

## POST-DOCTORAL POSITION IN NMR SPECTROSCOPY OF LITHIUM ION BATTERY MATERIALS

An opening for a Postdoctoral Fellow is available in the Department of Chemistry and Chemical Biology at McMaster University. The successful candidate will work in the research group of Dr. Goward and the focus of this industry-funded position will be research on development and application of in situ NMR measurements of electrochemical lithium ion cells, with an aim to understand processes in vehicle batteries. This position is intended for a physical chemist interested in moving into a new research area, or for an NMR spectroscopist, interested in using their NMR expertise in this applied field. (knowledge of electrochemistry and material chemistry is also an asset). This research project will involve close collaboration with material scientists, chemists, and mathematicians, as well as research scientists with our Industrial Partners.

The fellowship is open to candidates of any nationality and selection will be based upon the candidate's research potential. The start date of the position is May 1, 2012. The duration of the position will be initially one year with extension for the second year contingent on satisfactory performance. The annual salary will be \$45,000 CAD. We will begin reviewing applications on March 1, 2012. Applications received after this date will be accepted until the position is filled, and to ensure full consideration, applicants are advised to submit all supporting materials by the deadline.

Applicants should provide at least three letters of recommendation. They may be sent directly to:

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