

Research Output

Academic Services

Learning Design

Authored Book

Selena Chan

Chan, S. (2020). Identity, pedagogy and technology-enhanced learning: supporting the processes of becoming a trades person. (1 ed.) Singapore: Springer. 978-981-15-2128-7.

Chapter in Book

Selena Chan

Chan, S. (2020). Learning the tacit dimensions of craft and industrial trades work. In R. Hermkes, T. Bonoswski & G. H. Neuweg, Implicit Knowledge/Implizites Wissen (pp.175-193). Germany: wbv Publikation. 9783763960071.

Research Department

Conference contribution - Published

Michael Shone

Shone, M., & Fortescue, K. (2020). Modelling destination image: visitor and resident perspectives of Otautahi-Christchurch. In D. Williamson, T. Harkison, T. Brothers, P. Jose (Eds), CAUTHE 20:20 Vision: New Perspectives on the Diversity of Hospitality and Tourism Events. Proceedings of the 30th Annual Conference, (pp.461-463). Auckland, New Zealand: Auckland University of Technology.

Department of Applied Sciences and Social Practice

Journal article

Claudia Leong

Gibson, R., Rahmanna, S., Diana, A., Leong, C., Haszard, J., Hampel, D., Reid, M., Erhardt, J., Suryanto, A., Sofiah, W., Fathonah, A., Shahab-Ferdows, S., Allen, L., & Houghton, L. (2020). Association of maternal diet, micronutrient status, and milk volume with milk micronutrient concentrations in Indonesian mothers at 2 and 5 months postpartum. *The American Journal of Clinical Nutrition*, 112(4), pp. 1039-1050. doi:10.1093/ajcn/nqaa200

B. Applied Science

Conference contribution - Published

Peter Olsen

Hamlin, M., Lizamore, C., Olsen, P., & Marshall, H. (2020). Monitoring heart rate, heart rate variability, and subsequent performance in team-sport athletes receiving hypoxic or normoxic repeated sprint training. In Masters,

R and Driller, M (Eds), Sport and Exercise Science New Zealand Annual Conference, 4(3), (pp.36-37). Christchurch, New Zealand: SESNZ.

Busbridge, A., Hamlin, M., Jowsey, J., Vanner, M., & Olsen, P. (2020). Running demands in women's rugby. In Masters, R and Driller, M (Eds), Sport and Exercise Science New Zealand Annual Conference, (pp.19).

Marshall, H., Goodall, T., Callahan, D., Olsen, P., & Chen, D. (2020). The effect of a volunteer-led community-based exercise programme on health outcomes in patients with chronic obstructive pulmonary disease. In Masters, R and Driller, M (Eds), Sport and Exercise Science New Zealand Annual Conference, (pp.44).

Journal article

Patrick Boudreau-Alguire

Boudreau, P., Houge Mackenzie, S., & Hodge, K. (2020). Flow states in adventure recreation: A systematic review and thematic synthesis. *Psychology of Sport and Exercise*, 46, pp. 1-14. doi:10.1016/j.psychsport.2019.101611

Peter Olsen

Busbridge, A., Hamlin, M., Jowsey, J., Vanner, M., & Olsen, P. (2020). Running demands of provincial women's rugby union matches in New Zealand. *The Journal of Strength and Conditioning Research*, April 13th, doi:10.1519/JSC.0000000000003579

Takamori, S., Hamlin, M., Kieser, D., King, D., Hume, P., Yamazaki, T., Hachiya, M., & Olsen, P. (2020). Senior club-level rugby union player's positional movement performance using individualized velocity thresholds and accelerometer-derived impacts in matches. *The Journal of Strength and Conditioning Research*, March 09, doi:DOI: 10.1519/JSC.0000000000003523

GradDiplT

Oral presentation

Barbara Dolamore

Dolamore, B. (2020, November). Impacts of cyanobacteria blooms in Lake Forsyth/ Te Wairewa, Canterbury. Presented to the WINTEC: Sustainable Futures Symposium, Hamilton, New Zealand.

Medical Imaging

Journal article

Warwick Shillito

Sampath, K., Darlow, B., Tumilty, S., Shillito, W., Hanses, M., Devan, H., & Thomson, O. (2020). Barriers and facilitators experienced by osteopaths in implementing a biopsychosocial (BPS) framework of care when managing people with musculoskeletal pain – A mixed methods systematic review protocol. *International Journal Of Osteopathic Medicine*, 10.1016/j.ijosm.2020.01.001, pp. 1-5. doi:10.1016/j.ijosm.2020.01.001

Social Work

Journal article

Adele Parkinson

Parkinson, A R., Keddell, E., & Walker, P. (2020). Exploring peer support as a strategy to reduce self-stigma for marginalised children of parents with mental illness (COPMI). *British Journal of Social Work*, bcaa161, pp. 1-20. doi:https://doi.org/10.1093/bjsw/bcaa161

Lok Kan

Kan, K., Connor, H., & Beddoe, L. (2020). Accessing social service support: barriers and problems experienced by Chinese migrants living in Auckland, Aotearoa/New Zealand. *Aotearoa New Zealand Social Work*, 32(4), pp. 131-144. doi:10.11157/anzswj-vol32iss4id800

Department of Creative Industries

Conference Contribution - Other

Kim Lowe

Lowe, K. (2020, October). Marama III (embossed ghost print 27 x 28cm); Orbit (embossed relief print with ink and gold leaf 21 x 28cm). Online exhibition at the International Academic Printmaking Alliance 3rd Printmaking Biennale and Academic Symposium, Beijing, China.

Creative Work - Exhibition

Kim Lowe

Lowe, K. (Artist). (2020, 17 July - 14 August 2020). Brush and Ink Studies [ink on mulberry, harakeke and kizuku papers, various sizes] Ihutai II [ink and acrylic on paper, 600 x 400mm] The Gut [ink and acrylic on paper, 380 x 565mm] Immanent Separation [ink and acrylic on BFK rives 300gsm, 400 x 600mm] Ihutai III [ink and acrylic on paper, 600 x 800mm] Wave Form and Rice Pattern [ink and acrylic on paper, 600 x 800mm] Covert Transmission [ink and acrylic on paper] Three Ink Studies [ink on paper] Four Treasures - Please sign in and wash your hands [acrylic, ink, inkstone on paper]. None stated on catalogue (Curator) In Silence of the Brush. Ilam Campus Gallery, University of Canterbury, Christchurch, New Zealand.

Lowe, K. (Artist), & Barry, J. (Artist). (2020, 2 June - 20th June 2020). Tupuna/Blue Lady (Ink and acrylic on BFK Rives, 600 x 800mm); Dark Devil's Staircase (Ink and acrylic on BFK Rives, 800 x 600mm); Aparima (Ink and acrylic on BFK Rives, 800 x 600mm); Roto (Ink and acrylic on BFK Rives, 600 x 800mm); Ihutai (Ink and acrylic on BFK Rives, 600 x 800mm); Orepuiki, (Ink and acrylic on BFK Rives, 600 x 800mm); Piopiotahi II, (Ink and acrylic on BFK Rives, 600 x 400mm); Piopiotahi III, (Ink and acrylic on BFK Rives, 800 x 600mm); Te Anau, (Ink and acrylic on BFK Rives, 800 x 600mm). In If Tao is a River. Chambers Gallery, Christchurch, New Zealand.

*Creative Work - Other***Kim Lowe**

Lowe, E., Lowe, K., & Lowe, L. (2020). Eddie Lowe's Cookbook (A self published family history and cookbook with 90 recipes, family photos, artwork and Traditional Chinese Medicine health tips. 145 pages). Christchurch, New Zealand.

*Oral presentation***Kim Lowe**

Lowe, K. (2020, September). Kim Lowe and Te Wheke in conversation with Dr Andrew Paul Wood. Presented to the Christchurch Art Gallery, Te Puna o Waiwhetū Christchurch Art Gallery, Christchurch, New Zealand.

Art and Design*Creative Work - Exhibition***Bruce Russell**

Russell, B. (artist), & Wood, L. (artist). (2020, 14 October 2020 to 14 February 2021). Etonian by Visceral Realists (sound recording). F. Lopez (Curator) In Audiosphere Sound Experimentation 1980-2020. Museo Nacional Centro de Arte Reina Sofía, Madrid, Spain.

John Maillard

Maillard, J. (Exhibitor). (2020, 7 August - 29 August). "Around my house during lockdown" Photographic print, pigment ink on etching paper. 35 x 28" Wide flat white frame, white mat 28.5 x 21.5" Image, Glass. W. Feeney (Curator) Isabel Petrache-Briels (Curators) In The Junction. Live in vacant spaces, The Junction, Christchurch, New Zealand.

Maillard, J. (Exhibitor). (2020, 18 - 21 June). Punakaiki Archival Photograph Behind my house #1 Archival Photograph West Coast Archival Photograph Napi Napi Beach Archival Photograph Behind my house#2 Archival Photograph West Coast Sea Archival Photograph Tasman star Light Archival Photograph Morning Archival Photograph Birdsongs Archival Photograph The Bay Archival Photograph Ohau Archival Photograph Cardona Archival Photograph. J. Morrison (Curator) In Christchurch Art Show (Covid Online). Online due to Covid.

