

OPSITARA 2021 Programme

Online Research Conference

Thursday 14th and Friday 15th October 2021



Session Timetable

Thursday 14 October

9.00 – 10.15am **Conference Welcome & Keynote**

10.30 – 11.45am **NH1 - Health Issues**
PE4 - Social Issues in Pedagogy
PE2 - Culture and Pedagogy
TO1 - Tourism

1.00 – 2.15pm **EA1 - Engineering Design**
PE6 - Learners 1
CR1 - Media

2.45 – 4.00pm **EA3 - Housing Construction**
PE1 - Blended Delivery
CR3 - Creative Practices
NH2 - Nursing Practice

Friday 15 October

9.00 – 10.15am **EA2 - Urban Design**
NH3 - Human Physical Performance
PE5 - Recognition of Prior Learning

10.30 – 11.45am **NH4 - Nursing Careers**
PE3 - Teaching and Learning
CR2 - Art

1.00 – 2.15pm **EA4 - Construction Management**
PE7 - Learners 2
PE8 - Practices in Industry 3

2.45 – 3.15pm **Conference Close**



Note: There are three to four streams for each session, each with a combination of 15-Min Presentations (P) and 5-Min 'Research Bites' (B)

Thurs 14 October: Conference Welcome and Keynote: 9.00am - 10.15am

Cultural Opening	– Hemi Hoskins (Ara)
Welcome from the Host Organising Committee	– Dr Michael Shone (Ara)
Keynote Presentation	– Prof. Federico Freschi (OP)

Thurs 14 October: 10.30am - 11.45am

NH1 – Health Issues (1 x Pres, 3 x Bite)

Session Chair: Johanna Rhodes (SIT)

Roxy Coman (P) Ara. Proposal for possible change of management of nausea and vomiting in pregnancy at the 24-Hour Surgery

Claudia Leong (B) Ara. Childhood Obesity

Miguel Tapia Gatica & Barbara Dolamore (B) Ara. Caffeine Levels in Yerba Mate Tea

Teri Robson, Martin Downing & Barbara Dolamore (B) Ara. Nutritional Value of Hemp Seeds

PE4 – Social Issues in Pedagogy (3 x Pres, 1 x Bite)

Session Chair: Claudia Gonnelli (SIT)

Suhaimi Abd-Latif & Norasieh Md Amin (B) OP, Unitec. Three-tier Processes of Inclusion that Value Diversity

Lynda Lawton (P) Ara. (NEET) young people and their 'transitions' to adulthood

John Grant, Maria Perez-y-Perez & Tracey-Anne Cook (P) Ara, UC, Skill Wise. “Work Active” – Embracing the Tertiary Learning Needs of Adults with Intellectual Disability – The “Forgotten Learners”

Inge Andrew (P) OP. Designing a Community Support System

PE2 – Culture and Pedagogy (2 x Pres, 1 x Bite)

Session Chair: Allen Hill (Ara)

Charmaine Tukua & Niki Hannan (P) Ara. Ko te Haruru o Rūaumoko – Impact of the 22nd of Feb 2011 Earthquake on Teaching & Learning 10 years later

Tagaloa Genevieve Taula-Togiaso (P) Ara. Perceptions Around Learning Support for Samoan Nurses

Mariechen Ngarotata, Heperi Harris, Reimana Tutengahe, Katie Marr, Niki Hannan & Faye Wilson-Hill (B) Ara. The Māui Mua Project

TO1 – Tourism (1 x Pres and 3 x Bite)

Session Chair: Michael Shone (Ara)

Rachel Byars (B) OP. Skills and training in the hotel sector

Helen Geytenbeek (B) OP. Tourism: what is the future for New Zealand?

Michael Shone, Kathryn Fortescue, Cheryl Stokes & Sampath Gunawardana (B) Ara. Perceptions of Destination Image in Tourism Choices

Sampath Gunawardana, Michael Shone & Luofeng Xu (P) Ara. Online Reviews of Restaurant Quality and Experience in Decision-Making

Thurs 14 October: 1.00pm - 2.15pm

EA1 – Engineering Design (4 x Bite)

Session Chair: Naveed ur Rheman (SIT)

Shuva Chowdhury & Rehan Masood (B) SIT. Developing an Operational Workflow to Integrate Mobile LIDAR Scanner in BIM Optimisation

Carlo Gabriel & Thiago Ribeiro Silva (B) SIT, Fisher & Paykel Ltd. Articulated Pneumatic Base for Injection Moulding Parts

Graeme Harris & Lyndsey Alton (B) Ara. 3D Printing a Fully Functioning Replacement Carburettor

Yao Li & Thomas Cronje (B) Ara. A Novel ARM Microcontroller-based AOA Interface

PE6 – Learners 1 (3 x Pres)

