



COVID-19 MASTERCLASS 22 June – 3 July 2020 Programme

Monday 22 June

12.00 - 12.05 : **Welcome and Introduction:** [Professor Harlene Hayne](#)
Vice Chancellor of the University of Otago

12.05 - 12.30 [Professor Philip Hill](#) is the first holder of the McAuley Chair in International Health and is Co-Director of the Otago Global Health Institute and the Centre for International Health at the University of Otago. He will be discussing ***Understanding Global COVID-19 health statistics.***

12.30 - 1.00 [Professor Joanne Baxter](#) is the Associate Dean, Māori at the Te Pokapu o Hauora Māori / Centre for Hauora Māori at the University of Otago. Her talk will focus on ***Understanding key issues for Māori in the COVID-19 policy and health response.***

1.00 -1.30 [Professor Michael Baker](#) is an infectious diseases epidemiologist with an extensive publication record on pandemics and related research. His talk is entitled **The Covid-19 Elimination strategy: Why it was the best choice for New Zealand.**

Tuesday 23 June

12.00 - 12.30 [Dr Noelyn Hung](#) is an anatomical pathologist with subspecialist interest in perinatal pathology. Topic: ***The performance and pathological findings of COVID-19-positive autopsy.***

12.30 - 1.00 [Associate Professor Bob Huish](#) is Associate Professor of International Development Studies at Dalhousie University. His presentation will focus on ***Fighting COVID-19 - Cuba's important contribution.***

1.00 – 1.30 [Dr Sarah Jefferies](#) Dr Sarah Jefferies is a Public Health Physician in the Intelligence Group at the Institute of Environmental Science and Research (ESR) specialising in national communicable disease surveillance and outbreak response. She has been providing public health medicine expertise on behalf of the Ministry of Health during New Zealand's COVID-19 response including on national surveillance planning, risk assessment and epidemic intelligence. She will discuss ***National outbreak epidemiology in New Zealand***

Wednesday 24 June	
12.00 - 12.30	Dr Shyamal Das is a senior lecturer in the school of Pharmacy at the University of Otago. He will present <i>The Otago hand sanitiser solution for COVID-19</i>
12.30 - 1.00	Dr Aalisha Sahukhan is the Acting Head of Health Protection in the Fiji Ministry of Health. Her presentation is entitled <i>How did Fiji beat COVID-19?</i>
Thursday 25 June	
12.00 - 12.30	Associate Professor Tony Walls is a paediatric infectious disease specialist in the Department of Paediatrics at the University of Otago, Christchurch campus. He will discuss <i>Children and COVID-19.</i>
12.30 - 1.00	Dr Kaaren Mathias is a public health physician with a research focus on global mental health, who has worked in India the last 16 years. She will address <i>COVID-19 and implications for global mental health.</i>
Friday 26 June	
12.00 - 12.30	Dr Ashley Bloomfield is a public health medicine specialist and the Director General of Health of New Zealand. His presentation is entitled <i>Communicating with the Public about Covid-19.</i>
12.30 - 1.00	Dr Marissa Kaloga is a lecturer in the University of Otago's Social and Community Work programme, and coordinates the Communities and Organizations series. Her presentation will cover <i>Economic Justice, Social Determinants of Health, and New Zealand's Post COVID Recovery.</i>
1.00 -1.30	Associate Professor James Ussher is an immunologist and clinical microbiologist in the Department of Microbiology and Immunology at the University of Otago and Southern Community Laboratories. His research interests are in applied and molecular immunology, medical microbiology and vaccines. He will discuss <i>How is COVID-19 diagnosed and what are the future diagnostic possibilities?</i>
Monday 29 June	
12.00 - 12.30	Professor Robert Patman is one of the University of Otago's inaugural Sesquicentennial Distinguished Chairs and his research interests concern international relations, global security, US foreign policy, great powers, and the Horn of Africa. He will discuss <i>How has COVID-19 affected the global geo-political situation?</i>
12.30 - 1.00	Associate Professor Brian Cox is director of the Hugh Adam Cancer Epidemiology Unit at University of Otago. His primary research interest involves the causes of cancer. His presentation will focus on <i>What is the R value and why is it relevant to understanding COVID-19?</i>

Tuesday 30 June	
12.00 – 1.00	<p>Dr Ayesha Verrall is an infectious disease physician and epidemiologist at the Department of Pathology at the University of Otago, Wellington campus.</p> <p>Dr Susan Jack is a public health specialist and epidemiologist, and is a Medical Officer of Health, Southern regional DHB.</p> <p>Dr Andrew Chen is a Research Fellow with Koi Tū - the Centre for Informed Futures at the University of Auckland.</p> <p>They will discuss <i>Rapid case contact management: what is it and why is it important, how does it work in practice, and what is the role of technology to enhance it?</i></p>
Wednesday 1 July	
12.00 - 12.30	<p>Associate Professor Angela Ballantyne's academic interests include medical ethics education, research ethics, the ethics of pregnancy and reproductive technologies, and secondary use research with clinical data. Her talk will cover <i>Balancing utility and equity considerations in ICU triage.</i></p>
12.30 - 1.00	<p>Dr Matthew Parry is a statistician in the Department of Mathematics and Statistics at the University of Otago. He applies statistical and mathematical modelling to problems in epidemiology, epigenetics and agritech. He will present <i>How to understand modelling of COVID-19 spread.</i></p>
Thursday 2 July	
12.00 - 12.30	<p>Professor Miguel Quiñones-Mateu holds the Webster Family Chair in Viral Pathogenesis in the Department of Microbiology and Immunology at the University of Otago. His talk will reveal <i>What has been going on in the Otago COVID-19 laboratory?</i></p>
12.30 - 1.00	<p>Associate Professor James Ussher is an immunologist and clinical microbiologist in the Department of Microbiology and Immunology at the University of Otago and Southern Community Laboratories. His research interests are in applied and molecular immunology, medical microbiology and vaccines. His talk covers <i>How is a COVID-19 vaccine constructed and evaluated?</i></p>
Friday 3 July	
12.00 - 12.30	<p>Associate Professor Patricia Priest is the Head of the Department of Preventive and Social Medicine at the University of Otago. Her research interests include infectious disease epidemiology and prevention/control, screening and public health/epidemiology. She will discuss <i>What is New Zealand's strategy for surveillance of COVID-19 going forward?</i></p>
12.30 - 1.00	<p>Professor Stephen Knowles is in the Department of Economics at the University of Otago. His research interests include the economics of altruism, with a specific focus on what motivates people to donate to international development charities. He will discuss the <i>Relative costs of intervening against COVID-19 across the world.</i></p>