

PROGRAMME

The Christchurch Summer Studentship Programme Final Presentation

Friday 21 January 2022 | 9am–4:20pm

Rolleston Lecture Theatre, University of Otago, Christchurch



Welcome | 9:00–9:20am**Group 1 | 9:20–9:50am**

Student	Project	Supervisor	Sponsor
Eira Beverley-Stone	Measuring the skin microbiome, metabolome and skin hydration to better understand the impact of menopause status on the skin: A pilot study	Geraldine McLeod	Christchurch Health and Development Study
Caitlin Bland	An audit of the implementation of single dose rifampicin chemoprophylaxis for leprosy in Kiribati	Stephen Chambers	HRC Pacific summer studentship
Lucy Blay	Assessment of hospital nurse and dietitian knowledge levels about inflammatory bowel disease	Angharad Hurley	UOC Paediatrics, Cure Kids
Olivia Beckett	The CDHB Hauora Māori Equity Toolkit: Tools for implementing DHB protocols	Amber Philpott	Canterbury District Health Board
Imo Boss	The CDHB Hauora Māori Equity Toolkit: Tools for monitoring hauora Māori outcomes	Amber Philpott	Canterbury District Health Board

Group 2 | 9:50–10:20am

Student	Project	Supervisor	Sponsor
Rebecca Bosma	The prevalence of chronic diarrhoea in older adults and possible causes	Richard Geary	Canterbury Education and Research Trust for the Health of Older Persons
Sneha Bothra	Cardiovascular risk in adults born prematurely and at very low birth weight	Sarah Harris	Heart Foundation of New Zealand
Aimee Brown	Oxygen control in rheumatoid arthritic tissues	Axel Norberg	Māori Indigenous Health Institute, UOC
Sam Comeron-Dunn	Teaching the teachers: An orientation course in hauora Māori for Otago Medical School clinical teachers	Amber Philpott	Māori Indigenous Health Institute, UOC
Jonathan Cox	Vascular bone organoid as a disease model to study osteonecrosis	Steven Cui	Ministry Business Innovation and Employment Science Whitinga Fellowship

Morning tea and photo | 10:20–10:40am

Group 3 | 10:45–11:15am

Student	Project	Supervisor	Sponsor
Catey Boyce	Earthquake brain: Predictors of facial emotion processing following earthquake-related stress	Caroline Bell	Canterbury Medical Research Foundation
Monique Cranko	Impact of peri-traumatic beliefs and severity of trauma exposure to the Canterbury earthquakes on subsequent avoidance and alcohol use in those with post-traumatic stress compared to a resilient control group	Jennifer Jordan	Canterbury Medical Research Foundation
Sarah Emily Davey	Systematic review of the impact of trauma exposure on cognitive function in individuals without post-traumatic stress disorder or other mental health disorders	Katie Douglas	Canterbury Medical Research Foundation
Jenna Feng	How good are we at fluid therapy in critically ill patients?	Geoff Shaw	Canterbury Medical Research Foundation
Ethan Gall	Role and therapeutic potential of suPAR in cardiovascular disease	Janice Chew-Harris	Canterbury Medical Research Foundation

Group 4 | 11:15–11:45am

Student	Project	Supervisor	Sponsor
Duo Hou	The investigation of plasma myeloperoxidase (MPO) as a potential biomarker of disease activity in inflammatory bowel disease	Tony Kettle	Canterbury Medical Research Foundation
Samantha Jory-Smart	Drop out from Maudsley family-based therapy for anorexia nervosa: A South Island eating disorders service audit	Rachel Lawson	Canterbury Medical Research Foundation
Lorna Pairman	Is dabigatran dosed correctly for patients – according to laboratory results?	Matthew Doogue	Canterbury Medical Research Foundation
Christian Smith	Can biofabrication create the “ideal” patch for congenital diaphragmatic hernia repair?	Jonathan Wells	Canterbury Medical Research Foundation
Connor Kennedy	Are there protein amyloids in cancer?	Christoph Goebel	Cancer Society Ellesmere & Oxford Groups and Cancer Society of New Zealand Canterbury-West Coast Division

Group 5 | 11:45am-12:15pm

Student	Project	Supervisor	Sponsor
Samantha Meredith	Characterising the role of peroxidase in breast cancer cell invasion	Martina Paumann-Page	Cancer Society Diamond Harbour & Cheviot Groups and Cancer Society of New Zealand Canterbury-West Coast Division
Millie Taylor	Investigating the correlation of vitamin C levels in plasma of patients with advanced melanoma and patient response to immunotherapy	Gabi Dachs	Cancer Society Malvern Group
Ben Topham	Investigating immune cell vitamin C concentrations in melanoma patients undergoing immunotherapy	Margaret Currie	Cancer Society Hokitika Group & Cancer Society of New Zealand Canterbury-West Coast Division
Olivia Gray	A literature review related to nurse-led approaches to management of paediatric constipation in the community and the potential for a specialist nursing role (5-week project)	Philippa Seaton	Nurse Maude Association
Alice O'Connell-Milne	Evaluation of physiotherapy support for patients with lymphoedema in collaboration with specialist wound care and district nurses, and the impact of this model of care on patient outcomes and nursing practice	Philippa Seaton	Nurse Maude Association

Lunch | 12:20-12:50pm



Group 6 | 12:50-1:20pm

Student	Project	Supervisor	Sponsor
Hannah Davies	A national snapshot of health inequity in children with type 1 diabetes in New Zealand, due to a lack of funding for continuous glucose monitoring	Martin de Bock	Diabetics Christchurch Inc and Diabetes Training and Research Trust
Abida Denny	Prevalence and safety of complementary or alternative medicine use among children attending Christchurch Hospital	Angharad Hurley	UOC Paediatrics, Cure Kids
Annaleise Faint	Experience of a clinical trial on gastrointestinal health from the other side (internship)	Simone Bayer	Puhoro STEM Academy funded by New Zealand National Science Challenge – High-Value Nutrition
Jerry Goh	Auditing outcomes from the Better Breathing programme	Michael Maze	Pegasus Health Charitable Limited
Devany Markovic	The use of the primary care patient experience survey in general practice	Ben Hudson	Pegasus Health Charitable Limited

