

Annual Research Report

2019

School of Education

Curtin University, WA

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Publications

Journal articles

- Aldridge, J. M.**, McChesney, K., Afari, E. (2019). Associations between school climate and student life satisfaction: resilience and bullying as mediating factors. *Learning Environments Research*. <https://doi.org/10.1007/s10984-019-09296-9>
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- Bennett, D.** (2019). DDCA advocacy and collaboration: Leveraging the data to influence policy and practice. *NiTRO*, The Australian Council of Deans and Directors of Creative Arts. Retrieved from <https://nitro.edu.au/articles/2019/11/15/ddca-advocacy-and-collaboration-leveraging-the-data-to-influence-policy-and-practice>
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- Bennett, D., Hennekam, S., Macarthur, S., Hope, C. A., & Goh, T.** (2019). Hiding gender: how female composers manage gender identity. *Journal of Vocational Behavior*, 113, 20-32. <https://doi.org/10.1016/j.jvb.2018.07.003>
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- De Maio, C., **Dixon, K.**, & Yeo S. (2019). Academic staff responses to student plagiarism in universities: A literature review from 1990 to 2019. *Issues in Educational Research*, 29(4), 1131-1142.
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Presentations

Keynote presentations

Cavanagh, R. F., & Fisher, W. F. (2019, August). *A philosophical and theoretical contrast of measurement traditions*. Keynote Address. Pacific Rim Objective Measurement Symposium. Surabaya, Indonesia.

Giamminuti, S., & Strozzi, P. (2019, July). *An Ethic of Alliance and the Common Good: The Role of the Pedagogista in Reggio Emilia*. Keynote Presentation at the Biennial Conference of the Reggio Emilia Australia Information Exchange 'Landscapes of Transformation'. Perth, Australia.

Oliver, R. (2019, July). *Engaged and Active Learners – Is this possible in foreign language classrooms*. Keynote Address at the 25th Chinese Language Teachers' Federation of Australia National Conference. Perth, Australia.

Tang, K.S. (2019, November). *The evolving role of language: From cognitive, linguistic, discursive to current epistemic, multimodal and critical literacy emphasis*. Invited Keynote at the 3rd Congress of the Chilean Society of Scientific Education, Chillan, Chile.

Conference presentations

Beltman, S. (2019, August). *Teacher resilience: Whose responsibility?* Round Table presented at the 34th Western Australian Institute for Educational Research [WAIER] Annual Research Forum. Fremantle, Australia.

Beltman, S. (2019, August). *Teacher wellbeing: what does it mean and how can it be supported?* Symposium Organiser and Chair at the 18th Biennial EARLI Conference for Research on Learning and Instruction. Aachen, Germany.

Beltman, S., & Poulton, E. (2019, August). *Using online data to identify strategies that teachers use to regulate emotions*. Paper presented in the Symposium 'Possibilities of different research instruments for investigating emotions on learning of employees' at the 18th Biennial EARLI Conference for Research on Learning and Instruction. Aachen, Germany.

Beltman, S., & Poulton, E. (2019, September). *Teacher emotional coping: An individual responsibility?* Paper presented in the Symposium 'Teacher resilience: whose responsibility?' at the British Educational Research Association (BERA) Conference. Manchester, UK.

