

# RESEARCH REPORT 2018



**MANUKAU  
INSTITUTE OF  
TECHNOLOGY**  
Te Whare Takiura o Manukau

# Annual Research Report for the Year 2018

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## **Introduction**

This research report presents the Manukau Institute of Technology's research outputs for 2018 in summary and detail. The outputs are organised according to the degree programme with which the author is associated. Authors not directly associated with a degree programme are listed under 'other'.

The detailed listing of all research outputs is organised into degree programmes. Where the output has multiple authors, it is listed separately under each author.

## Summary of Research Outputs 2018

The table below shows the total research outputs in 2018 associated with degree programmes. Outputs are sorted into two categories; quality assured publications and all other types of research outputs

Degrees	Refereed	Other	Subtotal
Bachelor of Applied Counselling (BAC)	1	0	1
Bachelor of Applied Management (BAM)	8	3	11
Bachelor of Applied Social Work (BASW)	7	1	8
Bachelor of Sport and Exercise Science (BSES)	2	0	2
Bachelor of Creative Arts (BCA)	19	6	25
Bachelor of Education (BEd)	13	14	27
Bachelor of Engineering Technology (BET)	10	0	10
Bachelor of Digital Technologies (BDT)	19	4	23
Bachelor of Nursing (BN)	5	0	5
Other	3	0	3
<b>Totals</b>	<b>87</b>	<b>28</b>	<b>115</b>

## Research Outputs in Detail by Degree

### BACHELOR OF APPLIED COUNSELLING

Author	Publication	Type	Quality Assured
Dickey, Catherine	Bray, T., Dickey, C., Doss, F., Jagannathan, B., Mackie, J., McNeilly, D. & Zivaljevic, A. (2018, February). <i>Kia Mātau (Being smart): A different educational model for clinical renal physiologists</i> . In F.Doss (Chair), <i>Being Smart. Symposium of the Renal Society of Australasia and New Zealand Board of Dialysis Practice</i> , Auckland, New Zealand. Conference proceedings, February 2018.	Conference Proceedings	Yes

**BACHELOR OF APPLIED MANAGEMENT**

Author	Publication	Type	Quality Assured
Quilty, Terry	Quilty, T., & Murphy, L. (2018). <i>Balancing legal, operations and community conflict: A tale of two SME's</i> . Journal of Management & Organization, 24(4), 582-597. DOI:10.1017/jmo.2018.26	Journal article	Yes
Quilty, Terry	Quilty, T. (2018). Charitable Trusts, the Reserves Dilemma and Sustainability. Paper presented at the New Zealand Management Accounting Conference, 19-20 November 2018, University of Waikato.	Conference presentation	Yes
Quilty, Terry	Quilty, T. (2018). Survey and needs analysis of Otara Community Centre, Presented as an invited speaker to the Citizens Advice Bureau, Otara, Auckland, 22 October 2018.	Presentation	No
Quilty, Terry	Quilty, T. (2018). IT and integrating community services. Presented at the Annual Meeting of the Community Legal Services South Trust, Manukau Institute Technology Pasifika Centre, Manukau. 26 October 2018.	Presentation	No
Barnett, Sandy	Barnett, S. J. (2018). <i>Identity construction by Aotearoa/New Zealand entrepreneurial professionals on LinkedIn: A tensional approach</i> . Unpublished PhD Thesis, Massey University, Albany, Auckland.	PhD Thesis	Yes
Barnett, Sandy	Barnett, S. J. (2018). "National differences in entrepreneurial networking: a case study of New Zealand entrepreneurs' engagement with LinkedIn" In Proceedings of Conference presentation at 17 <sup>th</sup> International Conference on Knowledge Culture and Change in Organizations, Darwin, Australia	Conference	Yes
Narayan, Renuka	Narayan, R. (2018). Industry Project/Work Integrated Learning: Student, institution and industry mutual benefits. Paper presented at the Australian Collaborative Education Network Limited Conference, Brisbane, Australia.	Conference paper	Yes
Manaia, Wiremu	Manaia, W. (2018). "Insights into the Future: The Global Evolution of Technology and its impact on Maori Development. What sort of world are we preparing Maori youth for, and what does this mean for Maori leadership in the future?". Presented at the 8 <sup>th</sup> Biennial International Indigenous Research Conference, the University of Auckland, 16 -20 Nov 2018, Auckland, New Zealand.	Conference Paper	Yes

Author	Publication	Type	Quality Assured
Manaia, Wiremu	Manaia, W. (30 September 2018). "How compulsory te reo in schools would make us smarter." Published at <i>E-Tangata</i> , an Online Sunday Magazine: Mana Trust. <a href="https://e-tangata.co.nz/reo/how-compulsory-te-reo-in-schools-would-make-us-smarter/">https://e-tangata.co.nz/reo/how-compulsory-te-reo-in-schools-would-make-us-smarter/</a>	Magazine article	No
Horsley, John	Horsley, J. (2018). Theory and practice: teaching law in a multi-ethnic business school. Paper presented at Law Teaching Roundtable, Frontiers, Opportunities & Challenges: Teaching Law to Non-Law Students. Victoria University of Wellington. June 2018.	Conference Paper	Yes
Horsley, John	Horsley, J. and Barrett, J (2018). Social Justice and the Veil of Incorporation: A New Zealand Perspective. In I. Tchotourian (Ed.), <i>Company Law and CSR: New Legal and Economic Challenges</i> . Editions Juridiques Bruylant, Belgium.	Book Chapter	Yes

