

## Konrad Pesudovs

Konrad Pesudovs PhD was the Foundation Chair of Optometry and Vision Science at Flinders University from 2009-2017. He undertook his clinical training at the University of Melbourne (1990), his PhD at Flinders University (2000) before completing postdoctoral Fellowships in Bradford (UK) and Houston (USA). From 2004-2009 he ran the NHMRC Centre of Clinical Research Excellence in Ophthalmology Outcomes Research from the Department of Ophthalmology at Flinders University.



His research interest is ophthalmology outcomes research; incorporating optical, visual and patient-reported measurement into the holistic assessment of ophthalmic outcomes. A key element of this is the development of patient-reported outcome measures including visual disability, quality of life and other latent traits using Rasch analysis. He has developed a number of questionnaires and is the leader of an international project to develop item banking and computer adaptive testing for measuring patient-reported outcomes in ophthalmology (the Eye-tem Bank Project). Another key area of outcomes research is in the measurement of the optics of the eye and visual performance. He has conducted outcomes research in treatments for all the major blinding eye diseases, with particular emphasis on cataract and corneal disease. He also has a strong track record in health valuation and epidemiology particularly with the Global Burden of Disease Study. His h-index is 45 (Institute for Scientific Information) and 57 (Google Scholar).

In 2009, he was appointed Foundation Chair of Optometry and Vision Science at Flinders University and set the task of creating a new 5-year optometry double degree program. The course design incorporated innovative teaching and learning strategies including integrated teaching, case-based learning and other student-centred learning strategies, e-learning, communication skills, business skills, evidence-based practice, simulation, high volume clinical exposure, clinical placements using the parallel clinical consulting model, and regional, remote and indigenous student recruitment and training strategies. All of these teaching and learning strategies were designed to drive graduate quality. Beyond producing a high-quality optometry program, Pesudovs' main contribution to Australian optometry arising from this program was as the architect of a broadly based high volume clinical placement program which has taken clinical training into real world optometry settings and provided high volume training experience (students conducted on average 450 eye examinations during their training). The course was deliberately designed to have a small throughput of students (40 per year), with half of these recruited from regional Australia, to provide an output graduates that supplies the profession in a sustainable way. The Bachelor of Medical Science (Vision Science) /Master of Optometry double degree was accredited by the Optometry Council of Australia and New Zealand and the Optometry Board of Australia for the maximum period (8 years). The first students graduated in 2015. He was the course coordinator of the optometry program, had administrative responsibility for the Discipline of Optometry and oversight of the clinical service: Flinders Vision until resigning at the end of 2017. He was the lead organiser of the annual Evidence-Based Optometry Conference (established 2014). The goal of this annual conference is to transfer evidence-based practice skills to the optometry profession and to encourage patient management using best evidence.

Collaboration has been at the core of his activity in research and education. He has collaborators at numerous institutions in Australia and around the world. The most productive collaborations have been with the Global Burden of Disease consortium, the Swedish National Cataract Register, the Centre for Eye Research Australia, the Singapore Eye Research Institute, The George Institute, Vision and Eye Research Institute, LV Prasad

Eye Institute and Wenzhou Medical College (Visiting Professor). He was a member of the International Consortium for Health Outcomes Measurement (ICHOM) Health Outcomes Measurement for Cataract Surgery working group. He is a member of the Australian Commission on Safety and Quality in Health Care, Cataract Surgery Clinical Care Standard working group, 2017-2018.

He has published over 200 peer-reviewed papers (including 28 in The Lancet), seven book chapters, and over 70 other publications. He has made over 200 presentations at international conferences. His career grant funding is over US\$9million. He sits on 2 journal editorial boards (Journal of Refractive Surgery and Journal of Cataract and Refractive Surgery) having previously sat on 6 others. He was Chairman of the Board of Administration of the National Vision Research Institute (2015-2016). He is a member of the Governing Council of the Australian College of Optometry (2010-), serving as President from 2016-. He has been a Committee Member of the Publications Committee for the Association for Research in Vision and Ophthalmology (2012-2014).

He has won several international awards including the J Lloyd Hewitt Award in 1994 by the editorial board of Clinical and Experimental Optometry and the Australian Optometrical Association. He was awarded the Peter-Abel Preis in 2006 by Die Vereinigung Deutscher Contactlinsen-Spezialisten e.V. (VDC). He was awarded the Waring Medal in 2006 by the International Society of Refractive Surgery. He was awarded a Young Tall Poppy Science Award, South Australia, for 2007-2008 by the Australian Institute of Policy and Science. He was awarded the Irvin M. and Beatrice Borish Award by the American Academy of Optometry in 2008. He was awarded the Garland Clay Award by the American Academy of Optometry in 2009 and again in 2011. He shared The American Public Health Association Vision Care Section 2014 Outstanding Scientific Paper Award with the Vision Loss Expert Group of the Global Burden of Disease 2010.

Online Biography:

[https://en.wikipedia.org/wiki/Konrad\\_Pesudovs](https://en.wikipedia.org/wiki/Konrad_Pesudovs)

Full list of publications:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1ZwADlgHidvAw/bibliography/41500965/public/?sort=date&direction=ascending>