

Research & Innovation Scientist

Position Objective:

Reporting to the Director, Research & Innovation, and based out of our Head Office in Brantford, ON, the Research & Innovation Scientist is responsible for research and innovation activities focused on development of new products, new technologies, and expansion of our CERANOVUS offerings. The incumbent has a deep understanding of polymer chemistry, and a keen interest in sustainable product development.

As a team member, you can expect to:

- Plan and conduct scientific research to find solutions to problems and contribute to scientific knowledge related to:
 - New product development,
 - Development of new catalyst systems,
 - Analysis and Depolymerization of waste plastic streams,
 - Growing commercial opportunities of existing products,
 - Supporting other departments (Commercial, Engineering).
- Designs, performs, and oversees experiments and data collection to ensure data integrity, quality control, and protocol compliance.
- Operate lab scale equipment, including but not limited to, Autoclave pressure reactors, Twin Screw Extruder, Differential Scanning Calorimetry, Thermogravimetric Analysis.
- Keeps up to date with relevant scientific and technical developments
 - Monitor and report on industry IP activity
 - Analyze the intellectual property landscape to identify potential conflicts or opportunities
 - Perform literature reviews on applicable activities
 - Conduct scientific and market research to identify potential opportunities
- Assists in writing grant proposals and applications for funding opportunities.
- Manage and own relationships with third party labs to coordinate research projects.
- Build and develop technical repository, transforming data into knowledge.
- Build, maintain and report projects using project management tools.
- Maintain and communicate timelines, progress and headwinds.

What we are looking for:

- Bachelor's degree in Materials Science, Polymer Science, or a related field. Master's degree is preferred.
- At least 5 years proven experience in a research environment with a proven demonstration of taking projects from conception to completion.
- Experience in the development of new products and working with sustainable materials
- A commitment to environmental stewardship.
- Strong proficiency in laboratory techniques, data analysis, and industry-specific software.
- Excellent problem-solving skills and the ability to innovate new solutions for complex applications.
- Exceptional communication skills, both verbal and written, with the ability to convey technical information to non-technical stakeholders.
- Ability to work effectively in a collaborative team environment and manage multiple projects simultaneously.
- Strong project management and proven experience leading research initiatives

Join us at GreenMantra as we strive to create a workplace that values diversity, innovation, and continuous improvement. We welcome individuals who are passionate about making a difference. Apply now and be part of our dynamic team dedicated to driving positive change. Please send your application directly to careers@greenmantra.com and identify the position title in the subject.

GreenMantra is an equal opportunity employer. We comply with all applicable accessibility laws and provide accommodations during the recruitment process. Candidates requiring accommodations are encouraged to contact Human Resources.