# SUMMARY CURRICULUM VITAE: Keith Charlton

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#### **Professional Education:**

- Doctor of Chiropractic degree 4/'75 from National College of Chiropractic, Lombard, Illinois.
- Diplomate of the (US) National Board of Chiropractic Examiners 4/75.

## **Private Practice of Chiropractic:**

- London, England 4/'75 -2/'76; Oxford, England 9/'93 4/'98
- Darwin, Northern Territory ("the flying chiropractor") 2/76 7/76
- Brisbane, Queensland 7/'76 -7/'93 and 7/'98 to present.

## Memberships:

- American Chiropractic Association '75 '86
- British Chiropractic Association '75 '85, and 9/'93 12/'95
- Australian Chiropractors' Association '76 7/'93
- Canadian Chiropractic Association '83 '87
- Scottish Chiropractic Association '96 '98
- Society for Clinical Trials '87
- Fellow of the American Back Society '89
- Oxford Spinal Research Group '97 '98
- Chiropractors' Association of Australia "98 '02, '04 '07, '08 '15
- Chiropractic and Osteopathic College of Australasia '98 to present (A Certified Practising Member ... a senior accolade)
- Chiropractic Australia 2015
- Australasian Association of Musculoskeletal Medicine (lapsed)
- International Association for the Study of Pain (to 2015)

#### **Political Activities:**

- Secretary, Queensland Branch, Aust Chiropractors' Assoc '77 '78
- President, Queensland Branch, Aust Chiropractors' Assoc '78 '84 (in this office I played a key part in securing legislative recognition in 1979 for the profession in Queensland).
- Queensland Branch Delegate to the Federal Executive Committee of Aust Chiro Assoc '79

   '83.

## **Appointments:**

- **Health Minister's nominee** to the Queensland Chiropractic Registration Board '82 '90. (In this position, I set and graded clinical examinations for chiropractors and osteopaths required by the Board to be tested for clinical competence before they were allowed to practise. Twice I was a member of institutional inspection teams which examined the chiropractic and osteopathy undergraduate degree programs at the Phillip Institute of Technology (now RMIT) for accreditation of their qualifications to practise in Queensland (the other members were the Deputy Director General for Health and the Professor of Social and Preventive Medicine at the University of Queensland Medical School. Further, I served three times on the same inspection team examining the degree programmes at Sydney College of Chiropractic, now at Macquarie University).
- **Examiner** for the Queensland Department of Health, Division of Health and Medical Physics, Radiological Advisory Council '85 '93. (I set and marked examinations in radiation physics and radiographic practice, with a radiographer and physicist. I am the only chiropractor who has ever held such a position).
- Member, Editorial Review Board of the Chiropractic Journal of Australia '86 to 2007.
- Visiting Fellow, Division of Science and Technology, Griffith University 7/'88 12/'88
- **Honorary Fellow**, Division of Science and Technology, Griffith University 1/'89 10/'89 (These last two appointments mark the first time anywhere in the world that a chiropractor has been appointed to a senior university post on the basis of a DC degree to design a portfolio of research and educational activities for chiropractors).
- **Member** Editorial Board of the (US) *Journal of Manipulative and Physiological Therapeutics* '89 '02.
- **Sessional lecturer** on chiropractic in the Family Medicine programme of the Royal Australasian College of General Practitioners. '89.
- **Examiner** for fifth year medical student research projects, University of Queensland '90.
- Member, Editorial Board Philosophical Constructs for the Chiropractic Profession '91.
- *Member*, Editorial Board *Journal of Chiropractic Humanities* current
- Member, Editorial Board The Back Letter for Chiropractors '91 '94.
- Member, Editorial Board, Chiropractic & Osteopathy
- **Governor**, Australian Spinal Research Foundation '92 '93.
- Research Advisor, Australian Spinal Research Foundation '92 '93.
- Visiting lecturer in Clinical Science, Macquarie University, '93.
- Principal Research Supervisor for Macquarie University Master's degree candidate '93.
- *Invited contributor*, University of Oxford Medical School curriculum development committee '94 '95.
- **Sessional Lecturer**, Dept Public Health and Primary Care, Medical School, Oxford University '94 '97.
- Advisor on chiropractic education, Oxford Brookes University, 3/'96.
- Member of expert committee elaborating Evidence Based Guidelines for the Management of Acute Musculoskeletal Pain for the National Health and Medical Research Council (Australia's NIH) '02 – '03.
- **Member** of expert committee elaborating Evidence Based Guidelines for the Management of Acute Pain with the College of Anaesthetists, Royal Australasian College of Physicians, for the (Aust) National Health and Medical Research Council '04 '05.
- Graduation Speaker, National University of Health Sciences, Chicago, 4/'07.
- Fellow, International College of Chiropractors 4/'07.
- Fellow, Royal Society of Medicine (UK) 2/'08.

