



The University of British Columbia Science Gateway Programs

Teaching and Learning Postdoctoral Fellowship

The University of British Columbia, Vancouver invites applications for a full-year **Teaching and Learning Postdoctoral Fellow** (75% time) associated with the Coordinated Science Program and Science One Program within the Faculty of Science.

The **Coordinated Science Program** (CSP) (<http://csp.science.ubc.ca/>) is a unique cohort-based program in which all 168 students in the program take the same sections of first-year biology, chemistry, mathematics and physics. CSP students are also enrolled in a weekly 2-hour workshop with hands-on activities that reinforces academic coursework as well as the development of general academic skills. **Science One** (<http://scienceone.ubc.ca>) is a 27-credit interdisciplinary first-year science program which focuses on the connections between biology, chemistry, mathematics, and physics. It is taught by a team of 8 faculty, 2 from each discipline, to a class of 75 first-year students.

DUTIES

The Teaching and Learning Postdoctoral Fellow will join the Coordinated Science Program and Science One Program teaching teams to advance the educational mission of both programs. The successful applicant will be expected to bring an interdisciplinary viewpoint to both programs in their teaching of the CSP workshops and Science One tutorials.

Duties of the Teaching and Learning Postdoctoral Fellow will include:

- Facilitate student learning by teaching CSP's interdisciplinary workshops (CSPW 100; 4-6 hours per week in each term).
- Develop new and innovative CSP workshops that promote disciplinary and interdisciplinary topics relevant to the program and its students.
- Maintain an active presence in the CSP group study space during normal operating hours in order to assist students who are working, and to foster a sense of community within the program.
- Holding regular, weekly office hours to assist CSP students with their homework in CSP disciplinary courses and workshops.



- Working with Instructors of the CSP lecture sections to help implement modern, student-centred approaches to learning science and identify areas of interdisciplinary connections between the CSP courses.
- Working with the rest of the Science One instructional team to develop and teach tutorials and classroom sessions on interdisciplinary or scientific special-topics.
- Develop and administer metrics, surveys, and other instruments to assess CSP and Science One program performance and efficacy throughout the year.
- Conduct scholarship of teaching and learning (SoTL) studies relating to the interdisciplinary learning environment found in both CSP and Science One.
- Assist in recruitment and registration activities relating to both programs.

The position is subject to final budgetary approval. The Fellow will be appointed for one year, with renewal for a second year possible with satisfactory performance. The preferred start date for the position is July 1, 2018.

The postdoctoral fellow reports to the Director, Science Gateway Programs.

QUALIFICATIONS

- Completion of a PhD in a discipline related to the Coordinated Science Program (Biology, Chemistry, Mathematics or Physics), or a related scientific discipline (such as, but not limited to, computer science or biochemistry). Applicants with a PhD in a DBER (discipline-based educational research) science field will also be considered.
- Minimum two years experience teaching at the post-secondary level (including TA experience).
- Interest in teaching in an interdisciplinary manner.
- Ability to provide a supportive and caring learning environment for students.

APPLICATION PROCEDURES

Applicants should compile a single PDF file with the following elements: cover letter, curriculum vitae, contact information for three references, and any other pertinent information (e.g., statement of teaching philosophy, evidence of teaching effectiveness and/or teaching portfolio).



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Completed applications received by **May 10, 2018** will receive full consideration.

Applications should be submitted using the UBC Careers website at the following link:

<http://www.facultycareers.ubc.ca/29546>

Questions about the position can be sent to Chris Addison, Director, Science Gateway Programs (chris.addison@ubc.ca).

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.