

On behalf of the REASON program at the Munich Center of the Learning Sciences (MCLS) we are very happy to announce the guest lecture:



## Validity arguments for learner assessments: Could the evidence convince a jury?

held by David A. Cook, MD, MHPE  
Mayo Clinic College of Medicine and Science

Tuesday 29.05.2018, 14:00 c.t. -16:00, Leopoldstr. 13, Room 3221

### Abstract

Learner assessment is essential in competency-based education, personalized instruction, candidate selection, and many other education activities. But how good are the assessments we're using? How do we define "good"? And what are our assessments good for? In this session, Dr. David Cook will address these questions. He will discuss learner assessment as a diagnostic test, present an "evidence and argument" framework for judging the validity of decisions (diagnoses) based on assessment results, and show how this framework applies to a commonly-used assessment tool. He will discuss the concept of qualitative assessment and explain how validity frameworks apply to this approach. He will conclude by highlighting issues for attention in future research.

### Short bio

David Cook is

- Professor of Medicine and Medical Education in the Mayo Clinic College of Medicine,
- Director of Education Science in the Mayo Office of Applied Scholarship and Education Science,
- Associate Director for Data, Analytics, and Quality in the Mayo Clinic School of Continuous Professional Development,
- Research Chair for the Mayo Multidisciplinary Simulation Center,
- A practicing physician specializing in the diagnosis and treatment of complex medicine problems,

- Deputy Editor for the journal Medical Education,
- Editorial board member for the journals Advances in Health Sciences Education and Simulation in Healthcare.

Dr. Cook received a B.S. in chemistry from Utah State University and an M.D. from the Johns Hopkins University School of Medicine before coming to the Mayo Clinic, where he completed residency in Internal Medicine, a fellowship in General Internal Medicine, and joined the staff in 2004. He subsequently completed a Masters degree in Health Professions Education through the University of Illinois at Chicago - Department of Medical Education.

Dr. Cook's research interests include the theory and design of online learning and other educational technologies, the quality of medical education research methods and reporting, clinical reasoning, and assessment of clinical performance. He has developed and studied multiple online courses for residents and medical students, conducted several systematic reviews, presented at numerous national and international conferences, and published over 160 journal articles and book chapters on medical education topics. He is also the Scoutmaster for his younger son's Boy Scout troop, and serves as a youth leader in the Church of Jesus Christ of Latter-Day Saints. He and his wife Jennifer are the parents of five incredibly wonderful children.

We are looking forward to welcoming many interested participants!

Please register for participation at [reason-enb@psy.lmu.de](mailto:reason-enb@psy.lmu.de) by **2.04.2018**