

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.

Lead Faculty

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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 - S\$168*

(Including staff on clinical faculty/adjunct schem

Others - S\$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**



SMC CME / CNE / CPE accreditation are being finalised

Cancellation received on or before 19 Apr 2018 : Full Refund (Less off \$50 admin fee). Cancellation received between 20 Apr to 19 May 2018 : Refund of 50% of the workshop fee. Cancellation received between 20 May to 18 June 2018 : No refund. Any cancellation or replacement must be conveyed in writing to the organiser. Registration can be only confirmed upon full payment. CenMED reserves the rights to change the date / timing / location etc.

Note for NUS Staff: This program is accredited with 0.5 elective hour by Centre for Development of Teaching and Learning (CDTL), NUS. For more details on CDTL accreditation, please contact Ms Doreen Thia at cdtty@nus.edu.sg Fax: (65) 6777 0342