

Guest editors

Jaana Herranen

Jaana Herranen (PhD) is a post-doctoral researcher, and a chemistry teacher. Her research interests include sustainability education, especially climate change education and the use of student-centred approaches. She has developed a model on using students' questions in inquiry-based science teaching. Her most recent studies relate to didactic modeling, teachers' professional development, and sustainability/climate change education. She works in the unit of chemistry teacher education, and coordinates LUMAT Science Research Forum organizing events and collaboration amongst science, mathematics and technology education research. She is also one of the editors of the LUMAT journal.



Erik Cyrus Fooladi

Erik Cyrus Fooladi holds a doctorate in organometallic chemistry from University of Oslo, and is presently associate professor in science education and home economics at Volda University College, Norway. He has an extensive production of teaching resources and popular scientific material in the interface between science and food, amongst other as co-author of the popular science book “A Pinch of Culinary Science: Boiling an Egg Inside Out and Other Kitchen Tales” (published in Finnish as “Hyppysellinen tiedettä”). His research interests are education and communication in the intersection between food, science and sense/ory experiences, particularly on inquiry, argumentation, context-based education and epistemic perspectives in transdisciplinary contexts. He is also a musician (percussionist), and collaborates with both researchers, artists, and other practitioners to produce multisensory performances and research.



Marina Milner-Bolotin

[Marina Milner-Bolotin](#), Ph.D. is a Professor in the field of Science Education in the UBC Department of Curriculum and Pedagogy at the University of British Columbia, Vancouver, Canada where she teaches undergraduate and graduate science education and educational technology courses. She also teaches in the fully online Master of Science Education Program at UBC. Her favourite online course is EDCP 544 that focuses on mathematics and science teaching in technology-enhanced learning environments. Her areas of research include science (physics) and mathematics education, educational technology in mathematics and science, and teacher education. She has been teaching mathematics and science in K-12 schools and at the undergraduate level for more than 25 years in the Ukraine, Israel, the United States, and Canada. She is actively involved in provincial, national and international organizations focused on improving science and mathematics education, such as the American Educational Research Association, American Association of Physics Teachers, Canadian Association of Physicists, Canadian Society for the Study of Education, and the British Columbia Physics Teachers' Association.

