



Chemistry

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Postdoctoral position in phosphorus-based polymer chemistry

A postdoctoral position is available in the laboratory of Paul Ragona at *The University of Western Ontario* (<http://publish.uwo.ca/~pragogna/>) and will commence in January 2019 (or agreed upon start date).

This position involves the preparation, characterization and application of polymer networks that contain phosphorus as a key building block in the material (see for example *Chem. Mater.* **2015**, *27*, 1412–1419; *Angew. Chem. Int. Ed.* **2018**, *57*, 13252-13256). The emphasis of the project will be in preparing derivatives and to assess their physical properties and toxicity levels.

Applicants must have very strong skills in synthetic main group chemistry and preference will be given to those who have a polymer science background. The successful candidate will have expertise in small molecule and polymer characterization techniques (multinuclear NMR spectroscopy, GPC, MS, DSC, TGA etc.). Experience using inert atmosphere techniques (Schlenk line and glove box) is essential and experience using reactive gases is an asset.

Candidates will have an established track-record of productivity, including publications in top-ranked chemistry journals. Applicants must have excellent oral and written communication skills and they will be expected to mentor students in the laboratory.

This is an industrially driven project (with Solvay) that has tight timelines, so only those individuals with a strong work ethic and an appetite for a multidisciplinary experience are encouraged to apply.

The position is available for one year with the possibility of renewal depending upon mutual agreement and research funding availability.

A competitive stipend will be paid, commensurate with experience.

Please direct all enquiries and application packages, which should include a cover letter, curriculum vitae and the contact information for two references, to Paul Ragona by email at pragogna@uwo.ca. Please include "PDF in P-based Polymer Science" in the subject line of your e-mail. Applications will be considered until the position is filled and only shortlisted candidates will be contacted.