- Bennett, D.** (2019, April). *Developing the workers for the future of work: Reframing graduate employability*. Paper presented at the Future of Work workshop. Future of Work Institute and Bankwest Curtin Economics Centre, Curtin University. Perth, Australia.
- Bennett, D.** (2019, October). *Preparing musicians for the future workforce*. Workshop presented at the Australian Society for Music Education XXII National Conference. University of Western Australia. Perth, Australia.
- Bennett, D., & Jevons, C.** (2019, August). *Exploring student futures as business graduates: insights from capstone and internship experiences*. Paper presented 18th Biennial EARLI Conference for Research on Learning and Instruction. Aachen, Germany.
- Berson, I., Berson, M., **Murcia, K.**, Caldas, E.R., & Damjanovic, V. (2019, August). *Creating Play-based Inquiry Experiences that Support Preschoolers' Coding and Computational Thinking: Comparative Perspectives from Australia and the United States*. Paper presented at the WERA Focal Meeting. Gakushuin University. Tokyo, Japan.
- Brandenburg, R., **Walker, R.**, Crane, N., & Anderson, M. (2019, July). *Teacher Performance Assessments: Collaboration, Partnerships and Ethical Practice in designing and implementing the AfGT*. Paper presented at the symposium 'Teacher performance assessment: Ethical commitment, processes and impact'. ATEA 2019, Professionalism & Teacher Education: Voices from policy & practice. University of the Sunshine Coast. Slippy Downs, Australia.
- Brown, P.** (2019, November). *An absolutely amazing experience – National Mathematics Summer School*. Paper presented at the Annual Primary and Secondary Conference of the Mathematical Association of Western Australia. Perth, Australia.
- Brown, P. & Tang, K. S.** (2019, July). *Does the NAPLAN match the Australian curriculum?* Paper presented at the Annual Conference of the Mathematics Education Research Group of Australasia. Perth, Australia. Retrieved from https://merga.net.au/common/Uploaded%20files/Annual%20Conference%20Proceedings/2019%20Annual%20Conference%20Proceedings/Brown%20Tang_RP120.pdf
- Cavanagh, R. F.** (2019, August). *Chair Board of Management/President's welcome*. Pacific Rim Objective Measurement Symposium. Surabaya, Indonesia.
- Cavanagh, R. F., Asano-Cavanagh, Y., & Fisher Jr, W. P.,** (2019, July). *Natural Semantic Metalanguage as an approach to measuring meaning*. Paper presented at Joint IMEKO (International Measurement Confederation) Symposium. St Petersburg, Russia.

- Chang, J., Park, J., **Tang, K-S., Treagust, D., & Won, M.** (2019, July). *Identifying ways that students construct and visualise explanations in scientific drawings: From the perspective of “norms”*. Paper presented at the Annual Conference of the Australasian Science Education Research Association. Queenstown, NZ.
- Chen, J. C.** (2019, July). *Restorying a “newbie” teacher’s online teaching trajectory and beliefs in the 3D virtual world: A narrative case study*. Paper presented at the XXth International Computer Assisted Language Learning (CALL) Research Conference. The Education University of Hong Kong. Hong Kong.
- Cooke, A.** (2019, July). *Using ICT to enable pre-service teachers to notice young children engaging with mathematics*. The International Commission for the Study and Improvement of Mathematics Teaching conference (CIEAEM71) Connections and understanding in mathematics education: Making sense of a complex world. Braga, Portugal.
- Damjanovic, D. & **Murcia, K.** (2019, October). *Pleasure of Play with Innovative Technologies: Moving Away from the Dominant Discourse of Achievement and Access*. Paper presented at RECE, 27th International Conference: New Mexico State University. Las Cruces, Mexico.
- Dobson, M.**, (2019, March). *Playful inquiry to enrich children’s learning*. Paper presented at the Child Australia's Early Childhood Learning and Development Conference. Perth, Australia.
- Dobson, M. & Jay, J.** (2019, August). *“Instagram has well and truly got a hold of me”:* *Navigating process and intention in a parent’s representation of family life*. 34th Annual Research Forum, WAIER. Fremantle, Australia.
- Dobson, M. & Jay, J.** (2019, August). *“Pretty little squares”:* *An exploration and critique of the picturesque representation of children on Instagram*. 34th Annual Research Forum, WAIER. Perth, Australia.
- Dovchin, S.** (2019, November). *Translingual Englishes, social media, authenticities and EFL students*. Paper presented at ALAA & ALANZ Conference 2019. Curtin University. Perth, Australia.
- Durso, S., Afonso, L., & **Beltman, S.** (2019, Dec). *Resilience in higher education: the case of accounting in Brazil*. Paper presented at the Australian Association for Research in Education (AARE). Brisbane, Australia.
- Finau, T, **Treagust, D. F. & Won, M.** (2019, August). *Tongan teachers’ perceptions on implementing a cognitive acceleration in mathematics education program*. Paper presented as part of a symposium on Cognitive Acceleration at the European Science Education Research Association (ESERA). Bologna, Italy.