Session Chair: Kerry Mulligan (Ara)

Robyn Hill, Warren Smith & Jerry Hoffman (P) SIT. Online Learning in the Master of Applied Management

James Harrison (P) Capable NZ, OP. Further perspectives on the framework of developmental practice for vocational and professional roles produced from PhD findings

John Mumford (P) SIT. Artificial Intelligence and Algorithmic Biases: Developing Critical Thinking for Postgraduate Information Technology students

CR1 – Media (2 x Pres, 1 x Bite)

Session Chair: Bernard Otinpong (Ara)

Bronwyn Beatty (P) Ara. Technological innovations in the community media space

Brendan Reilly & Mark Aldridge (B) Ara. Professional Issues in Podcast Creation

Alice Rae-Flick & Masen Ma (P) Ara. Using collaborative projects to improve industry capability.

Thurs 14 October: 2.45pm - 4.00pm

EA3 – Housing Construction (2 x Pres, 1 x Bite)

Session Chair: Shuva Chowdhury (SIT)

Kerry Mulligan, Britta Basse & Daphne Robson (P) Ara. Measuring Baseline Performance and Quantifying Comfort Improvement in Home Heating

Rehan Masood, Mujaddad Afzal & Konstantin Peltsmakher (B) SIT. Cold-formed Steel (CFS) as a Prefabrication Technology for Medium Density Housing (MDH) in New Zealand.

Rehan Masood, Don Samarsinghe, Milad Moradibistouni & Sadeg Ali Akbarlou (P) SIT, Massey, VUW, Unitec. Identification of Offsite Construction Skills and Profiles

PE1 – Blended Delivery (3 x Pres)

Session Chair: Bruce Russell (Ara)

Johanna Rhodes & Mary McMillan (P) SIT. Using the simulation modality of Mask-Ed™ (KRS Simulation) during lockdown.

Vijay Kumar (P) OP. Lock-down Challenges to Remote Learning

Melanie Welfare (P) Ara. Virtual reality as a teaching and learning tool in midwifery education.

CR3 – Creative Practices (4 x Pres)

Session Chair: Lesley Brook (OP)

Carl Pavletich (P) Ara. Human-centred Design as a Strategy to Research How Millennials See Christchurch

Lee Borrie (P) Ara. How Do Creative Communities Develop in a Moneyless Economy? A Case Study of New Zealand Music Video Production in the 1980s

Tim Budgen (P) Ara. Ngā Atua Hou (the People Weaver)

Tom Eason & Holly Chappell (P) Ara. Frankenstein: a Case Study with Physical Theatre

NH2 – Nursing Practice (1 x Pres, 2 x Bite)

Session Chair: Isabel Jamieson (Ara)

Anna Richardson, Sandra Richardson, R. Naef, N.S. McAndrew, P. Bierwaltes, V. Chiang, D. Clisbee, J. de Beer, J. Honda, M. Nagi-Cupal, A.M. Price, T. Tehan, A. Towell-Barnard & S. Eggenberger (P) Ara, Others. Nurses' Perceptions and Practices of Family Engagement in Adult Intensive Care Units

Trish Thomson, Anna Richardson, Dianne Hudson, Ada Campbell & Avril Guihen (B) Ara. The Experience of Nursing Students Placed at Managed Isolation Quarantine Facilities (MIQF)

Peta Taylor & Heather Josland (B) Ara. Research Influencing Practice: A Real World Example

Fri 15 October: 9.00am - 10.15am

EA2 – Urban Design (3 x Pres, 1 x Bite)

Session Chair: Carlo Gabriel (SIT)

Naveed ur Rehman (P) SIT. Solar Powered Vertical Farms: A Case Study for New Zealand

Abdul Rehman, Naveed ur Rehman & Max Yap (P) SIT. Solar Powered Cryptocurrency Mining Business in New Zealand

Imran Ishrat, Nigel Grigg, Nihal Jayamaha & Carel Bezuidenhout (P) Ara, Massey. The Effects Of Globalisation on Quality and Sustainability in the Cashmere Industry.

Mazharuddin Syed Ahmed (B) Ara. Smart-citizens for a Smart-city

NH3 – Human Physical Performance (1 x Pres, 3 x Bite)

Session Chair: Peter Olson (Ara)

Graeme Harris, Lyndsey Alton, Alex Taylor, Robbie McGregor (B) Ara. Improving the Kayak Racing Wing Paddle

Heperi Harris, Peter Olsen, Helen Marshall, Maria Choukri, Claudia Leong, Brooke Kaminski, Nick Draper, Catherine Elliot & Michael Hamlin, (P) Ara, UC, Lincoln. The Physical Demands of Kī-o-Rahi Competition

Joanne Trezise & Anthony Blazeovich (B) SIT, Edith Cowan. Modelling human strength – are we more complex than robots?

