

KEYNOTE LECTURE

PROFESSOR JONATHAN GRANT BSc (Econ), PhD

The Keynote Lecture at the BSODR 2017 Annual Meeting in Plymouth is to be delivered by Professor Jonathan Grant, Director of the Policy Institute at King's College London. His lecture – *Assessing the impact of biomedical and health research* – will look at why it is important to be able to assess the impact of biomedical and health research, and the different approaches for doing so. It will examine case studies from the UK Research Excellence Framework, including a sub analysis of those relating to dentistry, as well as reviewing other quantitative approaches. In conclusion, it will be argued that while research funding is effective in improving health, that same is not true for its efficiency in light of concerns about research waste.



Jonathan Grant is Assistant Principal for Strategic Initiatives & Public Policy at King's College London, and Professor of Public Policy in the Policy Institute at King's. Jonathan was Director of the Policy Institute between February 2014 and 2017, and under his leadership it acquired a national and international reputation as a centre of excellence for facilitating the translation of research into policy and practice. The Policy Institute was profiled in the Times Higher Education Supplement and is seen as a 'model' by other universities worldwide. He was appointed Assistant Principal for Strategy in October 2015, tasked with leading the development a new Strategic Vision for King's, which was published in January 2017. Subsequently, Jonathan was invited to oversee the implementation of the Strategic Vision, as Assistant Principal for Strategic Initiatives & Public Policy. Jonathan is a member of the Senior Leadership Team for the university.

Jonathan's main research interests are on biomedical and health R&D policy, research impact assessment and the use of research and evidence in policy and decision making. Jonathan has significant international experience providing analytical support on the formulation and implementation of R&D strategies in, for example, the UK, Greece, Norway, Qatar, Oman, Australia, Canada and the USA. Recent studies that Jonathan has led include: an assessment of the impact case studies from the UK Research Excellence Framework; a project estimating the economic returns from cancer-related research in the UK; and a study looking at the economic spillovers from public funded biomedical and health research.

Jonathan co-founded the International School on Research Impact Assessment, is an advisor to Giving Evidence, an organisation that aims to ensure charitable giving is based on sound evidence, and a Trustee and Chair of the Grants Committee for Fight for Sight, a UK-based medical research charity that dedicated to pioneering eye research. In 2013, he co-authored a book, 'The Drugs Don't Work', on the global threat of antimicrobial resistance. The book, written in collaboration with the Chief Medical Office of England, Professor Dame Sally Davies, and an expert in infectious diseases, Prof Mike Catchpole, was serialized by The Sunday Times and featured in the New Statesman and The Scotsman.

Jonathan was President of RAND Europe between June 2006 and October 2012, where he

oversaw the doubling of RAND Europe's activity in Europe, the founding of a vibrant and successful office in Brussels, and the establishment of the Cambridge Centre for Health Services Research, a joint venture with the University of Cambridge. Prior to joining RAND in 2002, Jonathan was Head of Policy at the Wellcome Trust. Jonathan received his Ph.D from the Faculty of Medicine, University of London and his B.Sc. (Econ) from the London School of Economics.

GRAHAM EMBERY LECTURE

PROFESSOR MICHAEL A. O. LEWIS PhD, FDSRCPS, FDSRCS (Eng), FRCPath, FFGPP (UK), FHEA

The Graham Embery Lecture at the BSODR 2017 Annual Meeting in Plymouth will be delivered by Professor Mike Lewis, Professor of Oral Medicine at the School of Dentistry, College of Biological Sciences, Cardiff University. His lecture – *My war against the oral microbiome* – will describe his clinical and laboratory based research targeted against bacterial, viral and candidal infections of the orofacial tissues over a period of 35 years.



Mike undertook his undergraduate clinical training in Dundee and his specialist training in Glasgow. Mike received his PhD from the University of Glasgow in 1987. He holds Fellowships of Royal College of Physicians and Surgeons of Glasgow, Royal College of Surgeons of England, Royal College of Pathologists, Faculty of General Dental Practice and Higher Education Authority.

