SPCR MENTOR BIOGRAPHIES

Clare Bankhead

Clare Bankhead is a University Research Lecturer in the Nuffield Department of Primary Care Health Sciences, University of Oxford.

After obtaining her first degree in physiology, Clare spent five years working in the ARC Epidemiology Research Unit, University of Manchester where she obtained her MSc in Epidemiology and Medical Sciences which focused on the diagnosis of rheumatoid arthritis. Clare moved to the University of Oxford in 1996 and joined the Primary Care Education Research Group , where she developed her career in cancer screening, awareness and symptoms. Whilst she was part of this group, Clare undertook her DPhil studies investigating the symptoms associated with a diagnosis of ovarian cancer. In 2006, Clare took a period of maternity leave and then subsequently returned to work, in a part-time capacity.   In 2008, Clare moved to the new Oxford Centre for Monitoring and Diagnosis (MaDOx), within the Nuffield Department of Primary Care Health Sciences.

Clare is a senior epidemiologist with a special interest in statistics and research design. Her main research interests focus on cancer diagnosis, chronic disease monitoring and interventions to improve health related behaviours. During her research career she has utilised a vast range of different methodological approaches including RCTs, epidemiological studies, qualitative methods, mixed methods, systematic reviews and individual patient data (IPD) systematic reviews and meta-analysis.

Currently, Clare is Deputy PI on a new five-year NIHR Programme Grant on Monitoring Long-term Conditions. She is also the Epidemiology/Methodology lead of a new research group which is undertaking research using large routine databases, such as the Clinical Practice Research Datalink.

Clare also undertakes a teaching role within the University and is responsible for co-ordinating a core module of the Masters in Evidence Based Health Care. She supervises both MSc and DPhil Students and is a Fellow of Kellogg College, Oxford.

Clare understands the challenges of working part time whilst maintaining an academic career.

Rebecca Barnes

Rebecca Barnes has been a Research Fellow in Primary Health Care at the University of Bristol since 2012. She works within the Centre for Academic Primary Care in the School for Social & Community Medicine. Rebecca's undergraduate degree was in Psychology from the University of Plymouth. She went on to complete a Postgraduate Diploma in Psychological Research Methods and a PhD in the same institution. Her main expertise lies in qualitative research methods. In 2002 she won an ESRC Postdoctoral Fellowship Award which she used to develop her skills in conversation analytic methods by attending a taught summer school at the University of California, Santa Barbara.

After this she worked with Professor Charles Antaki in the Social Sciences Department at Loughborough University on an ESRC funded study of psychotherapy interactions and then moved to the Peninsula College of Medicine & Dentistry. Here she worked her way up from postdoctoral researcher to senior research fellow in clinical education. Whilst here she became a pastoral tutor for undergraduate medical students, was an early career researcher representative on the Research and Innovation Committee, and supervised postgraduate research students from a mix of disciplinary backgrounds including social psychology, clinical psychology, medicine, social science and speech and language therapy. With the support of Professor Nicky Britten and the Foundation for the Sociology of Heath and Illness, she also instigated the biennial *'International meeting on conversation analysis and clinical encounters.'*

Rebecca has always had an interest in studying communication in medical care and was very happy to move to Bristol when a qualitative primary care research fellow post came up. Since taking up her post she has relished the opportunity to embrace being a primary care social scientist and to experience the role of being chief investigator on her own NIHR-funded projects. She has also developed a new short course in Bristol entitled '*Introduction to using conversation analysis to study health care encounters'*; a mindfulness training

course for trainee GPs in the Severn Deanery School of Primary Care; and is currently sharing the post of SPCR training lead.

Carol Coupland

Carol Coupland is an Associate Professor and Reader in Medical Statistics (part time) in the Division of Primary Care at the University of Nottingham.

Carol has a degree in mathematics from Exeter University and an MSc in biometry from Reading University. She worked at the MRC Environmental Epidemiology unit in Southampton before moving to the University of Nottingham where she completed her PhD.