**BACHELOR OF APPLIED SOCIAL WORK**

Author	Publication	Type	Quality Assured
Wong, Melanie	Wong, M., Hendrikse, N., Mason, H., Pomare, K., Petelo, F. & Otara Health Charitable Trust. (2018). <i>Thriving Otara: Otara Residents Survey Report 2018</i> . Retrieved from <a href="http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf">http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf</a>	Research report	Yes
Wong, Melanie	Wong, M. & Whitburn, B. (2018). Reductive measurements of giftedness and twice-exceptionality: An analysis of education policy and associated documents from New Zealand and Australia. In T. McMenamin & A. Guerin (Eds.) <i>Belonging: Rethinking inclusive practices to support well-being and identity</i> (pp. 75-94). Leiden, the Netherlands: Brill.	Book chapter	Yes
Wong, Melanie	Wong, M. (2018). <i>New interpretations of giftedness in early years: Looking through the lens of social constructionism</i> (Doctoral thesis, University of Canterbury, Christchurch, New Zealand). Retrieved from <a href="https://ir.canterbury.ac.nz/handle/10092/16352">https://ir.canterbury.ac.nz/handle/10092/16352</a>	PhD Thesis	Yes
Wong, Melanie	Wong, M. (2018). <i>Learning for gifted children is affected by ability which is seen as fixed</i> . Paper presented at The Inclusive Education Summit, Deakin University, Geelong.	Conference presentation	Yes
Wong, Melanie	Wong, M. (2018). Challenging assumptions about giftedness in early childhood. <i>Tall Poppies Magazine of The New Zealand Association for Gifted Children</i> , 43(1), 26-28.	Magazine article	No
Wong, Melanie	Wong, M. (2018). <i>Constructing giftedness: Responding to gifted children's learning needs through ethics of care</i> . Paper presented at The New Zealand Association Research for Education, Auckland University of Technology, Auckland.	Conference presentation	Yes
Mason, Huhana	Wong, M., Hendrikse, N., Mason, H., Pomare, K., Petelo, F. & Otara Health Charitable Trust. (2018). <i>Thriving Otara: Otara Residents Survey Report 2018</i> . Retrieved from <a href="http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf">http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf</a>	Research Report	Yes

Author	Publication	Type	Quality Assured
Pomare, Kamaline	Wong, M., Hendrikse, N., Mason, H., Pomare, K., Petelo, F. & Otara Health Charitable Trust. (2018). <i>Thriving Otara: Otara Residents Survey Report 2018</i> . Retrieved from <a href="http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf">http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf</a>	Research report	Yes
Petelo, Leafa Fuatino	Wong, M., Hendrikse, N., Mason, H., Pomare, K., Petelo, F. & Otara Health Charitable Trust. (2018). <i>Thriving Otara: Otara Residents Survey Report 2018</i> . Retrieved from <a href="http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf">http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf</a>	Research report	Yes
Hendrikse, Niukini	Wong, M., Hendrikse, N., Mason, H., Pomare, K., Petelo, F. & Otara Health Charitable Trust. (2018). <i>Thriving Otara: Otara Residents Survey Report 2018</i> . Retrieved from <a href="http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf">http://www.thrivingotara.co.nz/wp-content/uploads/2018/12/OHCTrust-Report-Digital-Download.pdf</a>	Research report	Yes
Hendrikse, Niukini	Hendrikse, N. & Apulu, M. (2018). Review of the book 'Transitional Pacific Islander Americans and Social Work Dancing to the beat of a different drum by H. F. O. Vakalahi & M. T. Godinet'. <i>Aotearoa New Zealand Social Work</i> , Vol 30, No 4 (2018), DOI: <a href="http://dx.doi.org/10.11157/anzswj-vol30iss4id615">http://dx.doi.org/10.11157/anzswj-vol30iss4id615</a> .	Book review	Yes
Apulu, Melvin	Hendrikse, N. & Apulu, M. (2018). Review of the book 'Transitional Pacific Islander Americans and Social Work Dancing to the beat of a different drum by H. F. O. Vakalahi & M. T. Godinet'. <i>Aotearoa New Zealand Social Work</i> , Vol 30, No 4 (2018), DOI: <a href="http://dx.doi.org/10.11157/anzswj-vol30iss4id615">http://dx.doi.org/10.11157/anzswj-vol30iss4id615</a> .	Book review	Yes
Apulu, Melvin	Apulu, M. (2018). Tautua Faatamalii: <i>Servanthood with Absolute Integrity</i> . Presented at the National Pasifika Education Fono 2018, organised by NZEI, Te Riu Roa, Auckland 19-20 April 2018. <a href="http://events.nzei.org.nz/fono2018/pasifika-fono-programme/">http://events.nzei.org.nz/fono2018/pasifika-fono-programme/</a>	Conference presentation	Yes