Mike stood down as Dean of School of Dentistry at Cardiff University on July 31st 2017, having served in that role since 1st August 2010, to return fully to his substantive post as Professor of Oral Medicine. He is also Director of the Dental Clinical Board of Cardiff & Vale University Health Board.

Mike has a long association and involvement with BSODR, attending his first meeting in 1984 in London and has attended regularly since that time. He was Chair of the Oral Medicine and Pathology Group (2004 - 2007) and a Council Member of the Oral Microbiology and Immunology Group (1994-1997). Mike has served a member of the BSODR Management Committee (1997 - 2001) and was President of BSODR (2014 - 2016). In 2002, Mike was the Chairman of the Organising Committee for the Inaugural Meeting of the Pan-European Federation of the IADR 2002, which was held in Cardiff. With regard to International Association for Dental Research, Mike served as a Member of the Hatton Awards Committee (2001-2004), Chairman of the Pre-doctoral Hatton Award Committee (2004), Member of the William J Geis Award Committee (2007-2010) and President of the Oral Medicine and Pathology Group (2012).

Mike has published over 200 scientific articles and co-authored six medical textbooks. He has delivered more than 500 postgraduate lectures worldwide. In addition, he has served as President of the British Society for Oral Medicine, Dental Member of the Advisory Council for Misuse of Drugs (Home Office) and Dental Member of the Scientific Advisory Committee on Antimicrobial Resistance and Healthcare Associated Infection (Department of Health). Mike is also a past Dean of the Dental Faculty of the Royal College of Physicians & Surgeons of Glasgow.

BDA LECTURE

The BDA Lecture will be jointly given by Peter Dyer (BDA President) and Stephen Skelton (BDA Senior Policy Advisor).

Peter and Stephen will update delegates on some of the strategic issues currently affecting dentistry. Included in this will be an update on reforms to hospital employment contracts and the future of some of the smaller specialties.

Peter graduated in dentistry from the Royal Dental Hospital in 1979 during which time he was the president of the British Dental Students' Association and in medicine from University College Hospital, London in 1988. He completed his training as a senior registrar at the Royal London Hospital and was appointed consultant in oral and maxillofacial surgery to the University Hospital of Morecambe Bay NHS Foundation Trust in 1998 with a special interest in trauma and orthognathics. He is now the Responsible Officer for the Trust. He is Chair of the Central Committee for Hospital Dental Services and President of the BDA for 2017/18.

After gaining undergraduate and postgraduate degrees in politics Stephen took up a post at the BDA. He was initially involved with the CDS and dental academics and later his role was expanded to also encompass hospital dentists and wider BDA governance.



Peter Dyer (BDA President)



Stephen Skelton (BDA Senior Policy Advisor)

TC WHITE LECTURE

DR ANWEN COPE BDS, PhD

Title: Understanding antibiotic prescribing in primary dental care in the UK

Summary: Antibiotics are frequently used in the management of acute dental conditions in primary dental care, however there is evidence that the majority are prescribed either in situations which do not warrant their use, or as a substitute to definitive operative treatment. *What are the reasons for this, and why do some dentists prescribe far more antibiotics than their peers?* This lecture will describe studies undertaken to try to understand decision making around antibiotic use in primary dental care and to explore the reasons why dentists may not follow clinical guidelines regarding prescribing. It will also consider how greater understanding of the drivers of inappropriate antibiotic use can be utilised in the design of interventions to optimise antibiotic prescribing in dentistry.



About Anwen: Anwen Cope is a Specialty Trainee in Dental Public Health at Cardiff and Vale University Health Board in Wales. She graduated from Cardiff University in 2009 and worked in primary and secondary care dental services in South Wales before returning to Cardiff University in 2011 to undertake postgraduate research. She was awarded her PhD in 2015. Her research seeks to understand how antibiotics are used in the management of acute dental problems in primary care. She started specialty training in the NHS in September 2015 and currently holds a Clinical Research Time Award from Health and Care Research Wales.