

High Temperature Aqueous Chemistry,
Assistant/Associate Professor
University of Guelph

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Job Title	High Temperature Aqueous Chemistry, Assistant/Associate Professor
Department	Chemistry http://www.chembio.uoguelph.ca/cgi-bin/uchem.exe?ac=v_index
Institution	University of Guelph Guelph, Ontario
Date Posted	Jan. 31, 2017
Application Deadline	Apr. 1, 2017
Position Start Date	Negotiable
Job Categories	Associate Professor Assistant Professor
Academic Field(s)	Chemistry - Physical Chemistry - Analytical Chemistry - General
Job Website	http://www.uoguelph.ca/facultyjobs/postings/ad16-64.shtml

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Job Description

The Department of Chemistry at the University of Guelph is creating a tenure track appointment for an Assistant or Associate Professor with research expertise that will complement the new NSERC/UNENE Industrial Research Chair in High Temperature Aqueous Chemistry, which was awarded to Professor Peter Tremaine FCIC, with support from the University Network of Excellence in Nuclear Engineering and other industrial partners.

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The successful applicant will have a Doctoral (or equivalent) degree in experimental physical or analytical chemistry, or a closely related field. Expertise in statistical thermodynamics would be an asset. He/she will have a record of recognized research and visibility, ideally in hydrothermal solution chemistry or aqueous thermodynamics; a significant and sustained record of scholarly publications in high-level peer-reviewed journals; a strong capacity for both independent and collaborative research; and proven motivation and pedagogic abilities at the undergraduate and graduate levels. Competitive startup funding is available.

The selected candidate will be expected to develop an independent research program through an NSERC Discovery Grant, and through partnership funding opportunities in areas related to the Chair. The new faculty member will be expected to participate in workshops and other activities related to the NSERC/UNENE Chair Program (www.unene.ca). The University of Guelph has developed world-class expertise for the study of high-temperature aqueous chemistry, as well as thermodynamic and in situ spectroscopic studies of solute structure and speciation under conditions encountered by Canada's nuclear industry and under geological conditions. The selected candidate, with his/her potential to achieve a high level of scientific recognition in areas that complement the Chair's expertise, will contribute to the growth of a centre of excellence at Guelph.

The Department of Chemistry (www.chemistry.uoguelph.ca) in the College of Physical and Engineering Science at the University of Guelph has a strong tradition of scholarship and teaching. Our undergraduate programs in Chemistry, Biological and Pharmaceutical Chemistry, Toxicology, Chemical Physics, and Nanoscience (the latter two are joint programs with the Department of Physics) attract high calibre students from across Canada. We are equal partners with the University of Waterloo in the Guelph-Waterloo Centre for Graduate Work in Chemistry and Biochemistry, (GWC)² (www.gwc2.on.ca), which attracts top-level graduate students from across the globe. Our academic environment is strongly supportive of innovative research and teaching.

The current research activities of the Department are supported by major infrastructure resources of characterization and analytical instrumentation, including the Advanced Analysis Centre (AAC) (www.uoguelph.ca/aac/) and the Electrochemical Technology Centre (ETC) (www.chemistry.uoguelph.ca/etc/), and very strong electronic and machine shop support.

A complete application package will include a lifetime Curriculum Vitae, a 5-page research proposal in NSERC Discovery Program format (www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/DGIGP-PSIGP_eng.asp), materials for a classroom presentation appropriate for a senior undergraduate course in Aqueous Thermodynamics, Physical Chemistry, or Analytical Chemistry, and the names and contact information of three appropriate references. Applicants are encouraged to familiarize themselves with the NSERC Research Partnerships Programs (http://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/Index_eng.asp) prior to submitting their application

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package. Evaluation of application files will begin Feb.1, 2017, and will continue until the position is filled. All interviewed applicants will make a public presentation based on their past and projected research activities, and a public lecture-format presentation that would be appropriate as part of a senior undergraduate course.

Please send complete applications to:

Prof. Paul Rowntree
Chair, Department of Chemistry
University of Guelph
50 Stone Road East, Guelph ON
N1G 2W1

EEO/AA Policy

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Guelph is committed to equity in its policies, practices, and programs, supports diversity in its teaching, learning and work environments, and ensures that applications for members of under-represented groups are seriously considered under its employment equity policy. All qualified individuals who would contribute to the further diversification of our University community are encouraged to apply.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Paul Rowntree, Chair
Chemistry
University of Guelph
50 Stone Road East
Guelph, ON N1G2W1
Canada

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Contact E-mail rowntree@uoguelph.ca