*Creative Work - Film, Video, Musical Recording***Bruce Russell**

Russell, B. (improviser), Morley, M. (improvisor engineer), & Yeats, R. (improviser). (2020) All Goodbyes / The Dead C. [7" EP Record]. Dunedin, New Zealand: Kā Pukepuke-o-Te-Waiparapara.

Russell, B. (improviser), Morley, M., & Yeats, R. (2020) Unknowns. [LP record/compact disc]. Dunedin, New Zealand: My Pit/Pacific Heights. (Engineer/Musician/Improvisor).

*Creative Work - Performance***Mark McEntyre**

Hepi, J. (Author), Hepi, J. (Director), Lee, D. (Co Director), & McEntyre, M. (Designer). (2020, Tumahana. Physical Theatre/Circus. Live performance in Ron Ballroom, Town Hall, Christchurch. Juanita Hepi & Christchurch Symphony Orchestra.

*Oral presentation***John Maillard**

Maillard, J. (2020, October). Photography in an era of digital overload and photography by John Maillard. Presented to the Christchurch Photographic Society, Riccarton Community Church, 44 Elizabeth Street, Riccarton, 8041 Christchurch, New Zealand.

Broadcasting Communications*Creative Work - Film, Video, Musical Recording***Vicki Wilkinson- Baker**

Wilkinson-Baker, V. (Director). (2020) Hyundai Country Calendar, Episode 16 - Where the Buffalo Roam. [Television Programme]. New Zealand: TVNZ. (Director).

Music Arts*Creative Work - Film, Video, Musical Recording***Harry Harrison**

Harrison, Harry. (musical arranger)/performer/video creator. (2020) Baby's Coming To Town - Pokey LaFarge (arrangement/performance). [Music Video]. Christchurch New Zealand: Home studio. (arranger/performer).

*Creative Work - Performance***Gwyn Reynolds**

Taylor, K. (Singer and Band Leader), Reynolds, G. (Saxophonist and Arranger), Taitoko, S. (Trombonist), Pearce, C. (Trumpeter and Arranger), Rainey, T. (Pianist and Arranger), Story, M. (Bassist), & Smillie, L. (Drummer). (2020, 18, October). Kate Taylor and Band. Concert. Live performance in The Great Hall, Christchurch, New Zealand. Concerts for Christchurch Foundation Trust.

Performing Arts*Conference Contribution - Other***Anthony (Tony) McCaffrey**

McCaffrey, T. (2020, July). What contribution can learning-disabled theatre make to the ecologies and politics of contemporary performance?. Oral presentation at the International Federation for Theatre Research/ Performance and Disability Working Group, Galway, Ireland (online).

*Creative Work - Performance***Juliet Reynolds-Midgley**

Reynolds-Midgley, J. (Vocalist). (2020, 11th, September). He Says, She Says. Concert. Live performance in The Piano, Christchurch, New Zealand. Blackboard Theatre Collective.

*Journal article***Anthony (Tony) McCaffrey**

McCaffrey, T. (2020). Polyfest postponed: performing 'us' in Christchurch in 2019?. Australasian Drama Studies, 76(April 2020), pp. 88-122.

Department of Engineering and Architectural Studies**Architectural Studies***Conference contribution - Published***Kerry Mulligan**

Mulligan, K., Basse, B., & Robson, D. (2020). Bubble wrap or slippers? That is the question: From hamlet to home insulation. In H. Askarinejad, S. Yazdani, and A. Singh (Eds.), International Structural Engineering and Construction, 7(2), (pp.HOS-02-1 - HOS-02-6). Fargo, North Dakota, United States of America: ISEC Press. doi: https://www.isec-society.org/ISEC_PRESS/ASEA_SEC_05/xml/HOS-02.xml.

*Journal article***Mazharuddin Syed Ahmed**

Alkhezzi, F., & Ahmed, M. (2020). A review of mobile learning technology integration: Models, frameworks, and theories. College Student Journal, 54(4), pp. 491-504.

*Oral presentation***Mazharuddin Syed Ahmed**

Syed Ahmed, M. (2020, February). Integrating BIM and virtual design and construction (VDC) in architectural curriculum. Presented to the International Institute of Information Technology, Hyderabad, International Institute of Information Technology, Hyderabad, India.

Syed Ahmed, M. (2020, February). Job of the future: Skills for the new reality. Presented to the Osmania University: Muffakham Jah College of Engineering and Technology, Osmania University, Hyderabad, India.

Syed Ahmed, M. (2020, November). Maori Sustainable Values in BIM Data as part of

New Zealand BIM Handbook. Presented to the Christchurch City Council, Christchurch, New Zealand.

Construction*Conference Contribution - Other***Keith Power**

Power, K. (2020, November). Use of bills of quantities in the Christchurch rebuild. Oral presentation at the OPSITARA, Invercargill, New Zealand.

Sundeep Daggubati

Daggubati, S., & Cheng, K. (2020). Facilitating the transition from engineering education into construction management diplomas. Abstract and Oral Presentation at the ITP Research Symposium, Toi Ohomai Institute of Technology, Rotorua, NZ.

Conference contribution - Published

Kam Cheng

Daggubati, S., & Cheng, K. (2020). Facilitating the transition from engineering education into construction management diplomas. 2020 ITP Research Symposium by Toi Ohomai Institute of Technology, (pp.27). Rotorua, New Zealand: Toi Ohomai Institute of Technology.

Journal article

Serdar Durdyev

Nodir, Utashev., Zhi Yu, Wang., Qing Yuan, Wang., Serdar, Durdyev., & Rana Faisal, Tufail. (2020). Anchorage of Perfobond Leiste shaped shear connector composite dowel with carbon fibre reinforced polymer. *Journal of Building Engineering*, doi:10.1016/j.job.2020.101711

Mahdiyari, Amir., Mohandes, Saeed Reza., Durdyev, Serdar., Tabatabaee, Sanaz., & Ismail, Syuhaida. (2020). Barriers to green roof installation: An integrated fuzzy-based MCDM approach. *Journal of Cleaner Production*, 269, doi:10.1016/j.jclepro.2020.122365

Kandymov, Nurmurat., Masha, Andi., Durdyev, Serdar., & Yardim, Yavuz. (2020). Construction materials' properties: Investigation of unreinforced masonry buildings in the cities of Tirana, Durres and Elbasan. *Case Studies in Construction Materials*, 13, doi:10.1016/j.cscm.2020.e00395

Durdyev, Serdar. (2020). Review of construction journals on causes of project cost overruns. *Engineering, Construction and Architectural Management*, doi:10.1108/ECAM-02-2020-0137

MacDonald, F., & Durdyev, S. (2020). What influences women to study architectural, engineering, or construction (AEC) majors?. *Journal of Civil Engineering Education*, 147(2), doi:10.1061/(ASCE)E1.2643-9115.0000035

Engineering

Conference contribution - Published

Hossein Askarinejad

Askarinejad, H., Naruzberg, A., & Pidwerbesky, B. (2020). Effect of basecourse aggregate properties on strength of foamed bitumen stabilized materials. In H. Askarinejad, S. Yazdani, and A. Singh (Eds), *Proceedings of International Structural Engineering and Construction (ASEA SEC 5)*, 7(2), (pp.1-6). North Dakota, USA: ISEC Press. doi: www.doi.org/10.14455/ISEC.2020.7(2).INF-07.

Askarinejad, H., Yu, F., Qiu, L., & Cui, J. (2020). Effect of different structural parameters on track lateral stability. In C.M. Wang, V. Dao, & S. Kitipornchai (Eds), *Proceedings of the 16th*

East Asian-Pacific Conference on Structural Engineering and Construction, 2019, vol. 101, (pp.297-307). Singapore: Springer. doi: org/10.1007/978-981-15-8079-6_28.

Mohammad (Matt) Ramezani Pour

Ramezani-pour, M., Levien, A., & Ritchie, G. (2020). Planter box raingarden for zinc removal from storm water. In Askarinejad, H., Yazdani, S., and Singh, A., *Proceedings of International Structural Engineering and Construction*, 7(2), (pp.AAW-04-1 - AAW-04-6). Christchurch, New Zealand: ISEC. doi: www.doi.org/10.14455/ISEC.2020.7(2).AAW-04.

Ramezani-pour, M., & Kung, S. (2020). Simulation study of water reuse system for a regenerative houseboat by Epanet. In Askarinejad, H., Yazdani, S., and Singh, A., *Proceedings of International Structural Engineering and Construction*, 7(2), (pp. AAW-05-1 - AAW-05-6). Christchurch, New Zealand: ISEC. doi: www.doi.org/10.14455/ISEC.2020.7(2).AAW-05.

Edited Volume

Hossein Askarinejad

Askarinejad, H., Yazdani, S., & Singh, A.(Eds.). (2020). *Proceedings of the Fifth Australasia and South-East Asia Structural Engineering and Construction Conference*, Christchurch, New Zealand, November 30 - December 3, 2020. (7(2)). North Dakota, USA: ISEC Press. ISSN: 2644-108X.

