

Special issue: Doctoral studies in Finland and Sweden

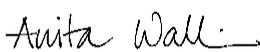
Welcome to this special issue of NorDiNa, which is entirely devoted to doctoral studies in science education in Finland and Sweden. In these two countries research training in our field is done systematically through graduate schools operating on a national level.

Editors for the special issue are Professor Jari Lavonen, University of Helsinki, and Professor Helge Strömdahl, Linköping University. They are in charge of the *Finnish Graduate School of Mathematics, Physics and Chemistry Education* and the *Swedish National Graduate School in Science and Technology Education Research* (FontD), respectively. In the introduction, they give an account of how these graduate schools have developed, how they are organized, what they have achieved and challenges they face. They also introduce the articles in the issue. All of them are written by students (present or former) of the two graduate schools. The articles themselves demonstrate the success of the research training in Finland and Sweden. Since doctoral students are essential for progress in research, they also provide an indication of the ‘state of the art’ in our field.

We thank Jari and Helge for the excellent job they have done for NorDiNa in initiating, organizing and editing this special issue, and for the good work they do in educating research candidates in science education. This serves as inspiration for us all.



Berit Bungum



Anita Wallin



Björn Andersson