Her research focusses on the design and analysis of studies based in primary care, including large epidemiological studies using primary care databases and cluster randomised trials. Her research projects include several into the unintended adverse effects and benefits associated with commonly prescribed medications, such as antidepressants and medications for diabetes. She also carries out research into the development and validation of algorithms for prediction of disease risk. Other work includes research into the epidemiology and prevention of injuries.

Carol is involved in teaching statistics to Masters in Public Health students, PhD students and dermatologists. She has supervised a number of PhD students and is the coordinator for postgraduate students in the Division of Primary Care in Nottingham.

David Kessler

I am a Senior Lecturer in Primary Care in the School of Social and Community Medicine (SSCM) at Bristol University.

My first degree is in English Language and Literature. When I left University I worked for two years with homeless alcoholics in London before going to Medical School at St Bartholomew's in London.

After graduating I worked in general hospital medicine and paediatrics before training as a psychiatrist at the Institute of Psychiatry. I became a member of the Royal College of

Psychiatrists in 1989. In 1991 I became a member of the Royal College of General Practitioners and in 1992 took up a full time partnership in a GP practice in Bedminster in Bristol. I have worked there ever since and have been senior partner for the last 5 years. I still do three surgeries a week.

I started doing research in 1999. My research came naturally out of my clinical work, and began with questions about the identification of common mental disorders in primary care, and patients' attribution of their symptoms. In 2000 I was awarded the RCGP/MIA fellowship and this allowed me more time for academic work. I also joined the SSCM at Bristol University. My MD was awarded in 2003.

My research is about mental health in primary care, particularly depression and anxiety. I am interested in cognitive behavioural therapy, and in integrating computers, smart phones and tablets into therapy. I am also interested in treatment resistant depression and am increasingly involved with research in psychosis and autism, especially patients in these groups with mood disorders. My methodological strength is mainly in clinical trials.

I supervise PhD students and am mentoring Academic Clinical Fellows and post-doctoral non-clinical researchers. I was a member of the NICE guideline development group for depression in adults with a chronic physical illness.

I realise my career pathway is unusual but I think this gives me some breadth and perspective and I would like to put that to use in mentoring.

George Lewith

George Lewith is Professor of Health Research at the University of Southampton in the Department of Primary Care. His first intercalated degree was in biochemistry and he subsequently went on to qualify in medicine at Westminster Hospital, London, training both as a physician and a GP. He developed an academic and clinical interest in complementary medicine after training in China as an acupuncturist in 1978 in Nanjing and completed his MD in clinical trial methodology for acupuncture. He established an integrated medical practice in Southampton and London developing a range of clinical skills within complementary medicine; he left full time NHS practice in 1983 establishing a mixed NHS (contract based) and private practice.

George Lewith was first appointed as a lecturer in Primary Care in 1979 and has published and received grants consistently over the last 35 years. He is currently involved in a range of projects which include studies on mindfulness interventions and cancer (in particular, breast and prostate cancer), understanding the placebo effect and linking the placebo literature to that around the therapeutic interaction in primary care consultations, a continuing long-term interest in acupuncture research, a number of projects evaluating the specific efficacy of Chinese herbal medicines in chronic, long-term conditions and Western herbs in acute infections as well as a variety of projects within the field of nutritional medicine. He has published over 300 papers and a number of books on Acupuncture and CAM research methods as well as having been a very active clinician until 2012. He has supervised and mentored a number of post docs, has had 14 successful PhD students and is currently supervising 5 doctoral students. He has wide experience of peer review (both grants and papers) and has worked as a consultant for WHO, FDA and the NIH.

Among his current interests are sitting on the board of the Council for Natural Health Care, developing resilience programmes for foundation doctors, engagement with the NHS Staff College (a management training organisation) and mentoring academics within the School for Primary Care Research as the education lead for Southampton. George Lewith has a broad range of experience involving clinical practice, a variety of commercial activities, and over 30 years of academic work in primary care with particular interest in complementary medicine.

Elizabeth Murray

Elizabeth has just been promoted to Associate Professor in Public Health in the Division of Primary Care at the University of Nottingham and is an Acting Consultant in Public Health at Leicestershire County Council.

