



OUR HEALTH IN OUR HANDS (OHIOH) SYMPOSIUM 2020 (ANU GRAND CHALLENGE)

Past, Present and Beyond – Advancing Deep
Personalization of Health across Disciplines and
Sectors

Date and time: **Thursday 26th & Friday 27th November 2020** (9am-5pm)
 Online: ZOOM (meeting ID will be provided post registration via email)
 Registration: [Eventbrite](#)
 Contact: ohioh.management@anu.edu.au

Day 1 – Thursday 26th of November

OVERVIEW OF THE RESEARCH PROGRAMS AND PROGRESS

9.00-9.10	Symposium Opening <u>Prof Keith Nugent</u> Deputy Vice-Chancellor Research and Innovation <u>Prof Russell Gruen</u> Dean of College of Health and Medicine
9.10-9.20	Introduction to OHIOH <u>Prof Antonio Tricoli</u> : OHIOH Co-Chair College of Engineering and Computer Science <u>Prof Matthew Cook</u> : OHIOH Co-Chair ANU Medical School, JCSMR Director of Immunology, Canberra Hospital
9.20-10.00	Diabetes Studies <u>Prof Christopher Nolan</u> : OHIOH Clinical Cohort – Diabetes Lead ANU Medical School Head of Diabetes Research Laboratory, Canberra Hospital
10.00-10.15	Virtual Coffee Break (Open Discussion)
10.15-11.00	Multiple Sclerosis Studies <u>Dr Anne Bruestle</u> : OHIOH Clinical Cohort – MS Lead Group Leader, JCSMR <u>Prof Christian Lueck</u> : OHIOH Clinical Cohort – MS ANU Medical School Head of Department of Neurology, Canberra Hospital



11.00-11.45	<p>Health Experience Team (HET) <u>Dr Jane Desborough</u>: OHIOH HET Lead Department of Health Services Research and Policy Research School of Population Health <u>Ms Ellen Brown, Mr Harry Ebbeck, Mr Lachlan Pedley</u> HET members with lived experience of Type 1 Diabetes <u>Ms Katrina Chisholm, Ms Janet Drew, Mr Mark Elisha, Dr Vanessa Fanning</u> HET members with lived experience of Multiple Sclerosis <u>Prof Christine Phillips</u> Social Foundations of Medicine, ANU Medical School</p>
11.45-13.15	Lunch Break
13.15-14.00	<p>Future Personalized Biomedical Sensors <u>Prof Antonio Tricoli</u>: OHIOH Sensor Program Lead College of Engineering and Computer Science <u>Prof Dragomir Neshev</u>: OHIOH Sensor Program Lead Research School of Physics</p>
14.00-14.15	Virtual Coffee Break (Open Discussion)
14.15-15.00	<p>Machine Learning for Healthcare <u>A/ Prof Hanna Suominen</u>: OHIOH Big Data Program Lead Research School of Computer Science Data61, CSIRO</p>
15.00-15.15	Virtual Coffee Break (Open Discussion)
15.15-16.00	<p>Panel Discussion: Multidisciplinary PhD Studies – Challenges and How to <u>Dr Will Grant</u> Australian National Centre for the Public Awareness of Science <u>A/ Prof Hanna Suominen</u>: OHIOH Big Data Program Lead Research School of Computer Science Data61, CSIRO <u>Dr Adam Damry</u>: OHIOH Post Doc Research School of Chemistry <u>Robin Vlieger</u>: OHIOH PhD Student Research School of Computer Science <u>Monalisha Ghosh Dastidar</u>: OHIOH PhD Student Nanotechnology Research Lab, Research School of Engineering</p>
16.00-16.15	Virtual Coffee Break (Open Discussion)
16.15-17.00	<p>Genomics <u>Prof Matthew Cook</u>: OHIOH Genomics Lead ANU Medical School, JCSMR Director of Immunology, Canberra Hospital</p>



Day 2 – Friday 27th of November

WHAT IS TO COME? FUTURE PERSPECTIVES AND PLANS

9.00-9.30	Day 2 Opening – OHIOH Management <u>Mr Chris Pugmire</u> : OHIOH Director
9.30-9.50	Diabetes: Linking Cohorts with Research Programs <u>Prof Christopher Nolan</u> : OHIOH Clinical Cohort – Diabetes Lead ANU Medical School Head of Diabetes Research Laboratory, Canberra Hospital
9.50-10.00	Virtual Coffee Break (Open Discussion)
10.00-10.45	Panel Discussion: To Go Wide or to Go Deep in Research? <u>Prof Helen Sullivan</u> Director of Crawford School of Public Policy <u>Prof Antonio Tricoli</u> : OHIOH Sensor Program Lead College of Engineering and Computer Science <u>Dr Eleni Daskalaki</u> : OHIOH Post Doc Research School of Computer Science <u>Chirath Hettiarachchi</u> : OHIOH PhD Student Research School of Computer Science <u>Alishba John</u> : OHIOH PhD Student Nanotechnology Research Lab, Research School of Engineering
10.45-11.00	Virtual Coffee Break (Open Discussion)
11.00-11.20	Multiple Sclerosis: Linking Cohorts with Research Programs <u>Dr Anne Bruestle</u> : OHIOH Clinical Cohort – MS Lead Group Leader, JCSMR <u>Prof Christian Lueck</u> : OHIOH Clinical Cohort – MS ANU Medical School Head of Department of Neurology, Canberra Hospital
11.20-11.30	Virtual Coffee Break (Open Discussion)
11.30-12.00	ACT Health – Future Perspectives <u>A/ Prof Rohan Essex</u> ANU Medical School Staff Specialist, Canberra Hospital
12.00-13.30	Lunch Break
13.30-13.50	Health Experience Team <u>Dr Jane Desborough</u> : OHIOH HET Lead Department of Health Services Research and Policy Research School of Population Health <u>Dr Adam Henschke</u> Senior Lecturer, National Security College



13.50-14.10	Recent Advances in Biomedical Sensors In OHIOH <u>Prof Antonio Tricoli</u> : OHIOH Sensor Program Lead College of Engineering and Computer Science <u>Prof Dragomir Neshev</u> : OHIOH Sensor Program Lead Research School of Physics
14.10-14.20	Virtual Coffee Break (Open Discussion)
14.20-14.40	Machine Learning for Healthcare <u>A/ Prof Hanna Suominen</u> : OHIOH Big Data Program Lead Research School of Computer Science Data61, CSIRO
14.40-15.00	Genomics <u>Prof Matthew Cook</u> : OHIOH Genomics Lead ANU Medical School, JCSMR Director of Immunology, Canberra Hospital
15.00-15.15	Virtual Coffee Break (Open Discussion)
15.15-16.45	PhD Student Poster Pitches and Discussion (5 min each)
16.45-17.00	Symposium Closing <u>Prof Antonio Tricoli</u> : OHIOH Co-Chair College of Engineering and Computer Science <u>Prof Matthew Cook</u> : OHIOH Co-Chair ANU Medical School, JCSMR Director of Immunology, Canberra Hospital