



Postdoctoral Position in Predictive Organic Chemistry Department of Chemistry, University of Victoria, BC, Canada

The [Leitch Lab](#) at the University of Victoria is seeking an experienced synthetic organic chemist for a collaborative project in chemical reaction rate prediction. This project spans the fields of organic chemistry, computational chemistry, computer science, and machine learning theory, with joint PIs in the Departments of Chemistry and Computer Science at UVic. This appointment will be within the Department of Chemistry.

The ideal candidate will have a PhD in synthetic chemistry, with a demonstrated track record of research excellence and expertise in the following areas:

- Targeted multi-step organic synthesis of structurally varied small molecules
- Quantitative chemical analysis, including hands-on experience with HPLC, MS, and NMR spectroscopy
- Reaction kinetics and mechanistic elucidation

In addition, familiarity with multivariate experimental design, microscale high-throughput experimentation, computational chemistry, and/or computer programming is desirable, though not required.

The University of Victoria, on the west coast of Canada, is in the top one per cent of universities in the world for scientific impact and fourth in the Leiden ranking in Canada for proportionate research impact in science. The Department of Chemistry (www.chemistry.uvic.ca) is a research-intensive unit that is dedicated to providing outstanding programs in Chemistry. The Department is one of the strongest in Canada, boasting ample new research and teaching space, and offering outstanding research opportunities within the areas of health, energy, and materials chemistry. The Department is highly collegial and benefits from the services of a very effective and dedicated staff.

The position is open immediately, and will remain open until filled. Applicants should contact Dr. Leitch at dcleitch@uvic.ca, with the following subject line: "Application for New Frontiers Postdoctoral Position". The application must include the following attachments as a single PDF file:

- A one-page cover letter that speaks to the applicant's experience in the highlighted areas, and the earliest potential start date
- A summary of the applicant's doctoral research, and any prior postdoctoral research
- A complete CV, including list of publications and conference presentations
- Contact information for three individuals willing to provide references, one of whom must be the doctoral supervisor

We thank all applicants for their interest, but will only be able to contact those individuals who are selected for an interview.

The University of Victoria is an equity employer and strongly encourages applications from women, persons with disabilities, visible minorities, aboriginal peoples, people of all sexual orientations and genders, and others who may contribute to the further diversification of the university. All qualified individuals are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents will be given priority.