**BACHELOR OF SPORT AND EXERCISE SCIENCE**

Author	Publication	Type	Quality Assured
Sequeira, Graeme	Kilding, A. E., Sequeira, G. M., & Wood, M. R. (2018). Effects of ischemic preconditioning on economy, VO 2 kinetics and cycling performance in endurance athletes. <i>European journal of applied physiology</i> , 118(12), 2541-2549.	Journal article	Yes
McGrath, Joey	McGrath, J.W., Neville, J., Stewart, T & Cronin, J. (2018). Cricket fast bowling detection in a training setting using an inertial measurement unit and machine learning. <i>Journal of Sport Sciences</i> . 13: 1-7.	Journal article	Yes

**BACHELOR OF CREATIVE ARTS**

Author	Publication	Type	Quality Assured
Rudzinski, Carrie	Rudzinski, C. (2018). Performed at the Christchurch Poetry Slam. Part of WORD Christchurch Festival, Aug. 2018.	Performance	Yes
Rudzinski, Carrie	Rudzinski, C. (2018). Performed at the Performance and Poetry Workshop at Oxford Area School. Part of WORD Christchurch Festival, Aug. 2018.	Performance	Yes
Rudzinski, Carrie	Rudzinski, C. (2018). Performed at the Performance and Poetry Workshop at Rangiora New Life School. Part of WORD Christchurch Festival, Aug. 2018.	Performance	Yes
Rudzinski, Carrie	Rudzinski, C. (2018). Performed at the Performance and Poetry Workshop at Kaiapoi High School. Part of WORD Christchurch Festival, Aug. 2018.	Performance	Yes
Rudzinski, Carrie	Rudzinski, C. (2018). Performance at Rangiora Library. Part of WORD Christchurch Festival, Aug. 2018.	Performance	Yes
Rudzinski, Carrie	Rudzinski, C. (2018). Performance at Catalyst 15 Launch. Part of WORD Christchurch festival, Aug. 2018.	Performance	Yes
Boreham, Caryline	Caryline, B. (2018). Pah Homestead, TSB Wallace Arts Centre. <i>27 Annual Wallace Art Awards</i> . Auckland, September – November 2018.	Exhibition	Yes
Boreham, Caryline	Caryline, B. (2018). Fresh Gallery. <i>Guest Stars</i> . Auckland, 8 September – 3 November 2018.	Exhibition	Yes
Boreham, Caryline	Caryline, B. (2018). Hatwell, Adrian (2018 November) 'Folio: Guest Stars' <i>DPhoto, Issue 87</i> , 48-56	Article	No
Boreham, Caryline	Caryline, B. (2018). Exhibited at The Visibility Paradigm Exhibition at Unitec's Gallery One, Auckland, 25 May – 13 June 2018.	Exhibition	Yes

Author	Publication	Type	Quality Assured
McLellan, Emma	McLellan, E and Others (2018). Print Matters – Works on paper, NZ printmakers group show, ArtsPost Galleries, 120 Victoria Street Hamilton.	Exhibition	Yes
McLellan, Emma	McLellan, E. (2018). <i>Boundless</i> . Exhibited at the Beyond Boundaries Print Show, Waikato Museum and Gallery.	Exhibition	Yes
McLellan, Emma	McLellan, E. (2018). <i>The Small Print</i> , Exhibited at the Print Council Association of New Zealand Print Show, April 2018.	Exhibition	No
McLellan, Emma	McLellan, E. (2018). Exhibited at the Suffrage 125 Exhibition, Association of Women Artists, Te Uru.	Exhibition	No
McLellan, Emma	McLellan, E. (2018). Exhibited at the <i>Suffrage 125 Exhibition</i> , National Archives Wellington, September 2018.	Exhibition	No
McLellan, Emma	McLellan, E. (2018). Exhibited at the <i>Suffrage 125 Exhibition</i> , Auckland Museum, Auckland.	Exhibition	No
McLellan, Emma	McLellan, E. (2018). Exhibited at the <i>125 celebrate 125</i> , Franklin Arts Centre, Pukekohe, Sept 2018.	Exhibition	No
Te Mete, Jason	Te Mete, J. (Director, designer). <i>Auckland Pride Festival Gala</i> , theatre performance, Q Theatre, February 2018.	Performance	Yes
Te Mete, Jason	Te Mete, J. (Director). <i>The Phantom of The Opera</i> , by Lloyd Webber, A., Hart, C. & Stilgoe, R., theatre performance, Saint Kentigern College, April 2018.	Musical	Yes
Te Mete, Jason	Te Mete, J. (Director, designer). <i>Fame the Musical</i> , by De Silva, D., Fernandez, J., Margoshes, S. & Levy, J, theatre performance, Henderson High School, September 2018.	Musical	Yes
Te Mete, Jason	Te Mete, J. (Playwright). <i>Over My Dead Body: UNINVITED</i> , play, December 2018.	Play	No
Te Mete, Jason	Te Mete, J. (Dramaturg). <i>House of Beaumont</i> , by Tekoronga-Waka, D., play-reading and workshop, Koanga Festival, Te Pou Theatre, September 2018.	Workshop	Yes