Journal article

Hossein Askarinejad

Watkins, T., Askarinejad, H., & Yeo, J. (2020). Investigation into Effect of Sonic Drilling Methodology on Standard Penetration Test Results in Dense Sand. *Geotechnical Testing Journal*, 44, doi:https://doi.org/10.1520/GTJ20190249

Mohammad (Matt) Ramezani Pour

Ramezani-pour, M., Sivakumar, M., Osborn, N., Zhang, Y., & Kawa, H. (2020). A contact angle study of different greywater sources with hydrophobic membranes. *Water Quality Research Journal*, 55(3), pp. 310-326. doi:https://doi.org/10.2166/wqrj.2020.021

Department of Enterprise and Digital Innovation**Business**

Authored Book

James Murray

Parrino, R., Au Yong, H., Morkel-Kingsbury, N., James, J., Mazzola, P., Murray, J., Smales, L., & Wei, X. (2020). *Fundamentals of corporate finance*. (4th ed.) Shoalhaven, Australia: John Wiley & Sons. 9780730382577.

Conference Contribution - Other

Trevor Nesbit

Nesbit, T. (2020, September). Contextualising an eBusiness course during COVID-19

lockdown. Abstract at the 11th annual conference of Computing and Information Technology Research and Education New Zealand, Wellington, New Zealand.

Journal article

Imran Ishrat

Ishrat, S., Grigg, N., Bezuidenhout, C., & Jayamaha, N. (2020). Sustainability issues in the traditional cashmere supply chain: Empirical evidence from Kashmir, India. *Sustainability*, 12(24), doi:https://doi.org/10.3390/su122410359

Jeremy Ainsworth

Ainsworth, J. (2020). Feelings of ownership and volunteering: Examining psychological ownership as a volunteering motivation for nonprofit service organisations. *Journal of Retailing and Consumer Services*, 52, January, doi:10.1016/j.jretconser.2019.101931

Thesis

Sunita Gautam

Gautam, S. (2020). Self-employment as a strategy for Indian immigrants' settlement in New Zealand (PhD., University of Canterbury). Christchurch, New Zealand.

Computing

Conference Contribution - Other

Joao Correia

Davidson, B., Correia, E., & Jhuo, M. (2020, October). Automation in a lab network. Abstract and oral presentation at the 11th Annual CITRENZ Conference, Wellington, NZ.

Smith, H., Proctor, M., & Correia, E. (2020, October). Redevelopment of programmes. Oral presentation at the ITx CITRENZ, Web based.

Phillip Roxborough

Roxborough, P. (2020, October). Apply constructive alignment to the delivery of information systems courses. Oral presentation/abstract at the 11th annual conference of Computing and Information Technology Research and Education New Zealand, Wellington, New Zealand.

Conference contribution - Published

Amitrajit Sarkar

Sarkar, A., & Ray, S. (2020). A data-driven decision making and contact tracing app for organizations to combat COVID-19. *Proceedings in International Conference on Computing, Networking, Telecommunications & Engineering Sciences Applications (CoNTESA)*, (pp.88-93). Tirana, Albania: IEEE. doi: 10.1109/CoNTESA50436.2020.9302854.

Sarkar, A., & Ray, S. K. (2020). Smart contract-based electric vehicle charging: A practice-based economy of things application. In D. Vogel, K Ning, S Pan and S Ling (Eds), *Pacific Asia Conference on Information Systems (PACIS) 2020 Proceedings*, 72, (pp.1-8). Dubai, United Arab Emirates: Association for

Information Systems. doi: <https://aisel.aisnet.org/pacis2020/72/>.

Sarkar, A., Wingreen, S., Ascroft, J., & Sharma, R. (2020). Towards a practice-based view of Information Systems Resilience Using the Lens of Critical Realism. In Tung Bui (Ed), Proceedings of the 53rd Hawaii International Conference on System Sciences I 2020, (pp.6184-6193). Honolulu, United States: University of Hawai'i. doi: <http://hdl.handle.net/10125/64498>.

Bernard Otinpong

Otinpong, B. (2020). Mobile app development course during lockdown: a reflection. In Emre Ertuk, Proceedings of the 11th Annual CITRENZ Conference (2020), (pp.28-29).

David Weir

Weir, D. (2020). Getting to know your neighbourhood during lockdown: a level 7 multimedia project course. In E. Erturk (Ed), Proceedings of the 11th Annual Conference of Computing and Information Technology Education and Research in New Zealand, (pp.18-19).

Dipendra Ghimire

Dipendra, G., Charters, S., & Gibbs, S. (2020). Scaling agile software development approach in government organization in New Zealand. ICSIM '20: Proceedings of the 3rd International Conference on Software Engineering and Information Management, (pp.100–104). Sydney, Australia: Association for Computing Machinery. doi: <https://doi.org/10.1145/3378936.3378945>.

Journal article

Dipendra Ghimire

Ghimire, D., & Aljanaby, A. (2020). Agile practices in teaching and learning in teamwork: A conceptual framework. New Zealand Journal of Business & Technology, 2, pp. 26-33.

Department of Health Practice

Report

John Grant

Grant, J., Perez-y-Perez, M., & Cook, T. (2020). Work active: Supporting the “forgotten learners” in their journey to work. Wellington: Ako - Aotearoa. Retrieved from <https://ako.ac.nz/knowledge-centre/work-active-teaching-and-learning/work-active-supporting-the-forgotten-learners-in-their-journey-to-work/>.

B. Applied Science

Journal article

Kesava Kovanur Sampath

Kovanur Sampath, K., & Fairs, E. (2020). A piece of the puzzle: response to Esteves et al. International Journal of Osteopathic Medicine, 38, pp. 39-40. doi:10.1016/j.ijosm.2020.10.010

Kovanur Sampath, K., Darlow, B., Tumilty, S., Shillito, W., Hanses, M., Devan, H., & Thomson, O.P. (2020). 'Barriers and facilitators experienced by osteopaths in implementing a biopsychosocial (BPS) framework of care when managing people with musculoskeletal pain – A mixed methods systematic review protocol'. 'International Journal of Osteopathic Medicine', doi:10.1016/j.ijosm.2020.01.001

Regen, R., Kovanur Sampath, K., Devan, H., & Arumugam, A. (2020). Effectiveness of physiotherapy interventions on disease-specific and generic outcomes for individuals with cardiovascular diseases in India a systematic review and Meta-analysis. Physical Therapy Reviews, doi:10.1080/10833196.2020.1792204

Oral presentation

Kesava Kovanur Sampath

Kovanur Sampath, K. (2020, October). Spinal manipulation; more than just a click. Presented to the Te Papa Hauora Health Precinct, Christchurch, New Zealand.

Midwifery

Chapter in Book

Lorna Davies

Davies, L., & Short, K. (2020). Developing the decision-making skills of student midwives in an undergraduate midwifery programme in New Zealand. In E. Jefford & J. Jomeen, Empowering Decision-Making in Midwifery: A Global Perspective. (pp.273-284). Abingdon, Oxon, UK: Routledge.

Mary Kensington

Davies, L., Daellenbach, R., & Kensington, M. (2020). Introduction. In L. Davies, R. Daellenbach M. Kensington, Sustainability, Midwifery and Birth (2nd ed.) (pp.1-12). London: Routledge, Taylor & Francis Group.

Kensington, M., & Rankin, J. (2020). Sustaining rural midwives and rural communities. In L. Davies, R. Daellenbach M. Kensington, Sustainability, midwifery and birth (2nd ed.) (pp.146-161). London: Routledge, Taylor & Francis Group.

Melanie Welfare

Welfare, M. (2020). Career or life cycle: The phenomenon of transitioning work-setting within midwifery in order to remain personally and professionally sustainable. In L. Davies, R. Daellenbach & M. Kensington, Sustainability, midwifery and birth (2nd ed.) (pp.131-145). Abingdon, United Kingdom: Routledge. 9780429290558.

Rea Daellenbach

Daellenbach, S., & Daellenbach, R. (2020). "Good mothers' in the age of finance'. In L. Davies, R. Daellenbach, M. Kensington, Sustainability, Midwifery and Birth (2nd ed.) (pp.266-282). Abingdon, United Kingdom: Routledge. 9780429290558.

Davies, L., Daellenbach, R., & Kensington, M. (2020). Introduction. In L. Davies, R. Daellenbach, M. Kensington, Sustainability, Midwifery and Birth (2 ed.) (pp.1-12). Abingdon, United Kingdom: Routledge. 9780429290558.

Edited Volume

Mary Kensington

Davies, L., Daellenbach, R., & Kensington, M.(Eds.). (2020). Sustainability, midwifery and birth (2nd). London: Routledge, Taylor & Francis Group.

Rea Daellenbach

Davies, L., Daellenbach, R., & Kensington, M.(Eds.). (2020). Sustainability, Midwifery and Birth (2). Abingdon, United Kingdom: Routledge. 9780429290558.

Journal article

Mary Kensington

Crowther, S., Rankin, J., Deery, R., Gilkison, A., Davies, L., Daellenbach, R., & Kensington, M. (2020). Experiences and needs of Scotland's rural midwives. The Practising Midwife, 23(5), pp. 36-40.

