



Workshops on Psychometrics in assessment – what you need to know about psychometrics for the Curriculum 2020

Faculty of Medicine, University of Helsinki
22nd and 23rd of March

Wednesday 22nd March: Workshop on Psychometrics in assessment

Venue: Biomedicum 1, ground floor, meeting room 3

Programme

- 9.00 - 9.05 Opening the seminar: Leila Niemi-Murola
- 9.05 - 11.30 Psychometrics
- 11.30 - 12.30 Lunch
- 12.30 - 13.45 Psychometrics
- 13.45 - 14.15 Coffee
- 14.15 - 14.55 Psychometrics
- 14.55 - 15.00 Wrap-up of the workshop

Register using the following web-based format

<https://elomake.helsinki.fi/lomakkeet/76667/lomake.html>

Thursday 23rd of March: Lecture and workshops on assessment in the Curriculum 2020 – international insight into Progress testing, computerized adaptive testing and item writing

Venue: Biomedicum 1, ground floor, seminar room 3

Programme

- 9.00 - 9.05 Opening the seminar: Leila Niemi-Murola
- 9.05 - 12.00 Carlos Collares: Progress testing and computerized adaptive testing: rationale, educational utility, validity and reliability (lecture and discussion)
- 11.30 - 12.30 Lunch
- 12.30 - 14.00 Item writing (workshop)
- 14.00 - 14.30 Coffee
- 14.30 - 15.55 Blueprinting (workshop)
- 15.55 - 16.00 Wrap-up

Register using the following web-based format

<https://elomake.helsinki.fi/lomakkeet/76668/lomake.html>

Dr Carlos Collares, MD, MSc, PhD
Maastricht University, Department of Educational Research and Development



The Faculty of Medicine and the Teachers' Academy have the pleasure to organize two exciting workshops with Carlos Collares, MD, PhD. Carlos Collares is a physician with a specialization degree in Occupational Medicine, a master degree in Neurosciences, a doctoral degree in Psychology and several advanced courses on Psychometrics and Assessment.

Before working as Assistant Professor at the School of Health Professions of Maastricht University and as Assessment Specialist for the European Board of Medical Assessors (EBMA), Dr. Collares worked 10 years as a medical toxicologist and 5 years as a medical teacher in Brazil. He was brought from Brazil to Maastricht after he decided to apply his knowledge on the validity and reliability of neurobehavioral test batteries to the study of the psychometric properties of the assessment tools used in medical education, particularly progress testing, focusing his efforts on the predictive validity towards external examinations and the estimation of the precision of individual scores.

He has implemented the International Progress Test for EBMA in the Netherlands, Mexico, Australia, Saudi Arabia, Mozambique and now Finland. In Mexico and Finland, he assisted on the implementation of a computerized adaptive version of EBMA's International Progress Test, which, by dynamically adjusting the difficulty of the test according to the test takers' performance, shortens the test, reduces testing time and increases the reliability of scores, especially for students in the early academic years.

The Faculty of Medicine and the Teachers' Academy have the privilege to offer the faculty members two workshops on Psychometrics, Progress testing, Item writing and Blueprinting.

We invite all faculty members interested in examinations and psychometrics to participate in these highly interactive workshops, share their experiences and work collaboratively to enhance research in the fields of medical and dental education.

Warm welcome to the workshops!

Leila Niemi-Murola, MD, MME, Title of Docent
Member of the Teachers' Academy
Clinical Teacher
Anaesthesiology and Intensive Care Medicine/Clinicum
Faculty of Medicine

Eeva Pyörälä, PhD, MME, Title of Docent, PhD, MME
Senior Lecturer in University Pedagogy
Expert Member of the Teachers' Academy Member of the Teachers' Academy
Medipeda, Centre for University Teaching and Learning (HYPE)