Group 7 | 1:20-1:50pm

Student	Project	Supervisor	Sponsor
Max Hingham	Donor screening and application of adipose-derived stem cells	Khoon Lim	UOC, Orthopaedic Surgery and Musculoskeletal Medicine
Zoe Honeyfield	The role of tikanga Māori within hauora Māori professional development portfolio to researchers, administrators, service managers and clinicians	Amber Philpott	Māori Indigenous Health Institute, UOC
Justin Jordan	An audit of the role and impact of the motor neurone disease clinical nurse specialist	Rachel Wiseman	Motor Neurone Disease New Zealand
William Ju	Attitudes towards foot care and barriers to attending annual diabetes foot assessment in Canterbury, New Zealand: An exploratory, qualitative study	Ibrahim Al-Busaidi	Pegasus Health Charitable Limited and Diabetes Research Institute Trust
Julia Kayes	The breath of a mother: A review of the Te Hā – Waitaha Smokefree Pregnancy Incentive Programme	Allamanda Faatoese	Health Research Council of New Zealand
Brydie Keenan	An audit of the Te Hā – Waitaha Smokefree Pregnancy Incentive Programme	Lutz Beckert	Canterbury District Health Board

Group 8 | 1:50-2:20pm

Student	Project	Supervisor	Sponsor
Shiristi Kumar	Cardiometabolic health status in Fijian-Indians – systematic literature review	Pritika Narayan	University of Otago, Division of Health Sciences, Pacific Studentship
Ritchie Li	Impact of brachytherapy needle movement on prostate cancer dosimetry. Developing a model to account for needle movement	Ben Hindson	Oncology Department Research Trust Funds
Hannah Maher	Acceptability of oral azithromycin as empiric treatment for Legionnaires' disease and clinical outcomes compared with intravenous therapy	Stephen Chambers	The Infection Management Service, Christchurch Hospital
Elishia Mako	Transforming a eurocentric cardiovascular research group into a culturally safe research environment	Karaitiana Taiuru	University of Otago, Division of Health Sciences, Māori Studentship
Andrew Memory	Determinants of co-infection and re-infection with the most prevalent STIs in NZ	Tony Walls	University of Otago, Division of Health Science

Group 9 | 2:20-2:40pm

Student	Project	Supervisor	Sponsor
Priyanka Nathu	Influences on medical student attitudes to death and dying at the end of a six-year curriculum	Amanda Landers	Canterbury Education and Research Trust for the Health of Older Persons
Louis Newman	Extracellular vesicles for cartilage repair	Xiaolin Cui	Ministry Business Innovation & Employment Science Whitinga Fellowship
Andreas Nicolaou	Vaping use patterns and brand preference among parents of children and among teenagers (13-16 years old) attending Christchurch Hospital	Philip Pattemore	Freemasons
Fiona Nicoll	The role of te reo Māori within a hauora Māori professional development portfolio for administrators, researchers, service managers and researchers	Amber Philpott	Canterbury District Health Board
Jackson O'Neill	Genetic susceptibility to Legionella longbeachae infection in humans	Martin Kennedy	University of Otago, Division of Health Science

Group 10 | 2:40-3:15pm

Student	Project	Supervisor	Sponsor
Nipa Patel	Design and development of skin-adhesive hydrogels for CPAP devices	Cesar Alcalá	Fisher and Paykel Healthcare
Malshi Premaratne	Patterns and outcomes of <i>Helicobacter pylori</i> infection in children in the South Island of New Zealand	Andrew Day	UOC Paediatrics, Cure Kids
Arlia Schurr	Assessing changes to children's lives after fixing their teeth under general anaesthesia	Arun Natarajan	Canterbury Branch New Zealand Dental Association
Emmanuel Shaji	Predictors of spontaneous reversion to sinus rhythm in patients managed on the CDHB ED Atrial Fibrillation Pathway	Laura Joyce	Maurice and Phyllis Paykel Trust
Samantha Sharp	Healthcare for elderly patients in acute settings	Susan Wood	CDHB Quality and Patient Safety
Conor Tarrant	Key components of eating disorders treatment for those identifying as female, male or gender diverse	Jennifer Jordan	Department of Psychological Medicine / EDGI study

Group 11 | 3:15-3:50pm

Student	Project	Supervisor	Sponsor
Nasya Thompson	Understanding suprapubic catheter usage in the Canterbury population	Giovanni Losco	Canterbury Urology Research Trust
Samuel Tomkins	Delivery of growth factors for treatment of avascular necrosis (AVN)	Khoon Lim	Health Research Council of New Zealand
Hannah Ward	User experiences of do-it-yourself automated insulin delivery systems, a qualitative analysis as part of the CREATE trial	Martin de Bock	Diabetes Research Institute Trust
Grace Wharton	The CONSIDER statement: A toolkit to guide research	Amber Philpott	Māori Indigenous Health Institute, UOC
Suzie Wilding	The role of Te Tiriti o Waitangi within a hauora Māori PD portfolio for administrators, service managers, clinicians and researchers	Amber Philpott	Canterbury District Health Board
Matthew Wyllie	An examination of equity in bladder cancer diagnosis and treatment in the Canterbury region	Peter Davidson	Canterbury Urology Research Trust

Afternoon tea and prize giving | 3:50-4:20pm



CHRISTCHURCH

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