She began her career in the field of hearing research at the University of Keele where she completed a PhD in 1996 investigating the cellular mechanisms of sensory hair cell degeneration and repair. After a short-term lectureship in neuroscience at the University of Sheffield she moved to the Loeb Research Institute, Canada, as a postdoctoral fellow to study the genetics of inner ear development and then continued this work back in the UK at the MRC Institute of Hearing Research at the University of Nottingham.

In 2003 she left research and joined the senior management team of the National Newborn Hearing Screening Programme where she led aspects of its implementation in England and

established the programme's quality assurance systems. Working in the NHS, in screening, opened up doors in public health and in 2008 she began public health specialty training in the East Midlands as a non-medical Registrar. Whilst undertaking her Masters in Public Health she was drawn back to academia and in 2010 was appointed a part-time lectureship in Public Health in the Division of Primary Care at the University of Nottingham, working as part of the Injury Epidemiology and Prevention group. She continues to work half time in service public health work and half time in research.

Her research interests include injury prevention and also alcohol-related harm using both qualitative and quantitative methods. She is also leading a Cochrane review and part of a multi-centre randomised controlled trial and an evaluation of a community case management service for people who are alcohol dependent.

Elizabeth Orton

Elizabeth is an Associate Professor in Public Health in the Division of Primary Care at the University of Nottingham and is a Consultant in Public Health at Leicestershire County Council.

She began her career in the field of hearing research at the University of Keele where she completed a PhD in 1996 investigating the cellular mechanisms of sensory hair cell degeneration and repair. After a short-term lectureship in neuroscience at the University of Sheffield she moved to the Loeb Research Institute, Canada, as a postdoctoral fellow to study the genetics of inner ear development and then continued this work back in the UK as a postdoctoral fellow at the MRC Institute of Hearing Research at the University of Nottingham.

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Her research interests include injury epidemiology and prevention and also alcohol-related harm using both qualitative and quantitative methods. She has undertaken a Cochrane review of school-based interventions to prevent injuries, is leading a study of the implementation of a falls prevention programme and collaborating on a range of studies using primary care data. She is a PhD, Academic Clinical Fellow and MSc supervisor as well as an Educational Supervisor for both Public Health and Sports and Exercise Medicine registrars. Her public health service portfolio includes physical activity, obesity, oral health, work and health and tobacco control.

Danielle van der Windt

Danielle van der Windt is Professor of Primary Care Epidemiology at the Institute for Primary Care and Health Sciences of Keele University.

She was trained as an epidemiologist in Amsterdam, and worked with the EMGO Institute for Health and Care Research and Department of General Practice of the VU University Medical Centre for 17 years. She obtained her PhD in 1997 in Amsterdam, continued as postdoc researcher, lecturer and senior lecturer, and became member of the management team of the Department of Primary Care in 2003, representing the research group. In 2006 she started working part-time at the Arthritis Research UK Primary Care Centre of Keele University while still continuing her work in Amsterdam. In 2009 she moved fulltime to the Keele.

Her research activities focus on the epidemiology of pain in the community, and the diagnosis, prognosis and management of musculoskeletal disorders and other common symptoms in primary care. She has been involved in the design and conduct of several prospective cohort studies investigating the influence of physical, occupational and psychosocial factors on the prognosis of several musculoskeletal conditions, and has led (cluster) randomised trials on the effectiveness of primary care interventions for back pain, shoulder pain, tennis elbow, and other conditions. She has successfully supervised 16 PhD students with a range of clinical and methodological backgrounds.

Danielle has a strong interest in research methodology, in particular the concepts, methods, and clinical impact of prognosis research. She leads a 3-day annual international course on prognosis research at Keele. Other interests concern trial methodology and the methodology of systematic reviews of diagnostic, prognostic and intervention research. She provides

methodological support to health care professionals and researchers to undertake research on common musculoskeletal pain conditions, and has been involved in the development of clinical guidelines in this field. Danielle is section editor (Epidemiology) for the European Journal of Pain, and member of the Cochrane Editorial team for systematic reviews of Diagnostic Test Accuracy studies.