PROFESSOR TOM LOWRIE

Centenary Research Professor, Faculty of Education
Director of STEM Education Research Centre (SERC)
University of Canberra ACT Australia

PUBLICATIONS

Books, Book Chapters and Reports


Refereed Journal Articles


Refereed Conference Proceedings


Logan, T., & Lowrie, T. (2012). Gender factors in primary-aged Singaporean students’ performance on mathematics tasks. In T. Y. Tso (Ed.), Opportunities to learn in


Keynote Addresses / Invited Presentations

Lowrie, T. (2019, March 30). Building blocks for STEM Education. STEMEd Conference, Canberra. [Keynote address]


Lowrie, T. (2015, June 29). Mathematics education as a field of research: Have we become too comfortable? Clements-Foyster keynote lecture at the 38th annual conference
of the Mathematics Education Research Group of Australasia (MERGA), Sunshine Coast, QLD. [Keynote lecture]

**Lowrie, T.** (2015, June 16). *What is the evidence based numeracy research telling us?* Invited presentation at the Queensland Numeracy Summit 2015: Initial Teacher Education, Brisbane. [Invited presentation]

Clapper, M., **Lowrie, T.**, & Kohlhagen, S. (2015, March 19). *Teachers + students: Why isn’t the equation adding up?* University of Canberra Research Festival, Canberra. [Invited Q & A session]


**Lowrie, T.** (2012, July 2-6). *Expanding our understanding of visuospatial thinking and reasoning: Engaging and connecting the next generation of students.* Primary Teachers’ Lecture at the 35th annual conference of the Mathematics Education Research Group of Australasia (MERGA), Singapore. [Invited presentation]


**Lowrie, T.** (2012, March 3). “*If this was real*: Tensions between using genuine artefacts and collaborative learning in mathematical tasks.” The Janet Duffin keynote lecture at the British Society for Research into Learning Mathematics conference, Manchester, UK. [Keynote address]

**Lowrie, T.** (2012, February). *An educational practice(s) framework: The empowerment of the teaching profession.* Keynote address at the Pearson Foundation International Education Summit: Asia Pacific Summit on the Teaching Profession, Jakarta, Indonesia. [Keynote address]


**Lowrie, T.** (2010, August). *Primary students’ decoding mathematics tasks: The role of spatial reasoning.* Invited presentation to the annual conference of the Australian Council for Educational Research, Melbourne. [Invited presentation]

**Lowrie, T.** (2008, September). *National numeracy tests: A graphic tells a thousand words.* Keynote address to the 10th annual conference of the Korea Institute of Curriculum and Evaluation, Seoul, Korea. [Keynote address]

Lowrie, T. (2004). *Establishing visual and spatial thinking in primary grades.* Keynote address to the annual conference of the Queensland Association of Mathematics Teachers, Toowoomba, QLD. [Keynote address]