Daellenbach, R., Davies, L., Kensington, M., Crowther, S., Gilkison, A., Deery, R., & Rankin, J. (2020). Rural midwifery practice in Aotearoa/New Zealand: Strengths, vulnerabilities, opportunities and challenges. New Zealand College of Midwives Journal, 56, pp. 17-25. doi:<https://doi.org/10.12784/nzcomjnl56.2020.3.17-25>

Rea Daellenbach

Crowther, S., Rankin, J., Deery, R., Gilkison, A., Davies, L., Daellenbach, R., & Kensington, M. (2020). Experiences and needs of Scotland's rural midwives. The Practising Midwife, 23(5), pp. 36-41.

Daellenbach, R., Davies, L., Kensington, M., Crowther, S., Gilkison, A., Deery, R., & Rankin, J. (2020). Rural midwifery practice in Aotearoa/ New Zealand: Strengths, vulnerabilities, opportunities and challenges. New Zealand College of Midwives Journal, 56, pp. 17-25. doi:<https://doi.org/10.12784/nzcomjnl56.2020.3.17-25>

Daellenbach, R. (2020). Using life cycle analysis for more sustainability in midwifery practice. The Practising Midwife, 23(7), pp. 25-29.

Nursing

Chapter in Book

Julie Bowen-Withington

Bowen-Withington, J. (2020). Breasts and the lymphatic system. In P. Lewis & D. Foley, Health Assessment in Nursing: Australia and New Zealand Edition (3rd ed.) (pp.379-395). Sydney, Australia: Wolters Kluwer. 9781925058024.

Melissa Hanses

Socha, K., Hanses, M., Gallagher, M., Banasiak, N., & Correia, V. (2020). Health Maintenance Guidelines. In Meadows-Oliver, M. & Banasiak, N., Pediatric Practice Guidelines (pp.1-37). New York: Springer. 978-0-8261-6869-6.

Conference Contribution - Other

Kylie Short

Short, K. (2020, September). Completing a comprehensive consultation process for a national research health project. Oral Presentation at the 2020 ITP Research Symposium., Online.

Short, K. (2020, August). What do patients understand following the delivery of 'hospital' cardiac health education/information? A New Zealand Study. Oral Presentation at the CEHHD Postgraduate Student Research Showcase 2020 Changing times - Changing lives, Christchurch, New Zealand.

Michelle Thompson

Thompson, M., & Smit, G. (2020, November). How to get the buy in? Tertiary education in healthcare. Oral presentation at the ITP Sustainable Futures Research Symposium, WINTEC New Zealand (online presentation).

Journal article

Desma Christie

Steel, M., Seaton, P., Christie, D., Dallas, J., & Absalom, I. (2020). Nurse perspectives of nurse-sensitive indicators for positive patient outcomes: A Delphi study. *Collegian*, Article in press, doi:https://doi.org/10.1016/j.colegn.2020.02.009

Heather Josland

Taylor, P., Josland, H., & Batyaeva, N. (2020). A literature review: The case for appointing Parkinson's disease nurse specialists. *Kai Tiaki Nursing Research*, 11(1), pp. 50-57.

Isabel Jamieson

Jamieson, I., Norris, K., Short, K., Papps, E., & Dixon, A. (2020). Graduate entry to nursing: An exploration of the demographic characteristics of New Zealand students. *Nurse Education in Practice*, 48 (October), pp. 1-5. doi:https://doi.org/10.1016/j.nepr.2020.102855

Jo Borren

Borren, J., & Harding, T. (2020). Evolution of the Canterbury dedicated education unit model. *Nurse Education in Practice*, 46 (July 2020), pp. 1-7. doi:https://doi.org/10.1016/j.nepr.2020.102802

Julie Bowen-Withington

Bowen-Withington, J., Zambas, S., Macdiarmid, R., Cook, C., & Neville, S. (2020). Integration of high-fidelity simulation into undergraduate nursing education in Aotearoa New Zealand and Australia: An integrative literature review / Te whakaurunga mai o te whakataruna whakaahua tūturu ki roto i te akoranga tapuhi paetahi i Aotearoa me Ahitereiria: He arotake tuhinga paihere tikanga. *Nursing*

Praxis, 36 (3), pp. 37-50. doi:https://doi.org/10.36951/27034542.2020.013

Kylie Short

Jamieson, I., Norris, K., Short, K., Papps, E., & Dixon, A. (2020). Graduate entry to nursing: An exploration of the demographic characteristics of New Zealand students. *Nurse Education in Practice*, 48, pp. 1-5. doi:https://doi.org/10.1016/j.nepr.2020.102855

Lorna A Davies

Davies, L A. (2020). Coming to terms with the enrolled nurse scope of practice. *The Dissector*, 48(2), pp. 21-22.

Davies, L A., & Asbery, J. (2020). The evolving EN role. *Kai Tiaki Nursing New Zealand*, 26(5), pp. 18.

Melissa Hanses

Kovanur Sampath, K., Darlow, B., Tumilty, S., Shillito, W., Hanses, M., Devan, H., & Thomson, O. (2020). Barriers and facilitators experienced by osteopaths in implementing a biopsychosocial (BPS) framework of care when managing people with musculoskeletal pain – a mixed methods systematic review protocol. *International Journal of Osteopathic Medicine*, 35 (March), pp. 41-45. doi:https://doi.org/10.1016/j.ijosm.2020.01.001

Peta Taylor

Taylor, P., Josland, H., & Batyaeva, N. (2020). Literature review: The case for appointing Parkinson's disease nurse specialists. *Kai Tiaki Nursing Research*, 11(1), pp. 50 - 57.

Withington, J., & Taylor, P. (2020). Preceptorship: the neglected area. *Kai Tiaki Nursing New Zealand*, 26 (1), pp. 27.

Oral presentation

Anna Richardson

Richardson, A. (2020, 20-29 October). Multi-site family nursing project. Presented to the Ara: Institute of Canterbury, Manawa, Christchurch, New Zealand.

Department of Hospitality and Service Industries

Journal article

Sampath Gunawardana Hewa Malge

Gunawardana, H.M.R.S.S., & Steel, G. (2020). Territorial behaviors and fellow customers' expectations of employee responses in the casual dining environment. *Kelaniya Journal of Management*, 8(2), pp. 1–17. doi:10.4038/kjm.v8i2.7585

Oral presentation

Sampath Gunawardana Hewa Malge

Sampath Gunawardana, H.M.R.S.S. (2020, October). Territorial Behaviours and Other Customers' Experiences: Evidence from New Zealand Cafes. Presented to the Ara Institute of Canterbury Ltd., Christchurch.

Hospitality

Conference contribution - Published

Kathryn A Fortescue

Shone, M., & Fortescue, K. (2020). Modelling destination image: visitor and resident perspectives of Otago-Christchurch. In D. Williamson, T. Harkison, T. Brothers, P. Jose (Eds), *CAUTHE 20:20 Vision: New Perspectives on the Diversity of Hospitality and Tourism Events*. Proceedings of the 30th Annual Conference, (pp.461-463). Auckland, New Zealand: Auckland University of Technology.

Department of Humanities**ESOL**

Chapter in Book

Kerstin Dofs

Dofs, K. I., de Burgh-Hirabe, R., Tukua, C., & Kim, M. (2020). Preparing them: Autonomous learning and teaching experiences by four language educators in New Zealand. In C. Ludwig, M. G. Tassinari, & J. Mynard, *Navigating foreign language learner autonomy* (pp.125-147). Hong Kong: Candlin & Mynard.

Conference Contribution - Other

Kerstin Dofs

Dofs, K. (2020, Mutual adjustment as a leap through the dragon's gate. Oral presentation at the OPSITARA, Invercargill.

Dofs, K. (2020, November). Teaching to the times: A silver-lining in the lockdown situation. Oral presentation at the ALANZ symposium: Teaching to the times, Dunedin.

Japanese

Chapter in Book

Ryoko de Burgh-Hirabe

Tukua, C., de Burgh-Hirabe, R., Kim, M., & Dofs, K. (2020). Preparing Them: autonomous learning and teaching experiences by four language educators in New Zealand. In C. Ludwig, M. G. Tassinari, & J. Mynard, *Navigating Foreign Language Learner Autonomy* (1st ed.) (pp.125-147). Hong Kong: Candlin & Mynard ePublishing Limited. 9798630224071.

Mathematics

Conference contribution - Published

Daphne Robson

Mulligan, K., Basse, B., & Robson, D. (2020). Bubble wrap or slippers? That is the question: from Hamlet to home insulation. In Askarnejad, H., Singh, A., & Yazdani, S., *Proceedings of International Structural Engineering and Construction*, 7/2, Fargo, ND, United States of America: ISEC Press. doi: https://www.doi.org/10.14455/isec.2020.7(2). Hos-02.

Outdoor Education and Sustainability

Journal article

Allen Hill

Watson, S., Hill, A., North, C., Irwin, D., Cosgriff, M., & Boyes, M. (2020). Flourishing EOTC in Aotearoa New Zealand: Challenges and solutions. *SET*, 2020(2), pp. 25-30. doi:<https://doi.org/10.18296/set.0168>

Hill, A., Emery, S., & Dymont, J. D. (2020). Introduction to the Australian Curriculum Sustainability Cross-Curriculum Priority. *Geographical Education*, 33, 2020, pp. 8-10.