- Gardner, P.** (2019, July). *Seen and Heard! Encouraging critical literacy with picture books. Cross-Nation Perspectives on Collaboration and Community. Literacy and Play for All: Improvisation, possibility and imagination.* Paper presented at the 55th International Conference of the United Kingdom Literacy Association. Sheffield Institute of Education, Sheffield Hallam University. Sheffield, UK.
- Gardner, P.,** Lacina, J. & Bintz, W. (2019, July). *Cross-Nation Perspectives on Collaboration and Community. Literacy and Play for All: Improvisation, possibility and imagination.* Paper presented at the 55th International Conference of the United Kingdom Literacy Association. Sheffield Institute of Education, Sheffield Hallam University. Sheffield, UK.
- Giamminuti, S.,** Wynne, S., Clark, L., Reid, R., & See, D. (2019, July). *The Rights of Children in Alliance with the Rights of Teachers: Transforming Classroom Communities.* Paper presented at the Biennial Conference of the Reggio Emilia Australia Information Exchange 'Landscapes of Transformation'. Perth, Australia.
- Ginsborg, J., & **Bennett, D.** (2019, July). *Developing familiarity: To what extent does rehearsal talk predict performance cues in a new duo?* Presented at the 2019 International Symposium of Performance. Science. University of Melbourne. Melbourne, Australia.
- Hasegawa, H.** (2019, March). *Teaching accurate script writing pertaining to native and non-native writers.* Paper presented at the 2019 Japanese Language Teachers' Association of Western Australia (JLTAWA). Perth, Australia.
- Hasegawa, H.,** Chen, J. C., & Collopy, T. (2019, November). *The impact of a computerised oral testing programme on the test experience and learner anxiety of first-year Japanese learners: Challenges and implications.* Paper presented at the Language & Cultures Network for Australian Universities (LCNAU) 5th Biennial Colloquium 2019. University of Western Australia. Perth, Australia.
- Jugar, R., Won, M., **Treagust, D. F.,** & **McLure, F.** (July, 2019). *Feedback on student-generated diagrams to enhance thinking skills as components of scientific creativity.* Paper presented at the Annual Conference of the Australasian Science Education Research Association, Queenstown, New Zealand.
- Koul, R.,** & **Sheffield, R.** (2019, July). *STEM Learning and Doing: An effective cross-country model.* Paper presented at the Annual Conference of Australasian Science Education Research Association. Queenstown, New Zealand.
- Kuzich, S.** (2019, July). *Explicit teaching and playful pedagogies: oxymoron of Sympatico? Cross-Nation Perspectives on Collaboration and Community. Literacy and Play for All: Improvisation, possibility and imagination.* 55th International Conference of the United Kingdom Literacy Association. Sheffield Institute of Education, Sheffield Hallam University. Sheffield, UK.

