to apply, including women, visible minorities, people of aboriginal origin, and people with disabilities. The positions are subject to final budgetary approval. Salary and title will be commensurate with qualifications and experience.