

## Dr Nikki Petty - BIOGRAPHY



Nikki Petty qualified as a Chartered Physiotherapist from Newcastle Polytechnic in 1979. She completed a Graduate Diploma in Manipulative Therapy in Melbourne Australia which was later upgraded up to an MSc from Coventry University. She is currently Principal Lecturer at the School of Health Professions, University of Brighton. Her main roles are Programme Leader of the Professional Doctorate in Health and Social Care and Course Leader of the MRes (Clinical Research). She also teaches research methods and neuromusculoskeletal physiotherapy at postgraduate level.

She is on the international advisory board and a reviewer for *Manual Therapy*, an international journal of musculoskeletal therapy and has served on the advisory board of the *Journal of Manual and Manipulative Therapy*. She is a Fellow of the Higher Education Academy and the Musculoskeletal Association of Chartered Physiotherapists. She is Hub leader for Surrey and Sussex Allied Health Professions Research Network (AHPRN).

She has written two successful textbooks on neuromusculoskeletal examination and assessment, and neuromusculoskeletal treatment and management which have been translated into 5 languages. She has presented widely at conferences in the UK and abroad, with several as an invited speaker. She was course leader of the MSc in Neuromusculoskeletal Physiotherapy at the University of Brighton from 1998 to 2009. She completed a professional doctorate in physiotherapy in 2009; her thesis was entitled 'towards clinical expertise: learning transitions of neuromusculoskeletal physiotherapists'.

## **Akmi Metropolitan College, Athens**

**2<sup>nd</sup> November 2013**

### **LECTURE**

#### **Theory underpinning clinical reasoning for people with low back pain (1 hour)**

The types of knowledge used in clinical practice will first be reviewed. How therapists use knowledge will depend on how they conceive their clinical practice; the technical-rationale view and professional artistry view will each be briefly explored. The view of practice held by those with expertise will be clarified. This will lead to an overview of the various types of clinical reasoning used with patients. One of these, diagnostic reasoning, will be further explored looking at pros and cons of hypothetico-deductive and pattern recognition.

### **WORKSHOP**

#### **Interpretation of findings in a clinical paper case study of a person with low back pain(1 hour 45 minutes)**

This workshop provides an opportunity for delegates to explore together their clinical reasoning in relation to diagnostic reasoning in musculoskeletal physiotherapy. A paper case study for a person with low back pain will be used to facilitate this. Participants will work together in small groups to share their interpretation of the subjective and physical examination findings and their deliberations will be facilitated by the tutor. Once participants have the complete examination findings, they will be asked to consider and share their clinical diagnosis. This workshop aims to use peer learning to facilitate and enhance the clinical reasoning and decision-making process of participants.