Author	Publication	Type	Quality Assured
Te Mete, Jason	Te Mete, J. (Director, designer). <i>The Wiz</i> , by Smalls, C. & Brown, W, theatre performance, Manukau Performing Arts, October 2018.	Musical	Yes
Te Mete, Jason	Te Mete, J. (Director, designer). <i>Constellations</i> , a devised theatre performance, MIT Performing Arts, November 2018.	Theatre	Yes
Aue, Vivian	Aue, V. A. (2018). <i>KO AUE TEIA</i> . Choreographer of Live Performance in Te Oro, Auckland, May 2018.	Live performance	Yes
Aue, Vivian	Aue, V. A. (2018). <i>ANGA</i> . Choreographer of Live Performance in Mangere Arts Centre, Auckland, June 2018.	Live performance	Yes

**BACHELOR OF EDUCATION**

Author	Publication	Type	Quality Assured
Fitisemanu, Albert	Fitisemanu, A. (2018). Nga pou e wha: A conceptual framework. Paper presented at the School of Education Research Symposium, Manukau Institute of Technology.	Symposium presentation	No
Lole, Anamua	Penn, R. & Lole, M. (2018, September). Ua tagi le fatu ma le ele'ele: Our perspectives as teacher educators in Aotearoa New Zealand. Conference presentation at the National University of Samoa, Samoa.	Conference presentation	Yes
Greenfield, Cheryl	Greenfield, C. (2018). Investigation into New Zealand teachers' perspectives on spirituality and wairua in teaching. <i>International Journal of Children's Spirituality</i> . DOI: 10.1080/1364436X.2018.146033	Journal Article	Yes
Greenfield, Cheryl	Greenfield, C. (2018). <i>Report on an Investigation into New Zealand teachers' perspectives on spirituality and wairua in teaching</i> . Unpublished. Manukau Institute of Technology, Auckland, New Zealand.	Report	No
Greenfield, Cheryl	Greenfield, C. (2018). <i>Fostering spirituality and nurturing wairua</i> . Paper presented at Early Childhood Council Conference, Delivering on a Promise, May 25-27, 2018, Auckland, New Zealand.	Conference paper	Yes
Greenfield, Cheryl	Greenfield, C. (2018). ). <i>Teacher's perspective on their understanding of spirituality and wairua and the role they have in fostering this aspect of children's development</i> . Paper presented at September 15 <sup>th</sup> , 2018, Eastern Institute of Technology, Napier, New Zealand.	Conference paper	No
Greenfield, Cheryl	Greenfield, C (2018). <i>Fostering children's spirituality and nurturing wairua</i> . Paper presented at the Christian Early Childhood Education Association of Aotearoa. August 17-19, 2018, Auckland New Zealand.	Conference paper	No
Greenfield, Cheryl	Greenfield, C. (2018). <i>Outside is where I need to be: Understanding of spirituality and wairua and the role teachers have in fostering this aspect of children's development</i> . Paper presented at the Teacher Refresher Course, November 26- 28, Wellington, New Zealand.	Seminar Presentation	Yes

Author	Publication	Type	Quality Assured
Greenfield, Cheryl	Greenfield, C. (2018). Te Whariki: Initial findings of an investigation into New Zealand early childhood teachers' perspectives on spirituality, wairua and teaching. <i>Te Hono, The Link</i> , Autumn 2018, 6-8.	Article	Yes
Perry, Jo	Perry, A. J. (2018). Narrative fragments and the Code: One teacher's reflective work. <i>Early Education</i> , Vol. 63 (Autumn/Winter 2018), pp. 15-17.	Journal Article	Yes
Perry, Jo	Perry, A.J. (2018). <i>Journalling</i> . Paper presented at the Early Childhood Research Symposium, Manukau Institute of Technology, Auckland, 24 November 2018.	Symposium presentation	No
Smith, Kylie	Smith, K. M. (2018, February). Mixed-age: Seeing infants and toddler as already capable and competent. Paper presented at the <i>Australasian Journal of Early Childhood Education (AJEC) Research Symposium</i> , Brisbane, Australia.	Symposium presentation	Yes
Smith, Kylie	Smith, K. M. (2018, October). What is education for infants and toddlers anyway? A look at the agentic nature of infants and toddlers in their own learning. Paper presented at <i>Yeah Baby! Conference</i> , Auckland New Zealand.	Conference presentation	Yes
Smith, Kylie	Smith, K. M. (2018, November). Viewing infants and toddlers as already competent and confident – Highlighting agency in a mixed-age community. Paper presented at <i>NZARE Conference</i> , Auckland New Zealand.	Conference presentation	Yes
Mauigoa-Tekene, Lila	Mauigoa-Tekene, L. (2018). Fatugatiti: A heutagogy approach for Pacific students? Presented at the SAASIA Conference. Wellington. August 2018.	Presentation	No
Moeke, Mary	Moeke, M. (2018). <i>Mātau Ahumoni: Child Poverty. Igniting the hearts and minds of Mokopuna Māori</i> . Professional Doctorate Research Proposal, MDA1004. Whakatane, New Zealand: Te Whare Wānanga o Awanuiārangi.	Research proposal presentation	No

