

Disciplinary Perspective

Medical Decision Making

Prof. Dr. Brendan Delaney & Dr. Olga Kostopoulou

Tutor:	<p>Professor Brendan Delaney. Chair in Medical Informatics and Decision Making, Imperial College London. Brendan is a practicing GP in London, and has an academic background in Clinical Research Informatics, Clinical Trials, HTA, Modelling and Patient Safety. Brendan's previous appointments include Wolfson Chair of General Practice at King's College London, and Chair, Reader, Senior Lecturer, Lecturer at the University of Birmingham. His main focus of research is on 'The Learning Health System', using informatics tools to link both knowledge generation and knowledge utilization to routine healthcare IT systems.</p> <p>Dr Olga Kostopoulou. Reader in Medical Decision Making, Imperial College. Olga is a psychologist studying judgement and decision making. Her main focus is the application of psychology theory, evidence and experimental methods to the study of medical decisions. She has conducted research on professional judgement and decision making in a variety of healthcare contexts, including dentistry, neonatal and adult intensive care, and primary care.</p>
Date/Room:	<p>Tuesday, March 7, 2017, 13.00 – 17.15 room tbd. Wednesday, March 8, 2017, 09.00 – 16.30 room tbd. University of Lucerne, Frohburgstrasse 3, 6002 Lucerne.</p>
Language:	Course language will be English.
Organizer:	Prof. Dr. Stefan Boes
Registration:	<p>Deadline for registration: February, 27 Maximum number of participants: 20 Please register by email to: phd_healthsem@unilu.ch</p>
Contents:	<p>The aim of this course is to introduce students to the psychology and evidence-base of medical decision making, focussed primarily on the problem of medical diagnosis. We will explore the psychology of diagnostic reasoning and describe methods used to study human judgment in this area. We will consider how evidence for diagnosis is obtained, potential for bias and methods for comparing outcomes of continuous tests and adjusting for lack of independence in multiple testing strategies.</p>
Prerequisites	Participants will receive required literature by email after registration.
Materials:	
Credits	1 ECTS
Notes:	<p>This course is mainly for PhD students and post-docs, other participants may be admitted on request. No registration fee is charged.</p> <p>Prof. Brendan Delaney will also be lecturing a session of the lecture series on "Strengthening Health Systems through Learning Cycles" of the Department Health Sciences and Health Policy. This session, titled "A Learning Health System for Diagnosis", will be on March 8, 2017 from 17:00 – 18:00 in room HS 1 and is open to the public.</p>