- Lambert, M.** (2019, March). *The Voice of Students: Using Blended Learning to Support Student Learning*. Presented at the 2019 Mountain Plains Adult Education Association Conference. Las Vegas, USA.
- Lambert, C., Newton, J., Zhang, G., Tan, S. & Gong, Q.** (2019, November). *Using Tasks with Learners of Chinese as a Foreign Language: Engagement, Memory and More*. Colloquium presentation at the Applied Linguistics Conference 2019 (ALAA & ALANZ): Applied Linguistics and Language Teaching: Making Connections. Curtin University. Perth, Australia.
- Long, C. S., Fraser, B. J., & Subramaniam, K.** (2019, April). *Changes in elementary preservice teachers' attitudes about science during courses following the SE instructional model*. Paper presented at the Annual Meeting of the American Educational Research Association. Toronto, Canada.
- López-Íñiguez, G., & Bennett, D.** (2019, July). *Developing familiarity: To what extent does rehearsal talk predict performance cues in a new duo? Engaging music students in professional life: The role of learning identity*. Presented at the 2019 International Symposium of Performance Science, University of Melbourne. Melbourne, Australia.
- McLure, F., & Won, M.** (2019, July). *Building creativity: Communicating scientific understanding of chemistry through student-generated conceptual drawings in a gifted primary program*. Paper presented at the Annual Conference of the Australasian Science Education Research Association. Queenstown, New Zealand.
- Mansfield, C. F., & Beltman, S.** (2019, August). *"I actually felt more confident": Using online modules to develop preservice teacher self-efficacy*. Paper presented in the Symposium 'Teacher wellbeing: what does it mean and how can it be supported?' at the 18th Biennial EARLI Conference for Research on Learning and Instruction. Aachen 2019.
- Maulana, R., Helms-Lorenz, M., Ko, J., Chun, S., Lee, O., Irnidayanti, Y., De Jager, T., Coetzee, T., Koul, R., & Shahzad, A. H.** (2019, April). *Can we compare teaching behavior across national contexts? Rasch modeling and differential item functioning approach*. Poster presented at the 2019 American Educational Research Association (AERA) Annual Meeting: Leveraging Education Research in a "Post-Truth" Era: Multimodal Narratives to Democratize Evidence. Metro Toronto Convention Centre. Toronto, Canada.
- Morey, V., Walker, R. & Morrison, C.** (2019, December) *Mobilising, implementing and embedding TPAs: Experiences in the life course of the AfGT*. Paper presented at the symposium 'Managing forces to achieve fair judgements in the AfGT'. AARE 2019: Education for a Socially-Just World. Queensland University of Technology. Brisbane, Australia.

- Murcia, K.** (2019, July). *Young science explorers- Guiding play through inquiry questioning*. Paper presented at ASERA. Queenstown, New Zealand.
- Murcia, K.,** Pepper, C., & Joubert, M. (2019, August). Creativity and Coding in Early Childhood Education. Paper presented at ESERA. Bologna, Italy.
- Nonis, K. P.,** Padmanabhan, U. & Cho, E., (2019, July). *The effect of inclusive intervention programme on the attitudes of tertiary students toward inclusion in Singapore*. Paper presented at the 16th Biennial Conference International Association of Special Education (IASE). Empowering Persons with Disabilities: Developing Resilience and Inclusive Sustainable Development. Sebastian Kolowa Memorial University (Sekomu). Magamba, Tanzania.
- Oliver, R.** (2019, August). *Peer interaction*. Paper presented at International TESOL Conference. Ho Chi Min City, Vietnam.
- Oliver, R.** (2019, November). *Can science and Mathematics classrooms be used for second/foreign language learning?* Paper presented at SMTE International Conference. Mauritius Institute of Education. Mauritius.
- Oliver, R.** (2019, November). *Translating Translanguaging into our classrooms: Possibilities and challenges*. Paper presented at the ALAA, ALANZ, ALTANZ Applied Linguistics Conference. Perth, Australia.
- Owen, S.** (2019, April). *Teaching Contested Histories and introducing Stolen Generation in Classrooms*. Invited panel with Chris Malcolm (John Curtin Gallery Director), Prof. Simon Forrest and Jessica Johnson (Assistant Curator, The Herbert Mayer Collection of Carrolup Artwork, JCG). Handle our drawings, our stories and our memories with care: Western Australian State Heritage and History Conference. Perth, Australia.
- Owen, S.** (2019, September). *Navigating the Civic and Weaving the Civil: Community Literacies and Playing Across Spaces*. Presented at the 'Open Literacy' Digital Games, Social Responsibility and Social Innovation Symposium. Perth, Australia.
- Owen, S., & Davies, S.** (2019, August). *Developing digital literacies and introducing digital technologies in Montessori early childhood education*. Paper presented at the 34th Annual Research Forum, WAIER. Perth, Australia.
- Owen, S., Owen, J.,** McQuade, S., & Davies, S. (2019, December). *Connecting Play: Weaving Community*. Peer-reviewed paper presented at Cities in an Age of Disruption and Innovation, State of Australian Cities Conference. Perth, Australia.
- Park, J., Chang, J., Tang, K-S., Treagust, D., & Won, M.** (2019, July). *An analysis on the patterns of interplay among different levels of representations shown in students' drawings to construct scientific explanations*. Paper presented at the Australasian Science Education (ASERA) Conference. Queenstown, New Zealand.

