



THE UNIVERSITY OF WAIKATO

Research Fellow

School of Science

Faculty of Science and Engineering

The School of Science at the University of Waikato is situated in Hamilton New Zealand, a youthful city of 160,000 people of diverse backgrounds and mild climates. It has internationally recognised leadership in environmental research and is dedicated to building a diverse and productive workforce.

We are searching for a highly motivated individual to study the role of horizontal gene transfer in creating and maintaining intra-species genomic variations in geothermal microbial communities at the School of Science, and also with staff from the Massachusetts Institute of Technology and the University of Canterbury. The position will undertake research for a multidisciplinary project (titled "From Geothermal Hot Springs to Microbial Gene Pools: Explaining Intra-Species Genomic Variations in Bacteria") funded by the New Zealand Marsden Fund and led by Dr Charles Lee. The research will focus on microbial communities found in geothermal pools across the Taupo Volcanic Zone in New Zealand.

Applicants will have a PhD in relevant field(s) as well as hands-on experience with associated techniques, including comparative genomics, metagenomics, isolation and characterisation of environmental microorganisms, and geochemical analyses of environmental samples. The successful applicant is expected to undertake laboratory and field research associated with the project and to maintain and make available current knowledge of relevant research areas; they are also expected to fulfil relevant administrative duties and reporting responsibilities. An excellent publication record as well as good writing and verbal communication skills are important criteria for selection.

Salary will be in the range of NZ\$74,034 to \$89,163 per year, depending on qualifications, skills and experience.

Enquiries of an academic nature should be directed to Professor Chad Hewitt, Dean, School of Science, email: chad.hewitt@waikato.ac.nz

Fixed-term for three years

Closing date: 16 March (NZ Time) Vacancy number: 380096

For more information and to apply, visit www.jobs.waikato.ac.nz

Ko te Tangata – For the People

At the University of Waikato we define ourselves by our academic and research excellence and the strength of our international connections. Our distinctiveness is driven by our focus on sustainability, our commitment to Māori learning and research, and our role as leaders and innovators.

Our motto, Ko te Tangata, underlines our acknowledgement of the Treaty of Waitangi, equal opportunity for all, the importance of collegiality, and the individuals who are our staff, students and stakeholders.

E herea ana te Whare Wānanga ki te kaupapa kia whakaratohia te mea angitū ōrite ki ngā tāngata katoa.



www.jobs.waikato.ac.nz