

Post-doctoral positions in Renewable Polymers

As one of Wellington's largest and most established employers, and the number one university in New Zealand for research quality, Victoria University of Wellington provides opportunities for rewards, recognition and development. The University has a tradition of fostering international links in teaching and research, and delivering programmes of national and international significance through tertiary-leading academic performance and support services. Thinking about a future in a culture where innovation and diversity are highly valued? Think Victoria.

Post-doctoral positions in Renewable Polymers

The Ferrier Research Institute of Victoria University of Wellington is a leader in Carbohydrate Chemistry research and development, with programs in drug discovery and renewable polymers. Our team of 25 professional scientists is located in well-equipped laboratories at the Gracefield Research Centre in Lower Hutt, New Zealand.

We are looking to recruit two PhD graduates to two-year fixed-term postdoctoral positions to work in our renewable polymers program. There are two roles, focused on (a) the synthesis of cellulose-derived materials, and (b) liposome and micelle formulations.

We want motivated individuals who can contribute to intellectual property generation and then to publications in leading journals. You will work on new product development and formulation in a program with strong industry engagement. Your skills in organic chemistry, chemo-mechanical processing, chemical analysis and formulation science will be valued. We will provide an environment in which creativity, experimental research and client focus merge to generate industry-ready solutions for rapid commercialisation.

The ideal candidate would have expertise in the chemistry of biomaterials, particularly cellulose, and / or emulsification and dispersion processes suitable for direct industrial application.

Minimum requirements

- PhD in chemistry or chemical engineering – (a) polymers or materials; (b) formulation technologies
- Evidence of research outputs
- Computer literacy

Preferred experience

- 1-2 years of post-PhD industrial-type work experience
- Good understanding of organic synthesis techniques and principles
- Expertise in formulation technologies associated with polymers

Contact: Rachael Odlin, Institute Manager, Ferrier Research Institute

Rachael.odlin@vuw.ac.nz

www.victoria.ac.nz/ferrier

Reference Vacancy# 236

For more information, and to apply online, visit <http://www.victoria.ac.nz/about/careers>

Victoria University of Wellington is an EEO employer and actively seeks to meet its obligations under the Treaty of Waitangi.