- Pelliccione, L., Morey, V., & Walker, R.** (2019, April). *Innovative approaches to learning management systems design to support non-traditional online learners*. Paper presented at the National Research Week in Higher Education 2019. Mauritius.
- Roever, C., Ellis, R., Dai, D.W., Lambert, C., Zhang, G., Gong, Q. & Tan, S.** (2019, November). *Assessment of L2 Pragmatics*. Colloquium presentation at the Applied Linguistics Conference 2019 (ALAA & ALANZ): Applied Linguistics and Language Teaching: Making Connections. Curtin University. Perth, Australia.
- Rennie, L. J., Stocklmayer, S. M., & Gilbert, J. K.** (2019, August). *Helping self-directed learners to understand science: Implications for informal education providers and school curriculum*. Paper presented at the 15th Conference of the European Science Education Research Association, Bologna, Italy.
- Rennie, L. J.** (2019, June). *Developing critical thinking in integrated STEM education outside of school*. Paper presented at the Annual Conference of the Australasian Science Education Research Association, Queenstown, New Zealand.
- Sawers, V.** (2019, July). *The Wonky Wheel, A Partial Knowledge of Children's Literacies*. 55th International Conference of the United Kingdom Literacy Association. Sheffield Institute of Education, Sheffield Hallam University. Sheffield, UK.
- Sheffield, R., & Koul, R.** (2019, July). Evaluating the impact of a distributed approach on teacher's professional learning. Paper presented at the *Annual Conference of Australasian Science Education Research Association*. Queenstown, New Zealand.
- Smith, C., Beltman, S, Dobinson, T., Dinham, J., Bailey, J., & Pullella, T.** (2019, July). *An Instrumental Mentoring Program to Support Student Engagement and Academic Success*. Paper presented at the Students Transitions Achievement Retention & Success (STARS) Conference. Melbourne, Australia.
- Tang, K. S.** (2019, August). *Metalanguage for Describing & Analyzing Multimodal Discourse of Science*. Paper presented in the SIG Symposium "Research Traditions of Languages & Literacies in Science Education" at the European Science Education Research Association (ESERA) Biannual Conference, Bologna, Italy.
- Tang, K. S.** (2019, August). *Research Traditions of Languages & Literacies in Science Education*. Organiser of Inaugural SIG Symposium at the European Science Education Research Association (ESERA) Biannual Conference. Bologna, Italy.
- Tang, K. S.** (2019, August). *The Role of Metalanguage in Developing Metacognition of Scientific Explanation*. Paper presented at the European Science Education Research Association (ESERA) Biannual Conference, Bologna, Italy.
- Treagust, D. F.** (2019, February). *Time for changing paradigms in science and in education*. Paper presented at the Heraeus Seminar on General Relativity as a Challenge for Physics Education. Physikzentrum. Bad Honnef, Germany.