Author	Publication	Type	Quality Assured
Hearns, Merle	Hearns, M. (2018). Progressive lenses on literacy gamification. Paper presented at the <i>School of Education Research Symposium</i> , Nov 2018, Manukau Institute of Technology.	Symposium presentation	No
Probine, Sarah	Probine, S. (2018). The visual arts as a means to transmit and experience values. <i>International Journal of Art in Early Childhood</i> . 1(1) 1-21.	Journal article	Yes
Probine, Sarah	Probine, S. (2018). The relationship between images of childhood and visual arts pedagogies in early childhood. Presentation for the <i>Manukau Institute of Technology research symposium: We are real – Professionalism and practice</i> . Auckland, New Zealand.	Symposium presentation	No
Probine, Sarah	Probine, S. (2018). Talking <i>through</i> images in research: Using arts-based research methods to reconceptualise the role of the participant within early childhood research. Presentation for the <i>Manukau Institute of Technology research symposium: We are real – Professionalism and practice</i> . Auckland, New Zealand.	Symposium presentation	No
Probine, Sarah	Probine, S. (2018), "I feel like making something" Contextual influences on how children learn through the visual arts. Conference paper for NZARE Conference: Shaping our Futures. Auckland, 26-28 November 2018.	Conference paper	Yes
Probine, Sarah	Probine, S. (2018). The 100 languages of children. Presentation for Reggio Emilia Provocations: The 100 languages of children mini-conference. Auckland, New Zealand., 27 October 2018.	Conference paper	No
Probine, Sarah	Probine, S. (2018). Dialogues with materials: Working with clay. Workshop for Reggio Emilia Provocations. Auckland, New Zealand.	Workshop	No
Kung, Susie	Kung, S., Giles, D., & Rogers, B. (2018). Phenomenologically unpacking teacher's perceptions of their 'best' teaching experiences. <i>Teachers and Curriculum</i> , Vol. 18(1), pp. 53-59.	Journal article	Yes

Author	Publication	Type	Quality Assured
Kung, Susie	Kung, S. (2018). <i>Education in times of change: Adapting teacher education pedagogy in response to the changing digital tertiary environment</i> . Paper presented at the NZARE Conference, Auckland, 26-28 November 2018.	Conference presentation	Yes
Kung, Susie	Kung, S. (2018). <i>Collaborative partnership with families and whanau</i> . Paper presented at the Associate Teacher's Symposium, Auckland.	Symposium presentation	No
Kung, Susie	Kung, S. (2018). <i>Examining professional practice: A journey of self-discovery</i> . Paper presented at the Early Childhood Research Symposium, Manukau Institute of technology, Auckland.	Symposium presentation	No

**BACHELOR OF ENGINEERING TECHNOLOGY**

Author	Publication	Type	Quality Assured
Sayadi, Ali	Sayadi, A., Neitzert, T.R., Clifton, G.C. <i>et al.</i> (2018), Ultra-lightweight Concrete Containing Expanded Poly-lactic Acid as Lightweight Aggregate. <i>KSCCE Journal of Civil Engineering</i> , Vol. 22, Pp. 4083–4094. <a href="https://doi.org/10.1007/s12205-018-1976-4">https://doi.org/10.1007/s12205-018-1976-4</a> .	Journal article	Yes
Sayadi, Ali	Sayadi, A. Neitzert, T. R., Clifton, G. C. and De Silva, K. (2018). Investigation on Bond Stress-slip Behavior of Concrete Containing Poly-lactic Acid Aggregate. <i>KSCCE Journal of Civil Engineering</i> , Vol. 22, Issue 12. pp. 5102-5113.	Journal article	Yes
Sayadi, Ali	Sayadi, A. Neitzert, T. R. and Clifton, G. C. (2018). Influence of poly-lactic acid on the properties of perlite concrete. <i>Construction and Building Materials</i> , Vol. 189, pp. 660-675.	Journal article	Yes
Sayadi, Ali	Sayadi, A. Neitzert, T. R. and Clifton, G. C. (2018). "A comparative investigation of the engineering properties of perlite concrete containing petroleum and bio-polymer aggregates". Proceedings of the International Conference on Architecture and Civil Engineering 2018, Sydney, Australia, 10-12 January 2018.	Conference paper	Yes
Majeed, Mohammed	Majeed, M. K. and Bardsley, W. E. (2018). A multi-use seasonal pumped hydro storage scheme for New Zealand. Proceedings of the New Zealand Hydrological Society 2018 Conference, Christchurch.	Conference	Yes
Shepstone, Nigel	Shepstone, N. (2018). <i>Identifying Students' Procedural and Conceptual Difficulties with Mathematics</i> , Proceedings of The Australasian Association for Engineering Education (AAEE) Conference, Hamilton, New Zealand, 9-12 December 2018.	Conference Paper	Yes
Nieuwoudt, Pieter	Nieuwoudt, P. and Yang, C. (2018). Colour Pattern Recognition with Two-Dimensional Rotation and Scaling for Robotics Vision Using Normalized Cross-Correlation, Proceedings of the 2018 International Conference on Image and Vision Computing New Zealand (IVCNZ), Auckland. 2018, Page(s): 1- 6.	Conference proceedings	Yes