- **Member** of expert committee elaborating Evidence Based Guidelines for the Management of Acute Pain with the College of Anaesthetists, Royal Australasian College of Physicians, for the (Aust) National Health and Medical Research Council '09.
- Fellow, Australasian Academy of Functional Neurologists '09.
- Adjunct Faculty National University of Health Sciences, Chicago 2010.
- Professor (adjunct) School of Medical and Applied Sciences, Central Queensland University 12/2016

### Other Educational Activities:

- Convener and Originator of the Brisbane Spinal Study Group, an interdisciplinary body promoting excellence in knowledge of the human spine '84 '93, '04 '05.
- Graduate studies for credit, in History and Philosophy of Science and Problems and Methods in Research, Griffith University 1/'86 – 5/'86.
- Courses for credit in Statistics and Multivariate Statistics, Griffith University 6/'86 11/86.
- *Master of Philosophy* degree, Griffith University '92. (Thesis titled "Approaches to the demonstration of vertebral subluxation in the human cervical spine."). Supervisor Professor Nikolai Bogduk.
- Attendances and visits to symposia and centres of research locally and overseas:
   Prof Alf Nachemson in Gothenburg, Sweden 6/84; Prof William Kirkaldy-Willis at
   Saskatoon, Saskatchewan 1/85; Anatomical Society of Australia Spine Symposium, Perth
   6/85; Australian Pain Society Symposium in Brisbane 3/86; Presented four papers at the
   World Federation of Chiropractic meeting in Sydney 10/88; Presented four papers at the
   joint meetings of the American Back Society and the World Federation of Chiropractic in
   Toronto 4/91; Invited speaker at the Australian Chiropractors' Association Annual
   Conference, on Philosophy, in Alice Springs 10/91;
- **Keynote Speaker** at the AGM of the New Zealand Chiropractic Association in Wellington, 6/'92:
- Keynote speaker at the AGM of the Scottish Chiropractic Association in Edinburgh 11/'95;
- **Keynote speaker** at the World Congress of Chiropractic Students in Melbourne '06.
- *Fellow in Clinical Epidemiology*, Centre for Clinical Epidemiology and Biostatistics, Medical School, Newcastle University, Callaghan, New South Wales '92 '93.
- Doctor of Philosophy (thesis title Normal Neck Motion) in Graduate School of Medicine, Univ of Queensland, advisors Professor Ken Donald, Emeritus Dean of the Faculty of Medicine, Queensland University; Professor Nikolai Bogduk, Emeritus Professor of Pain Medicine and former Head of the Newcastle Bone and Joint Institute, Department of Clinical Research, Newcastle University '02 to present. Degree awarded 10/15.
- Master of Pain Medicine degree, Newcastle University Medical School, December 2006.
- Certificate in Plant Based Nutrition eCornell University, New York, Feb 2012.
- Advanced Certificate of Competency in Whiplash Traumatology Spine Research Institute of San Diego '15.

## Peer Reviewed Indexed Publications (others in outlets not peer reviewed):

- 1. Charlton KH. (Letter to the Editor) Med J Aust 1985; 142:168.
- 2. Charlton KH. "The nature and environment of knowledge production, chiropractic theory and future progress." *J Aust Chiropractor's Assoc* 1986; 16 95-8.

- 3. Charlton KH. "Data and dogma: the use and abuse of information". *J Aust Chiropractor's Assoc* 1987; 17:46-8.
- 4. Charlton KH. "Popper-Kuhn debate: a consideration of some of the implications for the philosophy of science and the chiropractic investigative community". *J Manipulative Physiol Ther* 1988; 11:224-7.
- 5. Charlton KH. "Approaches to the demonstration of vertebral subluxation: I. Introduction and manual diagnosis: a review". *J Aust Chiropractor's Assoc* 1988; 18:46-9.
- 6. Rock BA, Maxwell RM, Charlton KH. "Tribes and Paradoxes: construction of a chiropractic scientific knowledge base" *J Aust Chiropractor's Assoc* 1989; 19:46-8.
- 7. Charlton KH, Sheehan M. "Proposed masters degree in chiropractic science: an interest survey". *J Aust Chiropractor's Assoc* 1989; 19:97-100.
- 8. Charlton KH. "Caves and wizards and the state of the petunia patch". *J Manipulative Physiol Ther* 1990; 13:343-5.
- 9. Charlton KH. "A Traveler's Guide to Philosophy for the Chiropractic Profession". *Philosophical Constructs for the Chiropractic Profession* 1991; 1:18-20.
- 10. Charlton KH "Hit and Myth". Chiropr J Aust 1991; 21:58-61.
- 11. Charlton KH. "A Pox on all your Houses." Chiropr J Aust 1991; 21:176-8.
- 12. Charlton KH. Letter to the editor. BMJ 2002; 325:1134b (electronic reply).
- 13. Charlton KH. "Silence is not golden: it's consent" (Guest editorial) *Chiropr J Aust* 2003; 33:81-2.
- 14. Charlton KH. "Foolosofy" The Australian Chiropractor magazine, August 2004.
- 15. Keating JC, Charlton KH, Grod JP, Perle SP, Sikorski D, Winterstein JF. "Subluxation: dogma or science?" *Chiropr Osteopat* 2005 13, 17.
- 16. Charlton KH. "A Chiropracticness test". Chiropr Osteopat
- 17. Charlton KH. "Hypothesis: chronic non-disease axial musculoskeletal pain does not exist outside the neuraxis". *Chiropr J Aust.* 2011; 41:61-3
- 18. Charlton KH. "Ionising radiation dose from cervical spine radiography". *Chiropr J Aust.* 2011; 41:61-3.
- 19. Charlton KH. "The notion of vertebral subluxation and the epidemiology of neck pain." Submitted for publication.
- 20. Charlton KH. "A review of imaging sagittal plane local joint motion rotational amplitudes of the mid and lower cervical spine." Submitted for publication.
- 21. Charlton KH. "A review of the instantaneous centres of rotation in mid and lower cervical spine, and their imaging." Submitted for publication.

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