- Treagust, D. F.** (2019, August). *Science teacher professional development: Addressing challenges of complexity, responsivity, and scale* and comparing the situation in Australia. Symposium discussant. 13th European Science Education Research Association (ESERA) Conference. Bologna, Italy.
- Treagust, D. F.** (2019, August). *Disciplinary Specific Journals in Science Education* Publishing opportunities for the journal Chemistry Education Research and Practice as part of the symposium. 13th European Science Education Research Association (ESERA) Conference. Bologna, Italy.
- Treagust, D. F., Al Safwan, A. & Zadnik, M.** (2019, April). *An international comparison of students' understanding of thermal concepts prior to instruction*. Paper presented at the Annual Meeting of the American Educational Research Association. Toronto, Canada.
- Treagust, D. F., Beleckas, G., & Fraser, B. J.** (2019, April). *Students' perceptions of learning environment and attitudes toward mathematics in 1:1 and 2:1 computing*. Paper presented at the Annual Meeting of the American Educational Research Association. Toronto, Canada.
- Treagust, D. F., & Blades, I.** (2019). *Perseverance in science education: A longitudinal study on the academic journeys of eight female students*. Paper presented at the Annual Conference of the Australasian Science Education Research Association. Queenstown, New Zealand.
- Venville, G., **Rennie, L. J., & Wallace J.** (2019, August). *A worldly perspective: Using theory to analyse stem curriculum*. Paper presented at the 15th Conference of the European Science Education Research Association, Bologna, Italy.
- Walker, R. & Morrison, C.** (2019, July). Professional experience in fully online initial teacher education: Student preparation, development and experience. Paper presented at ATEA 2019, Professionalism & Teacher Education: Voices from policy & practice. University of the Sunshine Coast. Slippy Downs, Australia.
- Walker, R., Pelliccione, L., Morey, V. & Morrison, C.** (2019, July). Online initial teacher education: Cohort profiling and graduate outcomes. Paper presented at ATEA 2019, Professionalism & Teacher Education: Voices from policy & practice. University of the Sunshine Coast. Slippy Downs, Australia.
- Walker, R., Loxton, J., Morey, V., & Keamy, K.** (2019, July). *Teacher Performance Assessments: Collaboration, Partnerships and Ethical Practice in designing and implementing the AfGT*. Paper presented at the symposium 'Transformative collaborations: Changing the game in initial teacher education'. ATEA 2019, Professionalism & Teacher Education: Voices from policy & practice. University of the Sunshine Coast. Slippy Downs, Australia.

- Wigglesworth, G., & **Oliver, R.** (2019, May). *Translating translanguaging for our language learning classrooms*. Paper presented at the International Language in Focus Conference. Dubrovnik, Croatia.
- Williams, M., & **Tang, K. S.** (2019, August). *Implications of Non-verbal Modes of Representation for Language Learners*. Poster presented at the European Science Education Research Association (ESERA) Biannual Conference. Bologna, Italy
- Williams, P. J.** (2019, January). *Opportunities and threats for technology education*. Paper presented at the 13th International Conference on Technology Education in the Asia-Pacific Region. Korea National University of Education, Cheongju, South Korea.
- Williams, P. J.** (2019, April). *Teaching and Learning Making in STEM*. Paper presented at The International Conference on STEM and Maker Education (iCSME). Guangzhou, China.
- Williams, P. J.** (2019, June) *Technology Education: a role in STEM*. Paper presented at the International Conference on Mathematics and Science Education (ICMScE). Universitas Pendidikan Indonesia. Bandung, Indonesia.
- Williams, P. J.** (2019, September). *STEM: Teacher Education and IR 4.0*. Paper presented at the International Conference on Teacher Education Renovation (ICTER) and IAMSTEM 2019 Conference. Thai Nguyen University of Education. Thai Nguyen, Vietnam.
- Williams, P. J.** (2019, October). *The Future of Technology Education*. Paper presented at Reflect, Innovate, Shine and Educate (RISE) Technology Education New Zealand Biannual Conference. Auckland, New Zealand.
- Williams, P. J.** (2019, December). *The essential idea of making in technology education*. Paper presented at the 16th National Work conference in Senior High School General technical Course, Wenzhou, Zhejiang Province, China.
- Won, M.** (July, 2019). Teaching creative thinking in science class: a missing link for science learning? Paper presented at the Annual Conference of the Australasian Science Education Research Association. Queenstown, New Zealand.
- Won, M., Treagust, D. F., McLure, F., & Jugar, R.** (2019, July). *How to teach for creative thinking in science? A framework for teaching with student-generated diagrams*. Paper presented at the Annual Conference of the Australasian Science Education Research Association. Queenstown, New Zealand.
- Xu, M., & **Williams, P. J.** (2019, June). *Technology teachers' attitude towards technology: An investigation of Chinese high school general technology teachers* Paper presented at the PATT 37 - Conference 2019: 'Developing a knowledge economy through technology and engineering education'. University of Malta. Msida, Malta.

