Pragmatic Use of Psychometrics to Enhance Quality of Assessment

Course Description
Producing an assessment to assess student learning involves a chain of events. Psychometrics can provide us with useful information at some critical junctures in this chain of events, so that we could take corrective measures to ensure a valid and reliable assessment. This workshop will systematically identify the critical junctures, at which we need to seek psychometric support, to inform us on the quality of the events that we have thus far carried out. Then, we will work with some of the psychometric tools and procedures that we could employ to provide us information at these critical junctures. Finally, we will interpret the said information and discuss the corrective measures we could take to enhance the quality of assessment.

At the end of this workshop, the participant should be able to:
- Explain the two basic psychometric principles behind all psychometric tools and procedures
- Recognize at which points in an assessment process that psychometric tools and procedures can be useful
- Identify the psychometric tools and procedures that can be used at different points in the process of developing, administering, scoring and evaluating an assessment
- Apply some of the psychometric tools and procedures to select test items, select assessment methods, set the pass mark, and evaluate test items

Interpret the results generated by the said psychometric tools and procedures to take evidence-based assessment decisions to improve the quality of an assessment.

N.B. – It would be ideal if the participants could bring their own charged laptops to this workshop. However, the participants should be able to manage with their mobiles and tablets, even if they are not in a position to bring their laptops. Basically, the participants need to have access to Microsoft Excel or an equivalent spreadsheet (e.g. Open Office Excel, Numbers in Mac, etc.) for some simple calculations.

DATE: 18 June 2018, Monday
TIME: 1.00pm - 5.00pm
VENUE: National University of Singapore,
Multipurpose Hall (MPH) 1, MD 1,
12 Science Drive 2,
Level 3, Singapore 117549

Registration Fees
NUHS STAFF - $168*
Including staff on clinical faculty/adjunct
Others - $193*
*Fees are inclusive of GST
Registration is on a first-come-first-served basis

To register, please go to:
http://medicine.nus.edu.sg/cenmed/wsreg/
Phone: (65) 6516 1522 / 6516 2332
Fax: (65) 6872 1454

*Closing date of registration: 18 May 2018

Lead Faculty
Gominda Ponnamperuma
Assistant Director, CenMED
NUS Medicine
National University Health System

Dujeepa Samarakseke
Director, CenMED
NUS Medicine
National University Health System

Facilitator

SMC CME / CNE / CPE accreditation are being finalised

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