

Research Scientist-Packaging Specialist

Pointe-Claire, Quebec

About FPInnovations

FPInnovations is among the world's largest private, non-profit research centers working in forest research. The organization helps the Canadian forest industry to develop path breaking solutions based on the unique attributes of Canada's forest resources, favoring a sustainable development approach and taking full advantage of the industry's considerable scientific, technological and commercial capital.

Description

FPInnovations is currently working on a major packaging project to develop sustainable packaging materials/products (mainly flexible packaging) from the pulp & paper and forest bio-based material industries. Working with a manager and/or project leader, the incumbent will work on developing a strategic plan for product development including product performance targets, competitors, major trends and a description of the value chain, creating pathways for light-weighting, sustainability, and high performance attributes.

Responsibilities

- Work in a team to develop the research plan and target product properties that will assist in the development and support for commercialization;
- Analyze specifications of existing packaging products on the marketplace and their converting processes to determine physical characteristics, environmental and safety requirements, and types of materials required for packaging;
- Develop and implement test protocols to ensure that packaging prototypes satisfies conversion process and end-use performance;
- Work closely with FPInnovations' members or partners to insure that the newly developed packaging materials/products are practical for manufacturability;
- Work closely with the packaging converters to insure that the newly developed packaging materials/products are compatible with the existing packaging conversion process;
- Troubleshoot problems from FPInnovations' members involving new and existing packaging materials and processes and provide creative, timely, and cost-effective solutions.

Qualifications

- Bach, MSc. or Ph.D. degree in Engineering or Science with packaging as a minor;
- Experience in pulp & paper is an asset;
- Minimum 2 years' experience in the packaging manufacturing industry or R&D is a strong asset;
- Strong technical knowledge of packaging materials, components, equipment, suppliers and design with the ability to apply this knowledge to a R&D environment;
- Well organized, responsible, proactive and troubleshooting skills;
- Good written and verbal communication skills with high standards for quality in English and French (an asset);
- Available for business travel in Canada and USA (10 to 20% time approx.).

Please submit your resume to:

[Recruitment_recrutement@fpinnovations.ca](mailto:recruitment_recrutement@fpinnovations.ca)

IMPORTANT: please indicate Reference no. 549 on the subject line.