Background of Scholarship:
Bacterial antibiotic resistance owing to overuse of antibiotics is one of the biggest global threats to health. Sinusitis is a leading reason for both antibiotic prescription and surgery, although the exact roles of bacteria in sinusitis both before and after sinus surgery are currently unknown.

The scholarship recipient will work with Dr Charles Lee at the School of Science and Dr Andrew Wood at the Waikato Hospital to conduct microbiome research on the role of antibiotics after sinus surgery and generate evidence that contributes to rational decision-making around prescription in sinusitis treatments. This research will involve molecular genetic techniques, including digital PCR and DNA sequencing, so background knowledge and experience in genetics/molecular biology and microbiology is required. Evidence of skills in scientific writing, bioinformatics, and statistics is also strongly favourable.

This MSc Research scholarship is part of a collaboration between the Waikato District Health Board, the Department of Surgery at University of Auckland, and School of Science at University of Waikato and funded by the Waikato Medical Research Foundation.

Eligibility Criteria:
Level: Masters
Enrolment Status: Must have been accepted for or enrolled full-time in a Master of Science (Research) programme at the University of Waikato
Start Date: B Semester 2019
Value/Tenure: $10,000, paid out as a monthly stipend over the year of thesis research (maximum one year)

Application Documents Required:
- A cover letter outlining your interest in the research topic (one A4 page)
- CV (three A4 pages)
- Academic transcripts from previous study undertaken
- Two references (academic and/or character)

Contact and email address for applications:
Charles Lee, Senior Lecturer, School of Science
charles.lee@waikato.ac.nz

Closing date: 26-Apr-2019