



PhD Studentship – Non-invasive assurance of dairy powder products

Applications are invited for a PhD Studentship which has been established to investigate novel approaches for assurance of dairy powder products. The outcome of the study will be a suit of techniques applicable to the industry to predict quality (from sensorial to physical chemical characteristics) of dairy powders when they are used by consumers.

This three year studentship is sponsored by the AgResearch Core funded programme Food Provenance and Assurance and includes an annual tax-free stipend, tuition fees and consumables. The research will be undertaken within the Dairy Foods and Food Assurance and Meat Quality teams based at Ruakura Campus in Hamilton. The PhD candidate will be enrolled at Auckland University and have supervisors from both the Auckland University and the AgResearch teams. During the term of the PhD study the student will need to relocate to Palmerston North with the Ruakura teams. There will be at least 6 months notice of relocation and support to do so.

The ideal candidate must have:

- A relevant Masters or Honours degree (e.g. chemistry, food technology)
- Excellent written and oral communication skills Strong analytical and problem solving skills
- Diligence, resilience and enthusiasm.

Previous experience working with chemometrics, spectroscopy and in chemistry laboratory would be advantageous.

The intended start date for this project is 01 February 2016, although there is flexibility either side of this date. The closing date for applications is 30th November 2015. Interested persons can contact Rell Sumner (rell.sumner@agresearch.co.nz) for queries around the application process and Marlon Reis (marlon.m.reis@agresearch.co.nz) for further information on the project.

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The successful candidate is expected to enrol in a PhD in Food Science, at the School of Chemical Sciences, the University of Auckland. Please contact A/Prof. Yacine Hemar (y.hemar@auckland.ac.nz) for further information related to enrolment process and project details.