

ICER 2024

International Conference on Education Research

The Independent Institute of Education, Cape Town, South Africa

21-22 November 2024

Mini Track on Educational Materials Focused on Supporting and Enhancing Scientific Literacy in STEM

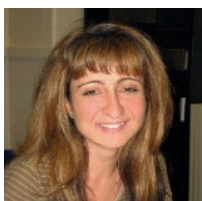
Mini Track Chair: Professor Stavroula Andreopoulos, PhD., Teaching Stream, University of Toronto, Dept. of Biochemistry, Canada



The development of science literacy and communication skills are highly valued by both academia and industry. They are important for study and understanding but in particular for future career growth. The teaching of these skills has always been challenging for educators. As such, this mini-track is discussing educational materials (i.e. writing assignments, e-modules, in-class group activities) that support and enhance learner communication, reflective abilities, critical thinking and oral/written skills in science education. We are interested in papers that look at the creation, sharing and implementation of materials.

Topics of interest include but are not limited to:

- Materials for use in Science Education
- Studies promoting science literacy through the use of educational materials
- Writing Assignments
- E-module creation
- In-Class Group activities
- Evaluation of Educational Materials
- Ethics of Sharing Materials
- Educational Materials for different learning styles



Stavroula Andreopoulos is a Professor, Teaching Stream, in the Department of Biochemistry at the University of Toronto. Her research focuses on enhancing communication, oral and written skills, reflective abilities, critical thinking and the overall learning experience in science education. In 2017, she was recognized by the Temerty Faculty of Medicine for her multi-year contribution to undergraduate teaching with the Sustained Excellence and Innovation in Life Sciences Education Award. More recently (2023), she was awarded the provincial Ontario Confederation of University Faculty Associations (OCUFA) Teaching Award of Distinction.

Submission details

In the first instance a 300 word abstract is required, to be received by **1st May 2024**. Submissions must be made using the online submission form at: <https://www.academic-conferences.org/conferences/icer/icer-abstract-submission/>

If you have any questions about this track please email the mini track chairs: s.andreopoulos@utoronto.ca
See more about ICER at <https://www.academic-conferences.org/conferences/icer/>