

Lauren Hemara

DOCTORAL CANDIDATE · BIOLOGICAL SCIENCES
Tāmaki Makaurau - Auckland, New Zealand

Education

The University of Auckland

Tāmaki Makaurau, Auckland

DOCTORAL CANDIDATE

2021 - Present

- Using the kiwifruit bacterial canker pathogen *Psa* to understand how plant pathogens evolve during host infection.
- Awarded a University of Auckland Doctoral Scholarship.

The University of Auckland

Tāmaki Makaurau, Auckland

MSC WITH FIRST CLASS HONOURS IN BIOLOGICAL SCIENCES

2019 - 2020

- Identification of candidate *Pseudomonas syringae* pv. actinidiae effectors that trigger resistance in *Actinidia arguta*.
- Awarded a Zespri Innovation Scholarship for research in the kiwifruit industry.

The University of Auckland

Tāmaki Makaurau, Auckland

PGDIPSCI WITH DISTINCTION, MAJORING IN BIOLOGICAL SCIENCES

2018 - 2019

- Awarded Senior Frances Briggs Memorial Prize in Plant Sciences (2017).
- Awarded Janet Bain Mackay Memorial Prize (2017).

The University of Auckland

Tāmaki Makaurau, Auckland

BSC, MAJORING IN BIOLOGICAL SCIENCES

2015 - 2018

- First in Course for BIOSCI 321 - Plant Pathology (2017).
- Awarded Tuākana Certificate of Merit for excellent scholastic achievement in STATS 201.
- Class representative for BIOSCI 208 (Semester 1, 2016), BIOSCI 320 (Semester 1, 2017), and BIOSCI 340 (Semester 2, 2017).

Work Experience

The University of Auckland

Tāmaki Makaurau, Auckland

GRADUATE TEACHING ASSISTANT - QUANTITATIVE BIOLOGY (BIOSCI 220)

Semesters 1 & 2, 2022

- Tutor-in-Charge of the online overseas lab stream, delivering 8 lab sessions across the semester.

The University of Auckland

Tāmaki Makaurau, Auckland

TEACHING ASSISTANT - QUANTITATIVE BIOLOGY (BIOSCI 220)

Semester 2, 2021

- Supported students to explore data and troubleshoot R code in weekly laboratory sessions.

Waikato Regional Council

Kirikiroa, Hamilton

SUMMER STUDENT - ONLINE CONTENT SUPPORT

2020-2021

- Content management for Waikato Regional Council's internal and external websites.

Plant and Food Research

Tāmaki Makaurau, Auckland

SUMMER STUDENT - HOST-MICROBE INTERACTIONS

2018-2019

- Continuation of *Psa* genome biosurveillance project in North Island kiwifruit orchards.

Plant and Food Research

Tāmaki Makaurau, Auckland

SUMMER STUDENT - HOST-MICROBE INTERACTIONS

2017-2018

- Conducted a genome biosurveillance survey for *Psa*, a bacterial pathogen of kiwifruit.
- Bioinformatics project manually annotating effector genes in the newly described *Psa* biovar 5 and biovar 6 genomes.
- Awarded Ngā Toa Ngaki Kai Scholarship.

Waikato Regional Council

Kirikiroa, Hamilton

SUMMER STUDENT - COMMUNICATIONS AND ENGAGEMENT

2016-2017

- CMS migration and redesign of the Waikato Regional Council and Envirolink websites.
- Digital asset and metadata management for the Waikato Story project.
- Science communication and content creation for the Science and Strategy directorate,

Extracurricular

Maanaki Whenua - Landcare Research

Tāmaki Makaurau, Auckland

VOLUNTEER - NEW ZEALAND ARTHROPOD COLLECTION

2017

- Sorted and identified field samples from New Zealand and the Pacific Islands.