

Topic: Bio-polymer 3D printing

Duration: 1 year

Starting Date: May 10

We have an exciting opportunity for a bio-polymer 3D printing project in collaboration with a fast-growing green-tech start-up company located in the MaRS Discovery District in downtown Toronto. The topic will be on the development of 3D printing process and proprietary material formulations for additive manufacturing of bio-based thermoset PU foam parts and products.

The candidate will have expertise in materials engineering, mechanical engineering or a related field, and with emphasis in 3D printing systems and hardware development, and knowledge of thermoset polymers and foams. In this role, you will be working closely with the industrial partner personnel in all aspects of the project, including 3D printing process development, 3D printing equipment design and fabrication, and bio-polymer material formulation optimization for use in 3D printing.

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