

UNIVERSITY OF OTAGO
Te Whare Wananga o Otago

Dunedin, New Zealand

PhD position in soil microbial ecology
DEPARTMENT of MICROBIOLOGY and IMMUNOLOGY

Qualified candidates are invited to apply to pursue a PhD project in the Department of Microbiology and Immunology at the University of Otago in Dunedin, New Zealand. This research project will be part of a fully funded international collaboration aimed at Mitigating Agricultural Greenhouse Gas Emissions by improved pH management of soils. The goal of this project is to investigate the microbial response to management practices that manipulate the production and consumption of N₂O in soils. The PhD student will use molecular tools (targeting DNA and RNA) to investigate the soil microbiome (metagenomics, transcriptomics, and amplicon sequencing) in field and lab experiments.

The successful candidate will be hosted by the Morales lab (<https://micro.otago.ac.nz/our-people/our-people/sergio-morales/>), and will join a dynamic team of international researchers from Norway, Ireland, Denmark, Germany, Sweden, Finland, France and New Zealand with an extensive network of collaborators. The deadline for applications is July 1st, 2017.

Requirements

Candidates should have a degree which includes a graded thesis component demonstrating his/her research ability. Published, peer-reviewed papers are desirable but not essential. All applicants will be required to apply for an Otago scholarship to cover tuition and stipends (not controlled by PI see here for details: <http://www.otago.ac.nz/study/scholarships/otago001308.html>, <http://www.otago.ac.nz/study/scholarships/database/index.html>). Candidates should be willing to work in multidisciplinary research teams, show leadership and independence, and must have strong English written and oral skills. Experience in generation and analysis of next-generation sequencing data, strong computer skills and/or proficiency in R or Python are ideal.

Appointment:

The position will begin August 2017 at the earliest.

Specific enquiries may be directed to:

Dr. Sergio E. Morales
Department of Microbiology & Immunology
University of Otago
Phone: +64 3 479 3140
Email: sergio.morales@otago.ac.nz

APPLICATION INFORMATION

With each application you must include: CV, a personal statement, transcripts, a copy of honours or masters thesis along with their application and two potential references (including contact details).

Equal opportunity in employment is University policy.

*E tautoko ana Te Whare Wananga o Otago i te kaupapa
whakaorite whiwhinga mahi.
whakaorite whiwhinga mahi.*



MICROBIOLOGY & IMMUNOLOGY
Te Tari Moromoroiti me te Ārai Mate

