

Two postdoctoral fellow positions available immediately in the Crudden group

Two postdoctoral fellow positions are available immediately in the Crudden research labs. One will be at **Queen's University** in Kingston, Ontario, and one at the Institute for Transformative Bio-Molecules in **Nagoya, Japan**.

The successful candidate(s) will have **experience in catalysis, and experience working with metal nanoparticles will be a considerable asset**. Organic chemistry skills and experience working in inert atmosphere environments are also a plus. Candidates should be highly motivated and able to work independently. Experience supervising graduate and/or undergraduate students and working in a diverse team is an asset.

Both positions will build on work published by the Crudden group describing the preparation of self-assembled monolayers of N-heterocyclic carbenes on gold surfaces [Nature Chemistry, 2014, Nature Comm. 2016]. The goal of these positions will be to extend these studies to nanoparticles and nanoclusters and employ the resulting species in catalysis and biosensing.

The Nagoya position *does not require knowledge of the Japanese language*, although Japanese language training is provided at the University free of charge for the candidate and the candidate's family. The Japanese group is staffed by a fully bilingual senior Research Associate and administrative assistant and all PDFs are English speakers. Our fully bilingual administrative assistant will assist postdoctoral fellows in finding accommodations and in other aspects of life in Japan. For more information about the institute see: <http://www.itbm.nagoya-u.ac.jp/>.

Please arrange for a resume and three letters of reference to be sent to Cathleen Crudden at: Cruddenc@chem.queensu.ca and copy Megan.Bruce@chem.queensu.ca. Please write "Postdoctoral positions Japan-Canada" in the subject line of your email. Please mention if you have a preference in location. Note that although space is available immediately, the position(s) can be delayed for highly qualified candidates who are not immediately ready. Review of resumes will commence immediately and continue until appropriate candidates have been identified.

