



Clean Water Technology
Te Mana o te Wai

Summer 2021-2022

Clean Water Technology Summer Students

The Science for Technological Innovation (SfTi) Spearhead project, Clean Water Technology for restoring Te Mana o te Wai (CWT), is a nationwide, multi-institutional, three-year project that started in February 2021. It is led by a University of Canterbury (UC) Kaipūhanga Rauropi | Ecological Engineer Assoc. Prof. Aisling O'Sullivan. In the summer of 2021-2022, we had five outstanding summer internship scholarship students funded on this project.



ZANE GOGGINS

Mech. Eng., UC:
3-D Printing

Zane is a third year Mechanical Engineering student at UC. He is looking forward to working with the new 3D printing technology and is eager to apply his engineering abilities he has been developing during his time at UC.



LAUREN GADD

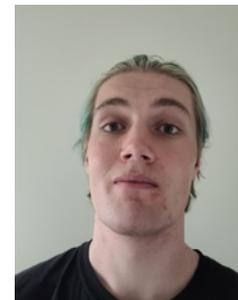
Chemistry, Otago, Pūhoro STEM Academy: **Water Wellbeing Framework & 3-D Printing**

Lauren (Ngāti Kahungunu) is studying chemistry at the University of Otago. Lauren's summer Project is focused on integrated (Te Ao Māori and Western) decision making and 3D printing, supervised by A/Prof. Aisling O'Sullivan, Dr Hossein Najaf Zadeh and Honor Columbus. Lauren finds the cultural engagement and practical applications rewarding aspects of these projects.



GABBY ROSEMERGY
Mechatronics. Eng., UC:
Virtual Reality

Gabby is a second year Mechatronics student at UC. She is working at the Human Interface Technology (HIT) Lab on an interactive tool to communicate the research goals and is looking forward to working with Virtual Reality and contributing to a project aiming to improve the water quality in Aotearoa New Zealand.



DEAN BANKS

Natural Resources Eng, UC: **Water Treatment**

Dean is a second year Engineering student at UC with an interest in water. His summer project focuses on the effectiveness of the 3D printed materials in sorption studies and is supervised by Dr Ricardo Bello Mendoza.



AYANA SUE

Biotechnology, Massey, Pūhoro STEM Academy:
Microbiology

Ayana is an aspiring vet and a first-year student at Massey University studying Animal Nutrition and Growth. Ayana's interested in animal science and microbiology and is excited to research and study new things in the Riddet Institute as part of Prof. Benoit Guieysse's lab.

