

# FED ERC Seminar

## Meta Analysis and Its Application in Education / Psychology Research

Date & Time: 14 Dec 2015, 13:00 – 14:00 (Light lunch begins at 12:30pm)

Venue: Room 1004, Faculty of Education (E33)

Language: English

Audience: UM Staff / Postgraduate Students

Enquiries & Registration: Mr. Brendan LEI (FED\_Event@umac.mo); Tel: 8822-4120

*\* Complementary light lunch will be provided.*

### Abstract

This seminar consists of two main parts. The first part entails a brief introduction of Meta analysis. Basic Conceptions of Meta analysis including Effect Size, Homogeneity Test, and File Drawer Problem will be presented at the beginning. Functions of Meta analysis, Process of doing a Meta analysis research will come subsequently. As a key point, a classification framework of Meta analyses in Education/Psychology will be illustrated. In this personal framework, four types of Meta analyses will be elaborated. Correlations between two sets of variables, Scores of a questionnaire, factor loadings matrices of a questionnaire, and correlation matrices of several variables could serve as inputs for different Meta analyses. Base on the personal classification of Meta analysis, the second part of this seminar will give the audience several examples which we did in past decade.

### Speaker



Prof. Huiyong FAN is currently associate Professor at the College of Education in Bohai University, Main land, China. He was trained in the psychology background, and interested in Meta analysis and its application in education/psychology. For the past decade, Prof. FAN has published twenty eight peer-reviewed papers (seventeen of which were indexed by SCI/SSCI/CSSCI) of which eight papers were Meta analysis, and five articles focus on the methodology issues of Meta analysis.