Author	Publication	Type	Quality Assured
Soltic, Snjezana	Soltic, S. & Chalmers, A. N. (2018). Prospects for 4-laser white-light sources, <i>Journal of Modern Optics</i> , DOI: 10.1080/09500340.2018.1517904.	Journal article	Yes
Tito, Shafiqur	Rehman, A.U., Lie, T.T., Valles, B. & Tito, S.R. (2018). Low Complexity Event Detection Algorithm for Non-Intrusive Load Monitoring System, <i>Proceedings of the IEEE Innovative Smart Grid Technologies-Asia (ISGT Asia) 2018</i> , PP 746-751.	Conference	Yes
Hossain, Zulfikar	Yeap, W.K. & Hossain, M. (2018). What is a cognitive map? Unravelling its mystery using robots. <i>Cognitive Processing</i> , 1–23. <a href="https://doi.org/10.1007/s10339-018-0895-0">https://doi.org/10.1007/s10339-018-0895-0</a> .	Journal article	Yes

**BACHELOR OF DIGITAL TECHNOLOGIES**

Author	Publication	Type	Quality Assured
Fayez, Fadi	Thabtah F. (2018). An Accessible and Efficient Autism Screening Method for Behavioural Data and Predictive Analyses. Health Informatics Journal. 2018, 1460458218796636.	Journal	Yes
Fayez, Fadi	Almnaee MS, Thabtah F., Lu J. (2018). An Improved Associative Classification Algorithm based on Incremental Rules. 27TH INTERNATIONAL CONFERENCE ON INFORMATION SYSTEMS DEVELOPMENT (ISD2018). Lund, Sweden.	Conference	Yes
Fayez, Fadi	Thabtah F. (2018) Toddlers dataset for Autism. ASDTests.com & Kaggle.	data	Yes
Fayez, Fadi	Shahameeri R. & Thabtah F (2018). Autism AI a new mobile application for autism screening. <a href="https://play.google.com/store/apps/details?id=com.rezanet.intelligentasdscreener&amp;hl=en">https://play.google.com/store/apps/details?id=com.rezanet.intelligentasdscreener&amp;hl=en</a>	Mobile application	Yes
Fayez, Fadi	Thabtah F, Kamalov F., Rajab K (2018). A new computational intelligence approach to detect autistic features for autism screening. International Journal of Medical Informatics, Volume 117, pp. 112-124.	Journal	Yes
Fayez, Fadi	Thabtah F. (2108) Machine learning in autistic spectrum disorder behavioral research: A review and ways forward Informatics for Health and Social Care 43 (2), 1-20.	Journal	Yes
Fayez, Fadi	Alshboul R., Thabtah F., Abdelhaimid N. Aldiabat M. (2018) A visualization cybersecurity method based on features' dissimilarity Computers & Security 77, 289-303. 2018.	Journal	Yes
Fayez, Fadi	Qabajeh I., Thabtah F., Chiclana F. (2018) A recent review of conventional vs. automated cybersecurity anti-phishing techniques. Computer Science Review 29, 44-55.	Journal	Yes
Al-Ali, Firas	Gamage, T. & Nanayakkara, H. & Bhaskar, R. & Al-Ali, F. (2018-19). <i>Comprehensive Survey of FPGA Architectures: Past, Present and Future</i> . Paper ACCEPTED to Academics World 529th International Academic Conference on Engineering, Technology and Innovations (IACETI), Auckland, New Zealand, 6 <sup>th</sup> Feb 2019	Conference Proceedings	Yes

