

Using Computer Simulations to Prepare Teachers

Authors : Roberta Gentry

Abstract : The presentation will begin with a brief literature review of the use of computer simulation in teacher education programs. This information will be summarized. Additionally, based on the literature review, advantages and disadvantages of using computer simulation in higher education will be shared. Finally, a study in which computer simulations software was used with 50 initial licensure teacher candidates in both an introductory course and a behavior management course will be shared. Candidates reflected on their experiences with using computer simulation. The instructor of the course will also share lessons learned.

Keywords : simulations, teacher education, teacher preparation, educational research

Conference Title : ICER 2015 : International Conference on Educational Research

Conference Location : Rome, Italy

Conference Dates : March 05-06, 2015