

HDR Researcher Profile

Name: Nate Siler

School of Education

Program: PhD



Thesis title:

Leading educational jurisdictions in the education of scientific skills– What factors resulted in high levels of science skills in students of the schools of Alberta, Canada?

Thesis Description (key theories and methodologies):

This thesis is currently being completed as being a historical narrative combined with research in the present via interpretivism. There are a myriad of factors that may have had small impacts on the students' performance on benchmark tests; this thesis is placing an emphasis upon three likely primary influences within Alberta: the curriculum, the training of preservice teachers, and the continued professional development of established teachers.

Bio (short):

Nate Siler is an experienced science teacher and counsellor who has taught in Alberta, Canada, in Texas, United States, and most recently in Australian Capital Territory, Australia. The comparisons of similarities and differences between teaching in these three locations has him most interested in making comparisons between the guiding principles of the jurisdictions themselves. While roughly half of his career has been spent teaching science, which ultimately fuels his interest in this field, the other half of his career has been in the counselling of students; this history of counselling is what led him to frequently tour around Alberta speaking to teachers about his research in the field of video game addictions and how teachers/counsellors can assist to initiate plans for parents and their children to find solutions to excessive amounts of time committed to video games.

<http://www.neuronanos.com/>

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