Invited lectures and seminars

- Beltman, S.** (2019, August). *Teachers' Emotion Management Strategies*. Seminar presentation for KOM (Knowledge about Motivation) Research Group, University of Groningen, Netherlands
- Beltman, S.** (2019, August). *Researching Teacher Resilience: Multiple Perspectives*. Seminar presentation for higher education academics at the University of Groningen. Groningen, Netherlands.
- Beltman, S.** (2019, August). *Building Resilience in Teacher Education*. Invited workshop for Teacher Education staff at the University of Groningen. Groningen, Netherlands.
- Bennett, D.** (2019, December). *How to engage students in developing their employABILITY*. Invited workshop presented for the Australasian Council for Undergraduate Research 1st Undergraduate Research X-Change. University of Sydney. Sydney, Australia.
- Giamminuti, S.** (2019, February). *Ethics, Politics and the Common Good: Reggio Emilia as The Other*. Opening paper at a Symposium hosted by Semann & Slattery, Macquarie University & Goodstart Early Learning at Macquarie University, Sydney, Australia.
- Murcia, K.** (2019, July). *Creative coding - Playful learning with tangible coding technologies*. Seminar presented at Deakin University.
- Murcia, K.** (2019, July). *An Early Years DigiTech Framework- Learning through play with 'robots'*. Seminar presented at Queensland University of Technology.
- Murcia, K. (2019, September).** *Playful Learning with Tangible Coding Technologies*. Seminar presented at Sheffield University.
- Owen, S.** (2019, February) *Teaching Contested Histories in the classroom*. Invited lecture at the Embedding Aboriginal Perspectives - Teachers Professional Development Event hosted by the John Curtin Gallery, Perth, Australia.
- Owen, S.** (2019, April). *Digital Literacies, Schools and Communities*. Invited Lecture hosted by Professor Amy Jordan, School of Communication and Information Studies, Rutgers University. New Jersey, USA.
- Owen, S.** (2019, May) *Contested Histories, Inquiry Learning: How do we teach Genocide and Histories of Trauma?* Invited talk at the WA History and Heritage Conference. Perth, Australia.
- Owen S. & Davies, S.** (2019, June). *Digital Literacies and Digital Technology Use*. Invited talk at a Parent Information Evening, Beehive Montessori School, Perth, Australia.

- Owen S. & Mancini, F.** (2019, March). *Fascist Echoes in Contemporary Rome*. Invited talk in the Culture and Heritage Public Education Series at Mello House. Perth, Australia.
- Owen S. & Sneddon, J.** (2019, September). *Values and Schools*. Invited talk in the Children and Values Public Education Series at Mello House. Perth, Australia.
- Owen S. & Sneddon, J.** (2019, November). *Children and Technology* Invited talk in the Children and Values Public Education Series at Mello House. Perth, Australia.
- Tang, K.S.** (2019, May). *Multimodal meaning-making: Convergence between language & science education research*. Invited seminar at Linnaeus University, Växjö, Sweden.
- Tang, K.S.** (2019, May). *Metalanguage for describing multimodal discourse of science*. Invited seminar at Linköping University, Linköping, Sweden.
- Treagust, D.,** (2019, April). *Diagnostic instruments in chemistry for formative and summative assessment and conceptual understanding*. Seminar presented at the Department of Chemistry and Biomolecular Sciences, University of Ottawa. Ottawa, Canada.

