

**Peer-reviewed journal articles:**

Buntting, C. (2023). Building a positive future for science education through teacher-researcher partnerships. *International Journal of Science Education and Teaching*, 2(3), 127-134.

Buntting, C., Doyle, C., Anderson, D., & Luczak-Roesch, M. (2021). Weaving a web of connections through online citizen science. *New Zealand Annual Review of Education*, 26, 69–75. doi: 10.26686/nzaroe.v26.

Buntting, C., Moeed, A., Anderson, D., & Miller, R. (2022). An evidence-based approach to secondary school science: Online citizen science and the science capabilities. *Curriculum Matters*, 18, 46-65.

Doyle, C., Pierson, C. M., Buntting, C., & Li, Y. (2021). Learning to teach from home. *SET: Research Information for Teachers*, (1), 60–66. doi:10.18296/set.0196

Doyle, C., Ross, S., Buntting, C., Boucher, M., & Kotze, T. (2023). Training an AI rover for Mars. Why and how? *SET: Research Information for Teachers*, 2, 41-48.

Egerton, B., Moeed, A., Bunting, C., & Ross, S. (submitted). Using online citizen science as context and driver for integrating DT and science curriculum learning. *Journal of Science Education and Technology*.

**Other articles:**

Christenson, D., Roberts, J., & Hipkins, R. (2021). Place-based learning: Reflections on the value of repeated field trips. *Set: Research Information for Teachers*, 3, 2–5. doi:10.18296/set.0205

Education Gazette Editors. (2020). Mouldy bread and microscopic beasts. *Education Gazette*, 99(12). Retrieved from [https://gazette.education.govt.nz/articles/mouldy-bread-and-microscopic-beasts/?fbclid=IwAR2Oy\\_s7oyGNfdLi3HXxqh6l7abAPGMZgUpVxhbpiTz0BRuiMWxc3ShmvyU](https://gazette.education.govt.nz/articles/mouldy-bread-and-microscopic-beasts/?fbclid=IwAR2Oy_s7oyGNfdLi3HXxqh6l7abAPGMZgUpVxhbpiTz0BRuiMWxc3ShmvyU)

**Teacher-facing presentations:**

Miller, R., & Buntting, C., & (2020, October). *Travelling to Mars?* Oral presentation at ULearn online education conference. Available at [https://www.youtube.com/watch?v=Bpl\\_Axag59k](https://www.youtube.com/watch?v=Bpl_Axag59k)

Brieseman, C., & Buntting, C. (2021, October). *Being citizen scientists online*. Oral presentation at ULearn online education conference.

Boucher, M. (2021, October). *Online citizen science in the classroom*. Oral presentation at ULearn online education conference.

Buntting, C. (2022, July). *Using online citizen science to contribute to international climate change research*. Teaching science: Making learning relevant inside and outside the classroom. A workshop hosted by NZ Association of Primary Science Educators and Teacher Development Aotearoa. Auckland, NZ.

Buntting, C. (2022, November). *Using online citizen science projects to support primary school students to think scientifically*. Oral presentation at the Singapore International Science Teachers Conference (online).

Christenson, D., & Buntting, C. (2023, April). *Teacher-researcher partnerships: Collaborating for good*. Oral presentation at SCICON23. Hamilton.

Egerton, B., & Ross, S. (2023, April). *Developing students' digital skills through online citizen science*. Oral presentation at SCICON23. Hamilton.

**Researcher-facing presentations:**

Doyle, C., & Buntting, C., (2020, July). *Weaving a web of connections through online citizen science*. Cancelled Conference Conversations. A virtual symposium series.

Buntting, C., & Doyle, C. (2020, November). *Online citizen science as a cross-disciplinary research connector*. Oral presentation at Contemporary Approaches to Research in Mathematics, Science, Health, and Environmental Education Symposium. Melbourne, Australia [Virtual Conference]. Available at <https://youtu.be/VzZCtAO>

Buntting, C., & Coton, M. (2021, July). *Online citizen science: Multiple opportunities for learning*. Invited webinar for the STEM Special Interest Group, Australian Association for Research in Education.

Buntting, C., Anderson, D., & Christenson, D. (2021, July). *Investigating students' views of their science capability development*. Online presentation at the annual conference of the Australasian Science Education Research Association.

Egerton, B., & Glasson, B. (2022, July). *'Researcher', 'teacher', 'other'? Considering a non-scientist's role in a science-focused research project*. Oral presentation at the annual ASERA (Australasian Science Education Research Association) conference. Online and in Perth.

Glasson, B., & Egerton, B. (2022, July). *Science and digital technology - An evidence-based integration*. Oral presentation at the annual ASERA (Australasian Science Education Research Association) conference. Online and in Perth.

Buntting, C. (2023, May). *Building a positive future for science / STEM education through teacher-researcher collaborations*. Keynote address at The 10th International Conference for Science Educators and Teachers (ISET) 2023. Phuket, Thailand.

Buntting, C., & Soanes, A. (2023, October). *Empowering education: Using citizen science to enhance science education in New Zealand*. Invited presentation. International Symposium on Citizen Science 2023. Online, hosted by Universiti Teknologi Malaysia.

**Other:**

The image *On2Science: Weaving a web of connections through online citizen science* celebrated the collaboration underpinning this project as part of an 'Images of Research' exhibition hosted by Te Whare Wānanga University of Waikato, see <https://www.waikato.ac.nz/wmier/images-of-research>

## Doyle & Bunting TLRI outputs



Online citizen science project pages on the Science Learning Hub:

- [Wild Sourdough](#)
- [AI4Mars](#)
- [The Great Kiwi Earthworm Survey](#)
- [Skink Spotter NZ](#)
- [The Pieris Project](#)
- [Penguin Watch](#)
- [Fossil atmospheres](#)