

Ron Blonder is a Professor in the Department of Science Teaching at the Weizmann Institute of Science in Rehovot, Israel. She is the head of the Chemistry Group and the head of the Rothschild-Weizmann Master's Program for Excellence in Mathematics and Science Teaching. Since January 2023 she has been the co-Editor-in-Chief of the *International Journal of Science Education*. Prof. Blonder is the recipient of the 2023 NARST Fellows Award.

Prof. Blonder earned her BSc in Chemistry, with distinction, from the Hebrew University of Jerusalem in 1993. She then completed her doctoral studies in Chemistry at The Hebrew University of Jerusalem.

Her research focuses on chemistry teachers' professional development in the context of contemporary topics in science using innovative technological tools and environments. She has published over 100 peer-reviewed and invited papers as well as book chapters in which she has explored chemistry teachers' self-efficacy beliefs and knowledge development when they learn contemporary research in chemistry (nanotechnology and the sustainable development goals - SDGs) and when they incorporate technological tools into their chemistry teaching. She has also investigated differentiated instruction in heterogeneous chemistry classes with and without the aid of technology to promote personalization in chemistry teaching. Dr. Blonder has applied the results of her educational research to chemistry teachers' professional development.