Hannah Berning

Berning, H., North, C., & Stevens, S. (2020). Environmental and sustainability education in teacher education: Canadian perspectives. [book review]. *Journal of Adventure Education and Outdoor Learning*, 21(3), doi:10.1080/14729679.2020.1819834

Report

Allen Hill

Hill, A., North, C., Cosgriff, M., Irwin, D., Boyes, M., & Watson, S. (2020). Education Outside the Classroom in Aotearoa New Zealand: A comprehensive national study - Final report. Christchurch: Ara Institute of Canterbury Ltd.

Teacher Education

Conference Contribution - Other

Faye Wilson-Hill

Wilson-Hill, F., Allen, A., & Roxborough, P. (2020, November). Collaborative inquiry into practice: kōrero from two kaiako/teachers at Ara Institute of Canterbury. Oral presentation at the Professional Practice Symposium, Dunedin, New Zealand.

Oral presentation

Niki Hannan

Hannan, N. H., & Tukua, C. T. (2020, January). Culturally responsive questioning strategies. Presented to the Ara Institute of Canterbury, Madras Campus, Christchurch, New Zealand.

Research Contribution

Academic Services

Learning Design

Contribution to research discipline and environment

Selena Chan

Appointment as co-editor - International Journal of Training Research.

Invitations to present research or similar

Selena Chan

Keynote to the annual VET Development Centre (Victoria, Australia) conference. Held 19th and 20th of November 2020 online. <https://vdc.edu.au/vdc-2020-teaching-learning-conference/>

Reviewing, refereeing, judging, evaluating and examining

Selena Chan

Examiner - Masters of Design Enterprise by Peter Blakeway, Otago Polytechnic. (Re) Designing food waste systems using the design frameworks of chefs: An exploration of the potential application in New Zealand context: The case of 'Good Neighbour'.

Examiner - PhD thesis for Otago University - Miriam Anne Gibson - Making meaning: The role of activity in Learning

Research Department

Facilitation, networking and collaboration

Michael Shone

I am a member of the Executive Committee 2020 for the Health Research Society of Canterbury (HRSC). The HRSC was formed in 1971 as the Christchurch Medical Research Society (CMRS). Its role is to provide a forum for the presentation of health research and to promote such research generally. Membership is open to all people either involved in or simply interested in health research. The Executive Committee is made up of members from each of the Canterbury region's health (including medical) research institutions: Ara Institute of Canterbury Ltd., University of Canterbury, University of Otago, and Lincoln University. I am the sole representative of my institution on this HRSC Executive Committee for 2020.

Outreach and engagement

Michael Shone

I was contacted by a member of the New Zealand mainstream media (Amanda Cropp, online/print news reporter for Stuff.co.nz; print reporter for Fairfax Media; Christchurch

bureau business chief) to provide comment on a topical tourism-related issue undergoing public debate and critique. This particular topic was: critiquing the role of the public sector (central government) in providing ongoing and substantial financial subsidy to the tourism sector in response to the impact of COVID-19 on global tourism and New Zealand tourism industry operators. This invitation was extended to me as the topic relates directly to my specific area of research expertise and experience (i.e., tourism public policy, regional development, destination management). The contribution did not go to print on this particular occasion.

Research prizes, fellowships, awards and appointments

Michael Shone

I was included as a nominee in the 'Research Awards - Excellence in Research' category of the 2020 Ara Institute of Canterbury 'Celebrating Our People' Awards. This was a peer-based nomination in which colleagues within the research community at Ara identified my significant contribution and impact on the research discipline and environment. Overall there were 13 nominated researchers for these 2020 Research Awards, from a total pool of 144 active researchers at Ara Institute of Canterbury.

Reviewing, refereeing, judging, evaluating and examining

Michael Shone

Invited to review for Anatolia - International Journal of Tourism and Hospitality Research (Taylor and Francis; Print ISSN 1303-2917; Online ISSN 2156-6909; Impact Factor: 0.632; H index=25; ABDC Journal Rating=B; Scopus CiteScore=0.73). 24 November 2020.

Invited to review for Journal of Hospitality and Tourism Management (Elsevier; ISSN 1447-6770; Impact Factor: 2.496). 10 April 2020.

Invited to review for Journal of Hospitality and Tourism Management (Elsevier; ISSN 1447-6770; Impact Factor: 2.496). 4 April 2020.

Invited to review for Journal of Sustainable Tourism (Taylor & Francis; Print ISSN 0966-9582; Online ISSN 1747-7646; 2019 Impact Factor: 3.986). 21 July 2020.

Reviewer of an academic monograph/ research report published by Ara Institute of Canterbury Ltd (externally funded by Education Outdoors New Zealand, and the New Zealand Ministry of Education). The reference for this report is as follows: Hill, A., North, C., Cosgriff, M., Irwin, D., Boyes, M. & Watson, S. (2020). Education Outside the Classroom in Aotearoa New Zealand – A Comprehensive National Study: Final Report. Christchurch, NZ: Ara Institute of Canterbury Ltd. ISBN 978-0-473-51826-4 (Softcover) ISBN 978-0-473-51827-1 (Hardcover) ISBN 978-0-473-51828-8 (Epub) ISBN 978-0-473-51829-5 (PDF) See Page 2 of this report.

*Student factors***Michael Shone**

One (1) successfully completed PhD supervision in 2020. Role: Associate Supervisor (co-supervisor) Institution: Lincoln University (New Zealand) Doctoral student: My Nguyen Diem Tran Thesis: International PhD students and Visiting Friends and Relatives (VFR) tourism: The case of New Zealand

Department of Applied Sciences and Social Practice**Allied Health***Invitations to present research or similar***Joanna Copley**

26/04/20, interview to ascertain if and how COVID-19 is impacting our present and futuristic food decisions, by Carmina Blewett, Student Journalist for Metro News, New Zealand Broadcasting School, 'COVID-19 New Zealand: Food for thought', published online 1 May 2020.

*Reviewing, refereeing, judging, evaluating and examining***Joanna Copley**

External examiner, Masters by Professional Practice, Otago Polytechnic, on evaluating impact of environmental art exhibition on visitors

Invited reviewing for various journals: Education Sciences (2022 - 2023) International Journal of Heritage Studies (2021 - 2023) Museum Worlds: Advances in Research (2014 - 2023) Museums International (2021 - 2023) Museums International special issue on 'Museums and Gender' (2020) New Zealand Journal of History (2020) Sustainability (2021 - 2023)

GradDipLT*Contribution to research discipline and environment***Grant Bennett**

Appointment to the Council of the Canterbury branch of the Royal Society. In this role I have been working with the wider Canterbury community to connect them to relevant authentic science. The aim of this is to engage the wider community in science and develop sustainable linkages across institutions and the community in the wider Canterbury region.

Invited as expert advisor for the "IAC Space Explorers" MBIE bid lead by Miranda Satterthwaite. Accepted invitation and gave feedback and critique to improve proposal.

*Facilitation, networking and collaboration***Grant Bennett**

Invited to support, profile and present with Ecleon Envirotech at a event profiling New Zealand Start ups to international ambassadors and high commission staff. Event shared between the Ministry of

Awesome (innovation incubator), Ara (via Te Ohaka) and the Ministry of Foreign affairs and Trade.

*Invitations to present research or similar***Barbara Dolamore**

SUSTAINABLE FUTURES Symposium 24 November 2020 Wintec, Hamilton, New Zealand

*Reviewing, refereeing, judging, evaluating and examining***Grant Bennett**

- Reviewer of the Journal Applied Sciences
- Reviewer for the Journal of Functional Foods

Social Work*Recognition of research outputs***Andrew Frost**

Inclusion as a nominee in the 'Research Awards: Excellence in Research' category of the 2020 Ara Institute of Canterbury 'Celebrating Our People' Awards. This was a peer-based nomination in which colleagues within the research community at Ara identified my "significant contribution and impact on the research discipline and environment". There were 13 nominated researchers for these 2020 Research Awards, from a total pool of 144 active researchers at Ara Institute of Canterbury. A statement of formal acknowledgment from Ara Institute of Canterbury Research and Knowledge Transfer, Dr Michael Shone, reads: "Your strong and ongoing contribution to the development of the research culture of Ara Institute of Canterbury is greatly appreciated".

*Reviewing, refereeing, judging, evaluating and examining***Adele Parkinson**

Review of Manuscript ID RAMH-2020-0016 for Advances in Mental Health, entitled "Perspectives of Japanese health care professionals regarding the booklets for parents with mental illnesses and their children, which originally written in Finland" for Advances in Mental Health.

Department of Creative Industries*Contribution to research discipline and environment***Kim Lowe**

I presented an overview of East Meets West Down South - An exploration of mixed race ancestry through fine art prints and paintings at Ara Research Week.

*Invitations to present research or similar***Kim Lowe**

I was invited to speak at the International Academic Printmaking Alliance 3rd Biennale and Symposium; and to submit work for exhibition in Beijing (that was held online due to Covid 19).

*Recognition of research outputs***Kim Lowe**

A review of my exhibition The Silence of the Brush at Ilam Campus Gallery, University of Canterbury, 2020. Banbury, G. (2020) Silent Calligraphy. Eyecontact 24 September 2020. <http://eyecontactsite.com/2020/09/lowes-contemporary-chinese-calligraphy#c2287>

A preview of my exhibition If Tao is a River... at Chambers gallery was written by Warren Feeney for Artbeat publication May 13 2020.

