Abstract

This presentation is based on a National Science Foundation grant project, which aimed to develop a cognitively diagnostic assessment (CDA) to better assess middle school students’ ability to reason proportionally using a cognitive diagnosis modeling (CDM) framework. The first part of the presentation provides a brief introduction to CDM, and highlights how CDM as a framework differs from traditional psychometric frameworks. The second part of the presentation focuses on the different phases involved in developing the proportional reasoning CDA. The third part of the presentation compares the results of traditional and CDM analyses of the proportional reasoning data. The presentation concludes with a discussion of the challenges and opportunities in CDM.

Date & Time: Wednesday 28 November 2018, 13:00 – 14:00 (Light lunch begins at 12:30)
Venue: E33-2034, Faculty of Education
Language: English
Audience: UM Staff / Postgraduate Students
Online Registration: https://goo.gl/K8AEsL or QR code
Enquiries: Mr. Alan CHANG (Email: FED_Event@umac.mo / Tel: 8822-4109)

* A Complementary light lunch will be provided.