



OPEN INVITATION

In connection to organizing and hosting the **2nd National Psychometric Workshop for the Health Sciences**, PRO-CARE invites all interested HKR co-workers to attend an invited lecture by Professor Stephen P McKenna (Galen Research, Manchester, UK).

When? May 28, 11.00-12.30
Where? Building 17, Room 418
No pre-registration required

Stephen McKenna received his basic training in psychology, is professor of health psychology, and director of Galen Research Ltd. in Manchester, UK. In the 1970s he was one of the lead developers of the Nottingham Health Profile (NHP), one of the earliest health status questionnaires that is still in use and the first to be based directly on input from lay people instead of professionals. Together with Sonja Hunt, he later developed the needs-based model of quality of life (QoL), which sprung from inductive empirical qualitative work and has theoretical roots tracing back to the 16th century. During the past 25 years Professor McKenna has successfully operationalized the needs-based QoL model through the development of more than 30 QoL and other outcome measures for a wide range of patient populations, coupled with theoretical, methodological and empirical health outcomes research. Since the days of the NHP, Professor McKenna has closely integrated psychometric theory with empirical and theoretical health outcomes research. His team was one of the first to apply the Rasch measurement model in QoL instrument development, and the Rasch model has been a systematic and integral part of their work for the past 15 years, including applications such as item banking, cross-diagnostic test equating, disease-specific health economic utilities and the development of outcome measurement systems incorporating QoL with the World Health Organization's International Classification of Functioning, Disability and Health (ICF).

Professor McKenna will give the following presentation:

Conceptual and psychometric lessons from 35 years of health status and quality of life research

I have had a long time to consider the science of measuring patient-reported outcomes (PROs). While it was always clear to me (and any scientist) that concepts and psychometrics go hand in hand, a review of the recent literature suggests that it is a novel idea – rarely attempted and infrequently achieved. Few articles assessing outcome or instrument development describe clearly what they are trying to measure. The application of modern psychometrics is slow to be introduced with researchers preferring the comfort blankets of internal consistency and factor analysis over the fundamental measurement offered by Rasch analysis. I intend to describe the development of a model of quality of life, the need for quality in instrument development and how Rasch analysis aids in these processes.