Art and Design*Research prizes, fellowships, awards and appointments***Stefan Roberts**

Finalist in the "Landscape Open" at New Zealand Institute of Professional Photography Iris Awards 2020, along with Andris Apse and Tony Stewart. <https://irisawards.com/2020-finalists/>

Broadcasting Communications*Contribution to research discipline and environment***Karen Neill**

At the World Journalism Education Congress in Paris in 2019 I was part of a syndicate that produced recommendations to help improve journalism education worldwide. The subject was how journalism education can better prepare students to deal with covering traumatic news and events. The syndicate recommendations were published in the Journalism & Mass Communication Educator in 2020. A credit for participants is in the authors' note at the end of the article. Hill, D., Luther, C. A., & Slocum, P. (2020). Preparing Future Journalists for Trauma on the Job. Journalism & Mass Communication Educator, 75(1), 64-68. <https://doi.org/10.1177/1077695819900735> I have since added to the body of work on journalism and mass communication education with case studies involving journalism students at the New Zealand Broadcasting School, Ara Institute of Canterbury who covered the 2019 mosque shootings for local, national and international media and the impacts on them and future training. It is intended that this research will also canvass the relationship between the students' response and the professional skills and resilience needed in the field, tying it back to my other research area focusing on professionalism.

Music Arts*Reviewing, refereeing, judging, evaluating and examining***Scott Taitoko**

Invited to adjudicate the Canterbury Provincial Brass Band Competitions alongside Andrew Snell over a two day period (26 to 27 September) at St Margaret's College in Christchurch.

Performing Arts

Facilitation, networking and collaboration

Anthony (Tony) McCaffrey

Elected one of three co-convenors of the Performance and Disability Working Group of the International Federation for Theatre Research. This is a four year position and involves selecting and organising papers and panels for the Working Group at the annual conference of IFTR and facilitating communications and collaborations with the 455 international members of the group.

Invitations to present research or similar

Anthony (Tony) McCaffrey

Invitation to contribute 500 word foreword to a collection of playscripts by Back to Back Theatre. Publishers: Playlab, Queensland, Australia.

Recognition of research outputs

Anthony (Tony) McCaffrey

Review of Incapacity and Theatricality by Jessica Watkin in TDR: The Drama Review (MIT Press) Vol 64 No 4 Winter 2020 pp 180-182

Review of Incapacity and Theatricality by Margaret Ames in the journal Theatre Research International (Cambridge University Press) Vol. 45 Issue 3 October 2020. Pp 365-66

Review of Incapacity and Theatricality: Politics and Aesthetics in Theatre Involving Actors with Intellectual Disabilities by Paul McNamara in Drama Research Journal Vol 11 2020.

Reviewing, refereeing, judging, evaluating and examining

Anthony (Tony) McCaffrey

I submitted a requested peer review of 'Infected with Queerness, or, You're so performative you probably think this essay is about you' for the Journal of Dramatic Theory and Criticism.

Invitation from Kanga Gupta, Editorial Assistant, Museum & Heritage Studies, Library & Information Science and Digital Humanities, Routledge, to review a book proposal: Curating Access edited by Amanda Cachia Gambrell

Invited by Creative New Zealand to assess funding applications across Dance/Theatre/ Multidisciplinary Artforms in the General Fund for 2020.

Peer review of The Kamishibai Theatre in Work with Children with Mental Disability for Journal of Intellectual Disabilities (Sage/Pubs) Sage/Publons verified review 2020-08-17

Department of Engineering and Architectural Studies

Architectural Studies

Contribution to research discipline and environment

Dian Munoz

PHD CANDIDATE UC – start 2020 - "Exploration of brain's response to Awe: Can EEG and Eye tracking data analysis elucidate positive emotional response."

Irene Boles

Conference presentation at NZGS2020. Title of the presentation: "Community Resilience and Grassroots Action for long-term urban change in Aotearoa New Zealand".

Reviewing, refereeing, judging, evaluating and examining

Irene Boles

Judge for 2020 ADNZ Design Award. Along with 2 other Academic from the University of Auckland I was part of the judging panel for the Architectural Designer Awards in July 2020. Our task was to look at all the entry panels, select several ones for the different awards in each category and then write the citations for the award ceremony and publication.

Kerry Mulligan

Reviewer, The Fifth Australasia and South-East Asia Structural Engineering and Construction Conference – ASEA SEC 5 - Emerging Technologies and Sustainability Principles in Structural Engineering and Construction Christchurch, New Zealand, November 30 - December 2, 2020

Engineering

Facilitation, networking and collaboration

Hossein Askarinejad

In August 2020, I chaired / moderated a session at below virtual conference: THE THIRD EUROPEAN AND MEDITERRANEAN STRUCTURAL ENGINEERING AND CONSTRUCTION CONFERENCE (EURO-MED-SEC-3) August 3 - 8, 2020 - Limassol, Cyprus. A copy of conference technical program is attached.

Department of Enterprise and Digital Innovation

Business

Contribution to research discipline and environment

Paula Arbouw

Member of the Ara ethics committee since 2020

Facilitation, networking and collaboration

Paula Arbouw

Member of Departmental Research Group for EAS and EDI. From 2020 onwards.

Track Chair - New Zealand Applied Business Education Conference

Reviewing, refereeing, judging, evaluating and examining

Imran Ishrat

Reviewed for the International Journal of Services and Operations Management - Ranking model for human seating comfort factors in automobiles: A best worst approach.

Reviewed for the International Journal of Services and Operations Management - Role of Artificial Intelligence in the Enabling Sustainable Supply Chain Management during COVID-19.

Track Chair, New Zealand Applied Business Conference - Resilience and Innovation, Proceedings of the Annual Conference of the New Zealand Applied Business Forum.

Paula Arbouw

Review of JCM-08-2019-3356.R1 for Journal of Consumer Marketing

Reviewer for New Zealand Applied Business Education Conference 2020 - Business Education Track

Computing

Contribution to research discipline and environment

Bernard Otinpong

Department Research Chair (Business and Digital Innovation)

Facilitation, networking and collaboration

David Weir

Member of Editorial Board and Session Chair of the 11th Annual Conference of Computing and Information Technology Education and Research in New Zealand.

Invitations to present research or similar

David Weir

Powerful and Authentic Assessment: Transferring Learning to Work, Presenter at Kick Off Ara Workshop, September 2020.

Other evidence of research contribution

Peter Edge

Dear Peter Edge, We kindly request that you review contribution number 10033 for the ICNS 2020 conference with contribution title "TarProbe: Detecting Strict Priority Queueing". We would appreciate if you could complete this at latest on March 7. The work is submitted as: contribution type: 6. poster: slide only [slide-deck posted on www.iaria.org], content category: academic research conference page: <https://www.iaria.org/conferences2020/ICNS20.html> Please

consider to provide constructive criticism on weaknesses, strengths, suggestions, formatting, language, and references as you see appropriate. Also, please, consider to provide appropriate feedback that is relevant to the contribution type (which can be regular paper, poster, work in progress, demo, idea, doctoral forum submission, or presentation) and content type (which can be academic research, implementations and benchmarking, industry reports, industry research, state of the art -surveys, studies, etc.) of a submission where novelty, details, and final results have different levels of relevance. The authors will be required to improve their articles based on your recommendations. Based on your specific comments, feasible requirements will be allowed to be fixed in a short time-frame under dedicated editorial/content guidance from IARIA. You can access the review page by going to: <https://www.iariasubmit.org/conferences/tpc/login.php?logas=tpc&eventlabel=ICNS+2020&contributionnumber=10033&userid=165084106003-pi>

Research prizes, fellowships, awards and appointments

Amitrajit Sarkar

Best Researcher - Ara Institute of Canterbury
Dec 2020 Best Researcher award by CEO

Bernard Otinpong

Best Poster Award (Joint Winner Overall)
– Computing and Information Technology Research and Education New Zealand (CITRENZ) 11th Annual Conference – (Virtual Conference), New Zealand, October 7- 8, 2020. Further details available at https://www.citrenz.ac.nz/conferences/2020/pdf/2020-CITRENZ-PACIT_Main_p1-40.pdf

Student factors

David Weir

Emerge ICT Project Exhibition Week
Organiser and Kaiwhakataki for the Evening Celebration Ceremony in December 2020, Exhibiting 40 Students Project Posters, and acknowledging the supervision of 14 Academic staff and 25 Industry partners.

Emerge ICT Project Exhibition Week
Organiser and Kaiwhakataki for the Evening Celebration Ceremony in July 2020, Exhibiting 30 Students Project Posters, and acknowledging the supervision of 10 Academic staff and 20 Industry partners.

Department of Health Practice

B. Applied Science

Contribution to research discipline and environment

Kesava Kovanur Sampath

I peer reviewed an article entitled "Inter-professional agreement and collaboration between extended scope physiotherapists and orthopaedic surgeons in an orthopedic outpatient shoulder clinic – a mixed methods

study" for BMC Musculoskeletal Disorder Journal.

