

## **R&D Industrial internship in their area of recycling industrial chemical wastes**

**Summary:** Fielding Chemical Technologies Inc. (FCT, Mississauga, ON), Environment Canada (EC, Burlington, ON) and Wilfrid Laurier University (WLU, Waterloo, ON) have partnered to develop a new patent-pending technology for producing value-added chemicals from waste streams of Pulp & Paper producers. The intern will be spending majority of time at FCT and EC, but will be formally affiliated with WLU.

### **Duties:**

- Assist in setting up pilot scale equipment, conducting experiments and sample collection
- Assist in conducting analytical studies of experimental samples
- Compile data and provide reports to project team members
- Research industrially relevant chemical production/separation methods and report on findings

**Education Requirement:** undergraduate degree in analytical chemistry, organic chemistry or chemical engineering; enrolled in graduate studies (MSc or PhD) in the area of chemistry, chemical engineering or equivalent.

**Work Experience:** industrial work experience is not required, but desirable; experience working at university research labs is desirable; experience in operating analytical chemistry equipment

**Skills:** Excellent understanding of safety procedures in industrial chemical environment and best practices in working with hazardous materials; basic understanding of common chemical analytical techniques, e.g. GC-MS, LC-MS; lab scale distillation; data interpretation and analyses.

**Work load:** approximately an average of 24 hrs per week for 4 or 8 months, starting Fall 2014.

Please, direct your current resume to Steve Furlong, [stevenf@fieldchem.com](mailto:stevenf@fieldchem.com).