Antonia Luthi, Alice Barham, Rhea Deacon, Saoirse Kelly, Clare King & Maria Choukri (B) Ara, Cancer Society, Cultivate Christchurch, New World. Resource development to decrease drinking in young athletes

PE5 – Recognition of Prior Learning (3 x Pres)

Session Chair: Glenys Forsyth (OP)

Martin Andrew, Sam Mann & Jo Kirkwood (P) OP. Nurturing a new Doctorate of Professional Practice – voices from three academic mentors

Glenys Forsyth, Jo Kirkwood & Glenys Ker (P) OP, Capable NZ. Facilitating Learner Success in Professional Practice Qualifications: The Critical Role of the Academic Mentor

Sundeep Daggubati & Kam Cheng (P) Ara. Mapping the Southbase Competency Framework to credit requirements in the New Zealand Diploma in Construction Management

Fri 15 October: 10.30am - 11.45am

NH4 – Nursing Careers (3 x Pres)

Session Chair: Jo Kirkwood (OP)

Isabel Jamieson, Cathy Andrew, Ray Kirk & Kirsty Donaldson (P) Ara, UC, NZNO. Generation Z RNs (2020) ‘Commitment to Nursing’ compared to Generation Y RNs (2010)

Margaret Hughes, Gayle Rose & Henrietta Tripp (P) Ara, UoO. Nurses Experiences and Perceptions of Living and Working With a Disability: A Qualitative Descriptive Study

Patricia Conradson (P) SIT. Working overtime: Factors which influence nurses' decisions to continue or cease working.

PE3 – Teaching and Learning (2 x Pres, 2 x Bites)

Session Chair: Amber Paterson (OP)

Lesley Gill (P) OP. Emotional Intelligence in Teaching and Learning

Ana Terry (P) OP. Joining the dots - visually literacy in learning and teaching

Christina Liang & Claudia Gonnelli (B) SIT. The Micro-Investigator Programme and the Demystification of ‘Science’

Jean Cory-Wright, Veronica O’Toole & Chris North (B) Ara, UC. Education Outdoors Emotions and Memory

CR2 – Art (3 x Pres)

Session Chair: Bruce Russell (Ara)

Nathan Ingram (P) Ara. Urban Contemporary Art: From Street to Gallery

Lesley Brook (P) OP. 19 Influences of Emotional Responses to Contemporary Art

Dorothee Pauli (P) Ara. Hidden in Plain sight: Towards a History of Printmaking at the Ara School of Art Design

Fri 15 October: 1.00pm - 2.15pm

EA4 – Construction Management (1 x Pres, 2 x Bite)

Session Chair: Rehan Masood (OP)

Sundeep Daggubati & Kam Cheng (B) Ara. Resource tagging for identifying safety risks that result from deviation between work as imagined and work as being done

Samanthi Menike (B) SIT. Road Construction Project: Material Reconciliation

Omer Altaf, Liam Witherspoon & Rolando Orense (P) OP, UoA. Risk Assessment of Liquefaction-Induced Ground Damage in the Puketoka Formation of Auckland, New Zealand

PE7 – Learners 2 (2 x Pres, 1 x Bite)

Session Chair: Lesley Gill (OP)

Liz Ditzel, Leoni Schmidt, Michael Greaves, Amndy Kilsby & Amber Paterson (P) OP. What learner capabilities contribute to graduates' work readiness?

Amber Paterson (B) OP. Integrating Learner Capabilities (transferable skills) and EduBits (micro credentials) into Year 3 Bachelor of Nursing

John Archer, Hufsa Kazmi, Robyn Valentine & Lynley Woodward (P) SIT. The Expectations and Perceptions of Younger (25 yrs or under) Business Students at a Higher Education Institution in NZ

PE8 – Practices in Industry 3 (4 x Pres)

Session Chair: Suhaimi Latif (OP)

Glenys Forsyth, Jo Kirkwood & Glenys Ker (P) OP, Capable NZ. Weaving of your personal self and professional self

Syed Faisal Hasan (P) OP. A Model of Work-Based Learning for the IT Industry

Trevor Nesbit, Jeremy Robertson, Sandra Black & Miyuki Godinet (P) Ara, UC. Soft Skills as an Aid to Employability in Accounting

Darlene Thomas & Sonali Mendis (P) SIT. A Case Study of a New Zealand College's Centenary Celebrations

Fri 15 October: Conference Closing Remarks: 2.45pm - 3.15pm

Cultural Closing – Hemi Hoskins (Ara)

Closing from the Host Organising Committee – Dr Allen Hill (Ara)