

Applications are invited for the position of Science Education Specialist in the Department of Physics & Astronomy at UBC, to support the department's ongoing program to research and apply innovative teaching techniques.

The successful applicants will work closely with physics and astronomy faculty to:

- \* provide instructional guidance;
- \* support faculty instructor and teaching assistant development;
- \* support community building;
- \* liaise with others involved in education efforts in the Physics and Astronomy department and with parallel efforts in other departments in the Faculty of Science;
- \* consult and collaborate on scholarship of teaching and learning (SoTL) and Physics Education Research (PER) efforts undertaken by faculty;

The full job description and details about the application process are posted here:

<https://phas.ubc.ca/employment-UBC-33311>

The initial three-year term of employment is normally renewable for a second term, and may be further extended depending on performance. If extended, responsibilities will expand accordingly.

A BSc in a relevant discipline is required, a PhD is preferred with a sufficient background and experience in Physics and/or Astronomy to be able to support the development of innovative teaching and learning activities at all levels in our undergraduate programs. Teaching experience and familiarity with Education Technology (such as Course Management Systems, MOOC-style learning platforms, clickers) is essential, as is experience with contemporary pedagogical methods (clickers/Peer Instruction, flipped classrooms/pre-class assignments, student-centered in-class small-group activities such as worksheets, backward design/starting from desired learning goals, project/problem-based learning, team-based learning and other group-based assessments such as group exams). Programming experience (Python) would be an asset.

Applicants must articulate their interest in physics education transformation and research, prior involvement with such activities (if any), as well as their previous teaching experience.

Review of applications will begin on May 01, 2019 and will continue until the position is filled.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply - however, Canadian citizens and permanent residents will be given priority. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas.