



PoND Internship Job Description – Dural, a division of multibond Inc.

Dural, a division of Multibond Inc. is a manufacturer of water-based adhesives, coatings and polymers dispersion. Dural is developing new adhesives and coatings based on polymeric nanoparticles with stimuli-responsive degradation strategy for industrial use. This project will investigate the use of polymeric nanoparticles for encapsulation of crosslinking agents.

Job Title: Research associate

Term and salary: Masters Student – 4-month contract, \$3250 per month, 2start date: September 3, 2019

Location: 550 Marshall avenue, Dorval, Quebec

Job Description: Working with Dural' in-house R&D team to work on encapsulating incompatible crosslinker into the water-based adhesives. This internship involves collaborating with senior management to ensure R&D efforts are aligned with commercialization goals.

Responsibilities:

- ☑ Design, execute and analyze *in vitro* experiments related to crosslinker encapsulation
- ☑ Create protocols, reports, research summaries and informational slide decks.
- ☑ Discuss experimental design, data, troubleshooting etc. with external collaborators
- ☑ Conduct literature research and provide scientific insights to Business Development team and upper management.

Qualifications:

- ☑ Master's student part of PoND program
- ☑ Experience with encapsulation techniques strongly preferred

Requirements:

- ☑ Legally entitled to work in Canada.