Author	Publication	Type	Quality Assured
Calder, John	Calder, J., Afrin, S. (2018) <i>XMRemoteRobot</i> . [Open Source Software publication for robot remote control and telemetry. Version 2 implements "SignalR" technology.] Retrieved from: <a href="https://github.com/manukautech/XMRemoteRobot">https://github.com/manukautech/XMRemoteRobot</a> .	Open Source Software Package	No
Calder, John	Calder, J. et al (2018) <i>XMSnakeRobot</i> . [Ongoing development of an artefact with associated Open Source Software Package]. Retrieved from: <a href="https://github.com/manukautech/XMSnakeRobot">https://github.com/manukautech/XMSnakeRobot</a> .	Open Source Software Package	No
Calder, John	Calder, J. (2018). <i>XMRemoteMonitor</i> . [Open Source Software publication for enabling of remote monitoring by accessible device cameras]. Retrieved from: <a href="https://github.com/manukautech/XMRemoteMonitor">https://github.com/manukautech/XMRemoteMonitor</a> .	Open Source Software Package	No
Calder, John	Calder, J. (2018). <i>Xjpc image mime type options</i> . [Software Development. Open Source "pull request" formal submission of suggested improvement to project "diff-cam-engine"]. Retrieved from: <a href="https://github.com/lonekorean/diff-cam-engine/pull/1">https://github.com/lonekorean/diff-cam-engine/pull/1</a> .	Open Source community engagement.	No
Calder, John	Afrin, S., Calder, J. (2018) <i>A Prototype Robot as an Example of Creative Repurposing of Accessible Technologies</i> . [Conference paper presented at ITX/CITRENZ, Wellington, NZ ] Retrieved from: <a href="https://www.citrenz.ac.nz/conferences/2018/pdf/2018CITRENZ_1_Afrin_Robot.pdf">https://www.citrenz.ac.nz/conferences/2018/pdf/2018CITRENZ_1_Afrin_Robot.pdf</a> .	Conf paper	Yes
Andrews, Michael	Raymund Herradura, Fadi Thabtah, Michael Andrews. (2018). Trend Analyses for Blockchain Technology Innovations using Data Analytics. <i>JCRAI Conference Proceedings New Zealand 2018</i> (pp. 20-21). Wellington: JCRAI.	Conference proceedings	Yes
Shahamiri, Seyed Reza	Asemi, A., Salim, S.S.B. and Shahamiri, S.R. (2018), Adaptive Neuro-fuzzy Inference System for Evaluation of Dysarthric Automatic Speech Recognition (ASR): A case study on MVML based ASR, <i>Soft Computing, (WoS Q1)</i> .	Journal	Yes
Ray, Sayan	E. Ndashimye, N. I. Sarkar, Sayan K. Ray, "A Network Selection Method for Handover in Vehicle-to-Infrastructure Communications in Multi-Tier Networks", in <i>Wireless Networks Journal</i> (Springer), August 2018, 10.1007/s11276-018-1817-x.	Journal	Yes

Author	Publication	Type	Quality Assured
Ray, Sayan	D. Airehrour, J. Gutierrez, Sayan K. Ray, "SecTrust-RPL: A Secure Trust-Aware RPL Routing Protocol for Internet of Things", in Elsevier Future Generation Computer Systems (FGCS), Mar 2018 [ <i>Impact Factor: 4.63</i> ]	Journal	Yes
Ray, Sayan	F. Beltran, Sayan K. Ray, J. Gutierrez, "Dynamic Spectrum Management in 5G: Lessons from Technological Breakthroughs in Unlicensed Bands Use", in 3 <sup>rd</sup> EAI International Conference on Smart Grid and Innovative Frontiers in Telecommunications (EAI Smartgift 2018), 23-25 April, 2018, pp. 250-259, Auckland, New Zealand.	Conference	Yes
Ray, Sayan	A. Hossain, Sayan K. Ray, "A Smartphone and IoT-Assisted Post-Disaster Communication and Recovery Method", in 3 <sup>rd</sup> EAI International Conference on Smart Grid and Innovative Frontiers in Telecommunications (EAI Smartgift 2018), 23-25 April, 2018, pp. 11-20, Auckland, New Zealand.	Conference	Yes
Ray, Sayan	D. Airehrour, J. Gutierrez, Sayan K. Ray, "A Trust-based defence Scheme for Mitigating Blackhole and Selective Forwarding Attacks in the RPL Routing Protocol", in Australian Journal of Telecommunications and the Digital Economy (AJTDE), Vol. 6, No. 1, Mar 2018, pp. 41-59.	Journal	Yes
Ray, Sayan	D. Airehrour, J. Gutierrez, Sayan K. Ray, "SecTrust: A Trust and Recommendation System for Peer-to-Peer Networks", in Proc. of 11 <sup>th</sup> International Conference on Information Resources Management (Conf-IRM 2018), 4-6 June 2018, Ningbo, China.	Conference	Yes
Ray, Sayan	M. G. A. Malik, Sayan K. Ray, Z. Bashir, A. Mughal, "Selecting Ubiquitous Services in Future Heterogeneous Wireless Networks Using Multi-Attributes Decision Making", in 11 <sup>th</sup> International Conference on Mobile Computing and Ubiquitous Network (ICMU 2018), 5-8 Oct, 2018, Auckland, New Zealand.	Conference	Yes
Ray, Sayan	A. Hossain, Sayan K. Ray, "A Technology Assisted Framework For Medical Emergencies Involving Formal and Informal Caregivers", in 17 <sup>th</sup> IEEE International Conference Ubiquitous Computing and Communication (IUCC 2018), 11-13 December, 2018, Melbourne, Australia.	Conference	Yes

