

## Short bio

Thilo Kroll, PhD is a Professor of Disability and Public Health Research at the University of Dundee, Scotland (UK). He is also the Co-Director of the interdisciplinary Social Dimensions of Health Institute (SDHI) of the Universities of Dundee and St Andrews. Over the past 20 years he has conducted collaborative and interdisciplinary disability- and health-related research in Europe (Universities of Bremen (Germany), Coventry (England), Dundee (Scotland), the United States (National Rehabilitation Hospital, Washington DC) and the United Kingdom using qualitative and quantitative methods. The work has been published in a wide range of peer reviewed journals, books and book chapters on disability and health-related topics and data collection approaches in the area of disability. In 2007, he received the American Public Health Association Disability Section's New Investigator Award. Thilo's research aligns with three principal strands of work: (1) Topics relating to access of services and opportunities for engagement and participation for people with disabilities; (2) Issues of research participation, study design and inclusive methodologies and (3) health promotion, particularly physical activity support for people with disabilities.

## *Survey methods and scales*

1. **Kroll T**, Keer D, Placek P, Cyril J & Hendershot G (eds) (2007). Towards Best Practices for Surveying People with Disabilities. Hauppauge, NY: Nova Science Publishers.
2. Kratz A, Chadd E, Jensen M, Kehn M, **Kroll T** (2014). An examination of the psychometric properties of the community integration questionnaire (CIQ) in spinal cord injury. *Journal of Spinal Cord Injury Medicine*, Jan 3. [Epub ahead of print].
3. **Kroll T**; Kehn M; Ho P-S; Groah, S. (2007). Short communication: The SCI Exercise Self-Efficacy Scale (ESES): Development and Psychometric Properties. *BMC International Journal of Behavioral Nutrition and Physical Activity*, 34(4), <http://www.ijbnpa.org/content/4/1/34>.

## *Qualitative and Mixed Method Research*

1. **Kroll T**. (2011). Designing Mixed Methods Studies in Health-Related Research with People with Disabilities. *Journal of Multiple Research Approaches*, 5(1), 64-75.
2. **Kroll T** & Morris J. (2009). Challenges and opportunities in utilising mixed methods designs in rehabilitation research. *Archives of Physical Medicine and Rehabilitation*, 90, Suppl 1, S11-S16.
3. **Kroll T**, Barbour R & Harris J (2007). Using Focus Groups in Disability Research. *Qualitative Health Research*, 17(5), 690-698.
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## *Assistive Technology, Communication and Data Collection*

1. Waller A, Menzies R, Herron D, Prior S, Black R, **Kroll T** (2014). Chronicles: Supporting Conversational Narrative in Alternative and Augmentative Communication. *Human-Computer Interaction-INTERACT*, 364-371, Springer: Berlin.
2. Prior S, Waller A, **Kroll T**, Morgan A, Cummins K (2010). Including adults with complex communication needs as actors in forum theatre, *Proceedings of the*

*International Society for Augmentative and Alternative Communication ISAAC.*  
Barcelona, July. ISBN: 978 0 9684186 9 7

3. Prior S, Waller A, **Kroll T** (2011). Focus Groups as a Requirements Gathering Method with Adults with Severe Speech and Physical Impairments. *Behaviour & Information Technology*, 1, doi: 10.1080/0144929X.2011.566939, First posted on: 09 March 2011 (iFirst).

*Other relevant publications*

4. Jahagirdar D, **Kroll T**, Wyke S, Ritchie K (2012). Patient reported outcome measures for COPD: The exclusion of people with low literacy skills and learning disabilities. *The Patient: Patient-Centred Outcomes Research*. doi 10.107/s40271-013-0004-5
5. Jahagirdar D, **Kroll T**, Wyke S, Ritchie K (2012). Using Patient-Reported Outcome Measures in Health Services: A Qualitative Study on Including People with Low Literacy Skills and Learning Disabilities. *BMC Health Services Research*, 12:431 doi:10.1186/1472-6963-12-431
6. **Kroll T**, Jahagirdar D, Wyke S, Ritchie K (2012). If Patient Reported Outcome Measures (PROMS) are considered key Health Care Quality Indicators, who is excluded from participation? *Health Expectations*. DOI: 10.1111/j.1369-7625.2012.00772.x.