I peer reviewed an article titled "Clinician and Patient Beliefs About Diagnostic Imaging for Low Back Pain: A Systematic Qualitative Evidence Synthesis" for BMJ Open Journal

Invitations to present research or similar

Kesava Kovanur Sampath

I was invited to do a public talk, 'we are talking health', organized by Te Papa Hauora (in association with the Health Research Society of Canterbury and the Canterbury Medical Research Foundation). The purpose of the event was to raise public awareness of health research and health researchers. The audience were mixed with health and education professionals, researchers, members of the general community, community leaders and officials etc. This hybrid event had in-person and online audiences (plus recorded for later viewing). A total of 8 speakers presented public TED style talks with topics ranging from mood disorders, gout, disaster management, oral health, spinal manipulation and nutrition. In this talk, I spoke about the importance of manual therapy research, discussed models underpinning spinal manipulation and made a case for why 'spinal manipulation is more than just a click'.

Research prizes, fellowships, awards and appointments

Kesava Kovanur Sampath

I was selected to be a part of a global 'International Osteopathic Leadership Research Program' offered through University of Technology, Sydney (UTS). This was a competitive process and provides the candidates with an honorary 'Visiting Research Fellow' title at UTS. Through this position, I'm looking forward to develop national and global agenda for osteopathic research.

Reviewing, refereeing, judging, evaluating and examining

Kesava Kovanur Sampath

I peer reviewed an article entitled "Manual but not Instrument-Assisted Cervical Manipulation reduces pain and disability in subjects with Mechanical Neck Pain" for Physical Therapy Reviews Journal

I was invited to examine a Master's Thesis entitled "Assessing the feasibility of a therapy package application on reducing psychological and physiological stress in men: A pilot study"

Medical Imaging

Contribution to research discipline and environment

Tracy Kirkbride

Eleven citations of ... Kirkbride, T. E., Raja, A. Y., Muller, K., Bateman, C. J., Becce, F., & Anderson, N. G. (2017). Discrimination between calcium hydroxyapatite and

calcium oxalate using multi-energy spectral photon-counting CT. American Journal of Roentgenology, 209, doi:10.2214/AJR.1718394

Five citations of ... Panta, R. K., Butler, A. P. H., Butler, P. H., de Ruiter, N. J. A., Bell, S. T., Walsh, M. F., Doesburg, R. M. N., Chernoglazov, A. I., Goulter, B. P., Carbonez, P., Damet, J., Adebileje, S. A., Alexander, S. D., Amma, M. R., Anjomrouz, M., Asghariomabad, F., Atharifard, A., Baer, K., Bamford, B., Bheesette, S., Chambers, C., Chernoglazov, A. I., Dahal, S., Dalefield, T., Doesburg, R. M. N., Duncan, N., Gieseg, S. P., Gurney, S., Healy, J. L., Hilton, P. J., Kanithi, P., Kirkbride, T., Lansley, S. P., Lowe, C., Mandalika, V. B. H., Marfo, E., Matanaghi, A., Moghiseh, M., Palmer, D., Prebble, H. M., Raja, A. Y., Ramyar, M., Renaud, P., Schleich, N., Searle, E., Shamshad, M., Sheeja, J. S., Uddin, R., Vanden Broeke, L., V S, V., Walker, E. P., Wijesooriya, M., & Woodfield, T. B. F. (2018). First human imaging with MARS photon-counting CT. In IEEE, Nuclear Science Symposium and Medical Imaging Conference Proceedings (NSS/MIC), (pp.1-7). doi: 10.1109/NSSMIC.2018.8824513.

Four citations of ... Bateman, C. J., Knight, D., Brandwacht, B., McMahon, J., Healy, J., Panta, R. K., Kirkbride, T., & Butler, P. H. (2018). MARS-MD: Rejection based image domain material decomposition. Journal of Instrumentation, 13(5), pp. 2-14. doi:10.1088/1748-0221/13/05/P05020

One citation of ... Rajeswari Amma M, Baer K, Matanaghi A, Tredinnick S, Woodfield T, Walker E, et al., editors. Assessment of metal implant induced artefacts using photon counting spectral CT. SPIE Optics + Photonics: Optical Engineering + Applications; (August, 2019) August 15; San Diego, CA, United States.

One citation of ... Searle, E., Butler, A. P. H., Raja, R. Y., Gieseg, S. P., Adebileje, S. A., Alexander, S. D., Amma, M. R., Anjomrouz, M., Asghariomabad, M., Atharifard, A., Baer, K., Bamford, B., Bell, S. T., Bheesette, S., Butler, P. H., Carbonez, P., Chambers, C., Chernoglazov, C., Dahal, S., Dalefield, T., Damet, J., de Ruiter, N. J. A., Doesburg, R. M. N., Duncan, N., Goulter, B. P., Gurney, S., Healy, J. L., Hilton, P. J., Kanithi, P., Kirkbride, T., Lansley, S. P., Lowe, C., Mandalika, V. B. H., Marfo, E., Matanaghi, A., Moghiseh, M., Palmer, D., Panta, R. K., Prebble, H. M., Ramyar, M., Renaud, P., Schleich, N., Shamshad, M., Sheeja, J. S., Uddin, R., Vanden Broeke, L., Vivek, V. S., Walker, E. P., Walsh, M. F., Wijesooriya, M., & Woodfield, T. B. F. (2018). Distinguishing Iroon and Calcium using MARS Spectral CT. IEEE Nuclear Science Symposium and Medical Imaging Conference, (pp.1-4). IEEE. doi:10.1109/NSSMIC.2018.8824671.

One citation of ... Aamir, R., Viry, A., Kirkbride, T. E., Rajeswari, M., Stamp, L., Polson, M., Guyen, O., Becce, F., & Anderson, N. (2018, February). Characterisation of calcium crystal types in osteoarthritic meniscus at spectral photon-counting CT. Poster at the European Congress of Radiology, Vienna, Austria.

Seventeen citations of ... Stamp, L. K., Anderson, N. G., Becce, F., Amma, M. R.,

Polson, M. I. J., Guyen, O., Viry, A., Choi, C., Kirkbride, T. E., & Aamir, R. (2019). Clinical utility of multi energy spectral photon counting CT in crystal arthritis. *Arthritis & Rheumatology*, 71(7), doi:10.1002/art.40848

Three citations of ... UV-Excited Resonance Raman Spectroscopy of Narcotics and Explosives May 1998 *Journal of Forensic Sciences* 43(3):509-513 DOI: 10.1520/JFS16178J

Midwifery

Invitations to present research or similar

Lorna Davies

I was asked to present on Climate Change and Midwifery by the Scotland Maternity and Midwifery Forum for an online conference on 25th November 2020. The title of the presentation was Reducing our carbon footprint in maternity care

Nursing

Contribution to research discipline and environment

Heather Josland

Acknowledgement for co-presentation of two oral presentations to ARA researchers and staff. 1.'The case for appointing Parkinson's nurse specialists' and 2. 'Interprofessional Education – Understanding roles and Teamwork'.

On executive committee to organise New Zealand Association of Simulation in Health Care NZASH in Christchurch November 2020.

Isabel Jamieson

I have been accepted to be a foundation member of newly formed Australasia Pacific MMIRA (Mixed Method International Research Association) regional chapter

I was invited to be the examiner of a special topic assignment for University of Canterbury

My work has been extensively referenced throughout a recent PhD thesis by: Egenia N. Mupanduki Titled: Stress and coping in Generation Y RNs: A qualitative description Grand Canyon University

Our 2013 article: Jamieson, I., Kirk, R., & Andrew, C. (2013). Work-life balance: What Generation Y nurses want. *Nurse Leader*, 11(3), 36-39 has been cited in a textbook written by Dr. M. Kavitha (page 14 The book was published in 2017. The article has also been cited in: - a Ph.D. thesis by M Powell (2020) - Ammann et al. (2020) - Giordano et. al (2020) - Huber and Schbert (2019)

Our article Jamieson, I and Taua, C. (2009). Leaving from and returning to nursing practice: Contributing factors. *Nursing Praxis New Zealand* cited by Mohammadi et. al. 2020

Jenna Blunden

Asked by an editor of *Nursing Praxis* to review an article for *Nursing Praxis* in New Zealand.

Margaret Hughes

Technical Review for Ara research project HPR

Facilitation, networking and collaboration

Maryann Wilson

Educational article regarding nursing students in mental health and addictions clinical practice. Titled: Including new services in dedicated education unit proves a success.

Invitations to present research or similar

Margaret Hughes

Letter of thanks for contribution to Research Week at Ara

Other evidence of research contribution

Heather Josland

Acknowledgement in published article for supporting a research environment to enable classrooms of graduate students to participate in research prior to class which was led by Peta Taylor. Taylor, P., Hudson, D., Thomson, P., & Greenlees-Rae, J. (2020). Newly graduated registered nurses' evaluation of their preparedness, confidence, and attitudes towards clinical assessments. *Journal of Clinical Nursing*. <http://dx.doi.org/10.1111/jocn.15621> ACKNOWLEDGEMENTS The guidance and advice of Dr Isabel Jamieson, RN, have been invaluable during the project. Karen Cadigan, RN, has not only made useful suggestions in the planning stage, but has also been very accommodating in allowing us to run the research in her classroom just before she started teaching. Likewise, Heather Josland, RN, has been a very positive, encouraging, and willing support and help as we prepared for the research days. We are very grateful for the contribution of all three. We also acknowledge the 137 new graduates who gave their time, contributed their invaluable viewpoints, and without whom this research would not have been possible.