External and nationally competitive grants

- Aldridge, J.** (2019). *Development, Validation and Use of a System-Wide Survey to Examine the Understanding of the Vision and Extent to which Catholic Education SA's Living Learning Leading Framework is Taking Place in Schools: Principal, Leadership Team and Teachers Perceptions*. South Australian Commission for Catholic School Inc. (\$25,000.00).
- Bennett, D.** (Principal investigator), Dockery, M., Coffey, J., & Bawa, S., (2019). *Ameliorating disadvantage: Creating accessible, efficacious and equitable careers and study information for low SES students*. National Centre for Student Equity in Higher Education (NCSEHE). (\$149,082.00).
- Davies, S.** (Principal investigator), **Owen, J., & Owen, S.** (2019). *What is Play? And Why Play Together? Finding Connection in Outdoor Spaces*. City of Canning. (\$4,500.00).
- Dovchin, S.** (Principal investigator), **Lambert, C., & Oliver, R.** (2019). *Fostering the integration of humanitarian entrants to Western Australia through alternative approaches to second language education*. The Multicultural Affairs and Citizenship Program, Department of Home Affairs, Australian Government. (\$46,851.00).
- Gobby, B.** (2019). *School autonomy reform and social justice in Australian public education*. Australian Research Council, Deakin University. (\$3,280.00).
- Hartley, J. (Principal investigator), Abidin, C., Allen, M., Croeser, S., Dobson, A., Ellis, K., Huan, W., Keogh, B., Li, H., Montgomery, L., Leaver, T., **Owen, S.,** Sandry, E. Willson, M., (2019). *Digital Culture and Creative Economy*. Tencent Research. (\$100,000.00).
- Maayah, F.** (2019). *Sharing knowledge through soccer between Australia and Jordan*. Department of Foreign Affairs & Trade. (\$20,000.00).
- Murcia, K.** (Joint collaborator), (2019). *Centre of Excellence for the Digital Child*. Australian Research Council (\$34,934,591.00, funds held by Queensland University of Technology).
- Oliver, R.** (Principal Investigator), **Gardner, P., Sawers, V., & Kuzich, S.** (2019). *Establishment of the Western Australian Centre for Excellence in the Explicit Teaching of Literacy*. Department of Education. (\$2,042,468.68).
- Oliver, R.** (Principal Investigator), **Oxenburgh, M., Morrison, C., & Gower, G.** (2019) *Increase the number of Aboriginal teachers*. Department of Education. (\$3,000,000.00).
- Treagust, D.** (2019). *International collaboration in teaching and learning of Einsteinian physics*. Australian Research Council, University of Western Australia, Curtin University. (\$25,000.00).

Williams, P. J. (2019). *Western Australia East Java University Consortium Vet Project*. Australian Trade and Investment Commission, Department of Jobs, Tourism, Science and Innovation. (\$57,272.23).

Won, M. (Principal Investigator), **Tang, K-S., Treagust, D., & Morcerino, M.** (2019). *Using Immersive Virtual Reality to Enhance Students Science Visualisation*. Curtin University, Australian Research Council, Western Sydney University, National Taiwan Normal University. (\$412,400.00).

Theses

Alharthi, A. (2019). *An Evaluation of ICT Integration in Science Learning in Primary Schools in Saudi Arabia*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Blades, I. (2019). *Perseverance in Science Education: A Longitudinal Study on the Academic Journeys of Eight Female Students*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Coon, M. (2019). *Design and Evaluation of an Inquiry-oriented Genetics Program using a Multidimensional Conceptual Change Perspective*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Gent, A. (2019). *The Rise and Fall of an Australian Technical College Program* (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Giles, R., (2019) *Learning Environment and Attitudes in Middle School Mathematics*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Goh, K. (2019). *Written Feedback: Exploring the Reflections of Upper Primary Music Students at Two Western Australian Schools*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Heald, J. (2019). *Pedagogical relationships: A master-apprentice model in music teaching*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Kuzich, S. (2019). *The Paradox of Education for Sustainability (EfS): An Interpretive Inquiry into Teachers' Engagement with Sustainability Policy Imperatives in a Western Australian Primary School*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

McMinn, M. (2019). *Investigating Pre-Service Teachers' Mathematics Anxiety, Teaching Anxiety, Self-efficacy, Beliefs about Mathematics and Perceptions of the Learning Environment*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Rowntree, E.K. (2019). *Investigating the Relationships between Motivation, Self-Regulation, the Learning Environment, and Cooperative Learning in Middle School Classrooms in Abu Dhabi*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.

Waldock, M. (2019). *Until We Have Faces: Memory, Self and Place in Education*. (Unpublished doctoral dissertation). Curtin University, Perth, Australia.