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Author	Publication	Type	Quality Assured
Jauny, Ray	Jauny, R., & Parsons, J. (2018). <i>Delirium in aged-care facilities: A major challenge for health professionals</i> . Paper presentation at Australian Association of Gerontology, in Advancing Not Retiring: Active Players, a Fair Future, (pp. 46). Retrieved from <a href="https://www.aag.asn.au/documens/titem/2487">https://www.aag.asn.au/documens/titem/2487</a> .	Conference presentation	Yes
Jauny, Ray	Jauny, R., Neville, S., Montayre, J., & Wright-St Clair, V. (2018, November). <i>What is the lived experience of older migrants with mild cognitive impairment? A proposed phenomenological study</i> . Paper presented at the NZNO College of Gerontology Nursing conference Hamilton. Retrieved from <a href="https://www.nzno.org.nz/Portals/0/Files/Documents/Groups/Gerontology/Conference%20and%20BGM/2018%20Presentations/Ray%20Jauny%20-%20Older%20migrants.pdf">https://www.nzno.org.nz/Portals/0/Files/Documents/Groups/Gerontology/Conference%20and%20BGM/2018%20Presentations/Ray%20Jauny%20-%20Older%20migrants.pdf</a> .	Conference presentation	Yes
Jauny, Ray	Jauny, R., Neville, S., Montayre, J., & Wright-St Clair, V. (2018, September). <i>What is the lived experience of older migrants with mild cognitive impairment?</i> Paper presented at the New Zealand Association of Gerontology, "The Mosaic of Ageing" Ellerslie, Auckland. Retrieved from <a href="https://hdl.handle.net/10652/4451">https://hdl.handle.net/10652/4451</a> .	Conference presentation	Yes
Jauny, Ray	Hach, S., Baghaei, N., Jauny, R., Hayward, C., & Sarrafzadeh, A. (2018). <i>MoodRush: Designing a language-free mobile app for mood self-assessment</i> . In M. Perego, A.M. Rahmani, & N. TaheriNejad (eds). <i>Wireless Mobile Communication and Healthcare, 7th International Conference, MobiHealth 2017 Vienna, Austria</i> , Retrieved from <a href="https://link.springer.com/book/10.1007%2F978-3-319-98551-0">https://link.springer.com/book/10.1007%2F978-3-319-98551-0</a> .	Conference paper presentation	Yes
Jagannathan, Balaji	Bray, T., Dickey, C., Doss, F., Jagannathan, B., Mackie, J., McNeilly, D. & Zivaljevic, A. (2018, February). <i>Kia Mātau (Being smart): A different educational model for clinical renal physiologists</i> . In F.Doss (Chair), <i>Being Smart. Symposium of the Renal Society of Australasia and New Zealand Board of Dialysis Practice</i> , Auckland, New Zealand. Conference proceedings, February 2018.	Conference Proceedings	Yes
McNeilly, Diane	Bray, T., Dickey, C., Doss, F., Jagannathan, B., Mackie, J., McNeilly, D. & Zivaljevic, A. (2018, February). <i>Kia Mātau (Being smart): A different educational model for clinical renal physiologists</i> . In F.Doss (Chair), <i>Being Smart. Symposium of the Renal Society of Australasia and New Zealand Board of Dialysis Practice</i> , Auckland, New Zealand. Conference proceedings, February 2018.	Conference Proceedings	Yes

Author	Publication	Type	Quality Assured
Bray, Talane	Bray, T., Dickey, C., Doss, F., Jagannathan, B., Mackie, J., McNeilly, D. & Zivaljevic, A. (2018, February). <i>Kia Mātau (Being smart): A different educational model for clinical renal physiologists</i> . In F.Doss (Chair), <i>Being Smart. Symposium of the Renal Society of Australasia and New Zealand Board of Dialysis Practice</i> , Auckland, New Zealand. Conference proceedings, February 2018.	Conference Proceedings	Yes

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Author	Publication	Type	Quality Assured
Ahmed, Daud	Kareem, S. and Ahmed, M. D. (2018), Relationship Management in 3PL: A TLC-VFC model. Paper presented at the 12 <sup>th</sup> Conference of the Indian Sub-Continent Decision Science Institute, Mumbai, 27-30 December, 2018.	Exhibition	Yes
Bazyar, Babak	Bazyar, B. (2017, Dec 16). Maintenance Management of Heavy Construction Equipment in New Zealand. Auckland: AUT.	Exhibition	Yes
Shaw, Rob	Shaw, R. (2018). Art amid science: retaining the role of 'the designer's eye' in innovative performance yacht design, <i>Journal of Sailing Technology</i> , Vol 3 Issue 01. The Society of Naval Architects and Marine Engineers.	Journal article	Yes