

Effectiveness of Shared Mental Models on the Success of Multi-Institutional Collaboration to Deliver Online Learning Programs

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ABSTRACT

This poster focuses on employing the construct of shared mental models (SMMs) to measure the effectiveness of collaboration in two projects featuring multi-institutional effort to deliver emergent LIS learning programs. Specifically, various teams involved in developing RDMLA (Research Data Management Librarian Academy) and IPI (Interprofessional Informationist) programs were examined. RDMLA is an online training program for practicing librarians and other professionals who engage in data-intensive work. The IPI program is an IMLS-funded post Master's certificate program which aims to provide education and training to bridge the gap between traditional and emergent skills in health sciences librarians. Based on research work on SMMs and teamwork (e.g. Cannon-Bowers, Salas, & Converse, 1993; Marks, Mathieu & Zaccaro, 2001), a framework (Fig. 1) was developed to measure multiple types of mental models. Components of the SMMs will be extracted to identify the association between the degree of sharedness and the successful delivery of learning programs. Findings will benefit LIS educators in their effort of developing community-based collaborative learning programs.

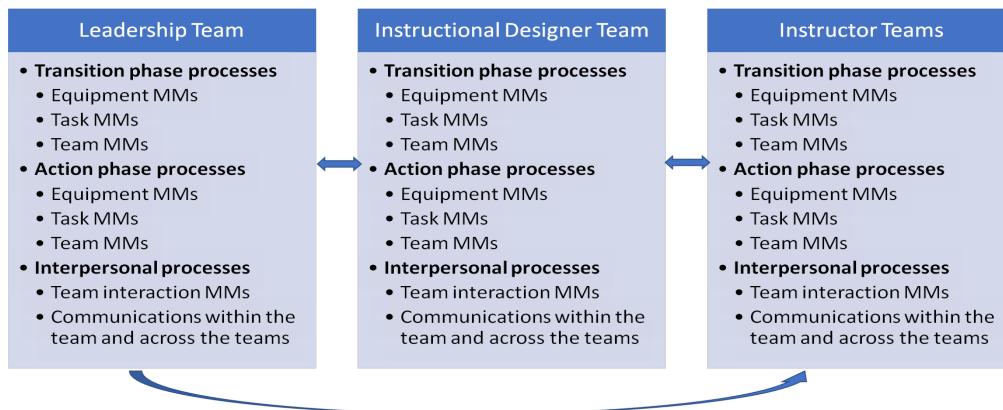


Figure 1. Framework for Measuring Shared Mental Models.

ALISE RESEARCH TAXONOMY TOPICS

computer-supported collaborative work; online learning

AUTHOR KEYWORDS

shared mental models; cross-institutional collaboration; teamwork; team effectiveness