

# **An evidence-based approach to the design of a learning programme: evaluating preliminary data sets**

**Andrea Carr**

University of Tasmania, Tasmania, Australia

A.R.Carr@utas.edu.au

The Global Perspectives (GP) programme is an evidence-based curriculum initiative that integrates the process of designing and implementing an educational programme with a process of planning for scholarship to enable evaluation for quality improvement and research into effectiveness and impact on students' learning outcomes. The GP programme of research was based on the educational evaluation research (EER) framework for evaluating e-learning proposed by Phillips, McNaught, and Kennedy (2012). The framework was used to align the research with the lifecycle of the GP programme learning design, progressing through analysis, design, implementation and evaluation phases. Initial research focuses on evaluation for quality improvement; once the design is mature, the research focus can shift to the effectiveness and impact of the GP programme on students. This paper presents the method and results of a core activity of the EER plan: review data collected during Phases 1 and 2 (pilot and implementation) where the GP programme was embedded into two first-year units in the Faculty of Health Science. We describe the method and discuss the results of our analysis using a protocol for a systematic analysis of each data set in terms of ability to inform learning design, the impact and effectiveness of the GP programme and usefulness of data in terms of contributing to the development of a diagnostic tool to measure cultural competence.