Invitation to present a PowerPoint and exhibition on Interprofessional Simulation education session for the at CCSIG Showcase Evening to key stakeholders from ARA, CDHB, Otago University and Canterbury and New Zealand wide educators

Kaye Milligan

Co-Editor *Nursing Praxis* in Aotearoa New Zealand

Recognition of research outputs

Anna Richardson

My research outputs were highlighted in the Research Korero of 2020

Heather Josland

The attached list is evidence of chapter or article citations in the literature of other writers and researchers.

Invitation to present at Growing our Culture ARA Research Week

Research prizes, fellowships, awards and appointments

Isabel Jamieson

I have been appointed to the editorial advisory board for the Australian ACORN Journal of Perioperative Nursing

I was delighted to be nominated for the Ara 2020 research awards.

Reviewing, refereeing, judging, evaluating and examining

Isabel Jamieson

Invited to mark a Masters thesis for University of Otago

Invited to review for *Nursing Ethics Journal*

Invited to review for *Nursing Open journal*

Julie Bowen-Withington

Manuscript Number: NEP_2020_128 "An Integrative Review of Simulation, Senior Practicum, and Readiness for Practice." Dear Mrs Bowen-Withington, Thank you for reviewing the above referenced manuscript. With your help, I have reached a revise decision on this manuscript. The anonymised comments to author, from all reviewers, are included below. You can also access this information by logging into Editorial Manager as a reviewer. Thank you for your contribution and time in reviewing this manuscript, which not only assisted me in reaching my decision, but also enables the author(s) to disseminate their work at the highest possible quality. Please note you may be asked to review the revision of this paper in the future. I am grateful to you for your assistance as a reviewer for *Nurse Education in Practice*. Kind regards, Karen Holland Editor-in-Chief *Nurse Education in Practice*

Review of article for publication in Kai Tiaki research journal Good afternoon Julie Thank you for your email and for agreeing to review the article. Please find attached the following documents: 1. Letter to accompany manuscript 2. Manuscript 3. Reviewer Checklist If you have any queries please do not hesitate to contact me. Kind regards Fiona, Fiona Palframan | Specialist Administrator fiona.palframan@nzno.org.nz | 03 353 1220 | www.nzno.org.nz New Zealand Nurses Organisation | PO Box 4102 | Christchurch 8140

Peta Taylor

Book review at the request of the publisher "Understanding Pathophysiology" Australia and New Zealand edition 3e edited by Judy Craft and Christopher Gordon.

Book review: Samaras, K., Scobie, I.N. (2014) "Fast Facts Diabetes Mellitus". Health Press Limited.

*Student factors***Isabel Jamieson**

PhD student Kylie Short presented some of her thesis work at the NZNO National Research Forum in February 2020. I am Kylie's second supervisor.

Thesis student Emma Densem presented her findings at Ara Research Week 2020. I am Emma's primary supervisor.

Thesis student Jacinda King overview of her master's thesis project was featured in the 2020 Ara Research Korero p.24

*Uptake and impact***Isabel Jamieson**

My 2015 publication: Jamieson, I., Kirk, R., Wright, S., & Andrew, C. (2015). Generation Y New Zealand Registered Nurses views about nursing work: A survey of motivational and maintenance factors. *Nurse Open* was cited by Hunt et al. (2020). Career interests of undergraduate nursing students: A ten-year longitudinal study.

My PhD work Jamieson (2012) is cited in the text book, *Sustainability, Midwifery and Birth* edited by Lorna Davies, Rea Daellenbach, Mary Kensington (2021).

Our article Jamieson I, Harding T, Withington J, Hudson D. Men entering nursing: has anything changed? *Nursing Praxis in New Zealand*. 2019; 35(2) 18-29 cited by Kane et al. (2020). Exploring the Contextual Factors Surrounding the Recruitment and Retention of Men in a Baccalaureate Nursing Program. *Nurse Forum* 56, 24-29

Our article Jamieson, I., Kirk, R., Wright, S., Andrew, C. (2015). Generation Y New Zealand registered nurses' views about nursing work: A survey of motivation and maintenance factors. *Nursing Open*, 2, 1-13. doi:10.1002/nop.2.16 has been cited by: - Teunissen et al. (2020) - Huner and Schubert (2019)

Our article Jamieson, I., Sims, D., Basu, A., & Pugh, K. (2019). Readiness for practice: The views of New Zealand senior nursing students. *Nurse education in practice*, 38, 27–33 has been cited by 1) Kaihlanen, A-M. (2020) in her PhD thesis: From nursing student to a registered nurse: Final clinical practicum facilitating the transition. The University of Turku, Finland 2) Clarke et al. (2020): Nurses and undergraduate student nurses' experiences in collaborative clinical placement programs in acute hospitals: An integrative literature review 3) Graf et al. (2020): Contemporary nursing graduates' transition to practice: A critical review of transition models

Our article, Harding, T., Jamieson, I., Withington, J., Hudson, D., & Dixon, A. (2017). Attracting men to nursing: Is graduate entry an answer? *Nurse Education in Practice*, 1 257-263 is cited 14 times throughout the following article: Barriers and facilitators to recruiting and retaining men on pre-registration nursing programmes in Western countries Gavine,

A., Carson, M., Eccles, J., & Whitford, H.M. Published in: *Nurse Education Today* DOI: 10.1016/j.nedt.2020.104368 Publication date: 2020

Our article: Harding T, Jamieson I, Withington J, Hudson D, Dixon A. Attracting men to nursing: is graduate entry an answer? *Nurse Education in Practice*. 2018;28:257–63. doi:10.1016/j.nepr.2017.07.003 has been cited by: Zhang, H., & Tu, J., (2020). The working experiences of male nurses in China: Implications for male nurse recruitment and retention. *J Nurs Man*. 2020;28:441–449.

Our article: Harding T, Jamieson I, Withington J, Hudson D, Dixon A. Attracting men to nursing: is graduate entry an answer? *Nurse Education in Practice*. 2018;28:257–63. doi:10.1016/j.nepr.2017.07.003 has been cited in the recent WHO publication: State of the World's Nursing; 2020 Investing in education, jobs and leadership. The WHO is a prestigious organisation with a worldwide readership. Our article is reference #124, noted in chapter 4, point 39 The same article has also been cited by O'Lynne et al. (2020) in : Men's Decision-Making to Become Nurses Gendered Influences and Fit With Gender Role Conflict Theory. *Advances in Nursing Science*, 43(3), 251-265. As well as a citation by Kaplan et al. (2020) in: Experiences of male nursing students in women's health clinical learning arrears: A qualitative study. *Journal of Ankara Health Sciences* DOI: <https://www.doi.org/10.46971/ausbid.739262>

Our two articles related to our men in nursing project Harding, T.; Jamieson, I.; Withington, J.; Hudson, D.; Dixon, A. Attracting men to nursing: Is graduate entry an answer? *Nurse Educ. Pract.* 2018, 28, 257–263 AND Jamieson, I.; Harding, T.; Withington, J.; Hudson, D. Men entering nursing: Has anything changed? *Nurs. Prax. N. Z.* 2019, 35, 18–29 have had favorable citations by Terry et al. (2020) in their recent article *Traversing the Funambulist's Fine Line between Nursing and Male Identity: A Systematic Review of the Factors that Influence Men as They Seek to Navigate the Nursing Profession*. Our work was given a moderate and a high ranking for the quality of the methodological assessment for quantitative studies

Melissa Hanses

Citation in "The legacy and implications of the body-mind-spirit osteopathic tenet: a discussion paper evaluating its clinical relevance in contemporary osteopathic care." <https://doi.org/10.1016/j.ijosm.2021.05.003>

Citation of published research in The development and exploratory analysis of the Osteopaths' Therapeutic Approaches Questionnaire (Osteo-TAQ) <https://doi.org/10.1016/j.ijosm.2020.07.002>

Citation of published research in The development and exploratory analysis of the Osteopaths' Therapeutic Approaches Questionnaire (Osteo-TAQ) <https://doi.org/10.1016/j.ijosm.2020.07.002>

[org/10.1016/j.ijosm.2020.07.002](https://doi.org/10.1016/j.ijosm.2020.07.002)

Department of Humanities**ESOL**

Facilitation, networking and collaboration

Kerstin Dofs

Convener of the TESOLANZ branch CANTESOL. The role involves enabling networking and professional development opportunities for all CANTESOL members.

Reviewing, refereeing, judging, evaluating and examining

Kerstin Dofs

Reviewing abstract for the 2020 CLESOL conference

Outdoor Education and Sustainability

Contribution to research discipline and environment

Allen Hill

Panelist on a key-note panel at Ara Research week - 2020 - talking about enhancing research culture.

Workshop facilitator at the NZ Sustainable Development Goals Summit Series - Online Hui #1 - See the Change. The workshop, titled SDG101: Introduction to the UN SDG's, provided information, learning, and discussion opportunities for more than 50 participants. This was a national online event.

Research prizes, fellowships, awards and appointments

Allen Hill

I was a finalist for the Ara Research Excellence award in 2020