



University
of Glasgow

Perspectives on COVID-19 and Risk - Online Summit, 10th November 2020

A half day aiming to clarify dilemmas in medicine and public perception of COVID-19 risk:

Does unemployment create a bigger societal risk to health than COVID-19?

Are scientific approaches to individual and societal risk to COVID-19 challengeable?

What long-term approach to risk should medical leaders take to the public?

Do people understand risk? By decreasing one risk are we increasing another?

Target audience – senior policy leaders within health, government, and industry

2pm **Welcome** Lord Blunkett, SOM Patron

Introductory overview – Professor Ewan Macdonald OBE, University of Glasgow - Why is this important?

2.15pm Dr Oliver Morgan, Director, WHO Health Emergency Information and Risk Assessment **Balancing risk in Health, Economy and Society**

2.30pm Professor Sir Michael Marmot **Inequalities in COVID**

2.45pm Dr Richard Heron, BP **Perspectives from industry**

3pm Professor Julia Hippisley-Cox **The QCOVID clinical risk stratification tool, its development and potential value**

3.15pm Professor David Coggon OBE and Dr Tony Williams **COVID Age - Workplace risk**

3.30pm Professor Trish Greenhalgh OBE **The risks and lived experience of long COVID**

3.45pm Professor Maggie Rae, FPH President **Public Health perspectives**

4pm Sir David Spiegelhalter OBE FRS **Communicating risks**

4.15pm Professor David Heymann CBE **Living with the COVID-19 pandemic: using the tools we have**

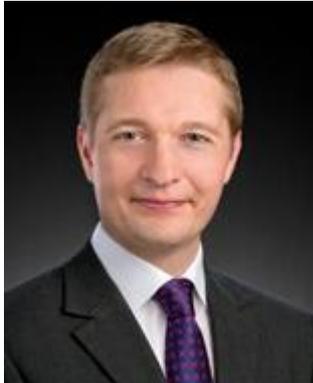
4.30pm Lord Blunkett – panel discussion: **Risk and Society**

Discussion with President of the Faculty of Occupational Medicine, Dr Anne de Bono, and Professor Anne Harriss, President of the SOM

5pm Close

The Faculty of Occupational Medicine (FOM) is the professional and educational body for occupational medicine in the UK. The Society of Occupational Medicine (SOM) is the UK's membership body for all healthcare professionals working in or with an interest in occupational health. Both organisations work with government, the healthcare community, health charities and other bodies to promote a healthier workforce.

Biographies:



Dr Oliver Morgan is the Director of the Health Emergency Information and Risk Assessment Department in the WHO Health Emergencies Program. From 2007 through 2016, Dr Morgan worked for the US Centers for Disease Control and Prevention during which time he held critical leadership positions in the Ebola response between November 2014 and February 2016 (CDC Atlanta Ebola Response Incident Manager and CDC Country Director in Sierra Leone). From March 2010 to October 2014, Dr Morgan was the CDC Country Director in the Dominican Republic. Dr Morgan was an Epidemic Intelligence Service Officer at CDC from 2007 to 2009 with the International Emerging Infections Program, during which time he conducted projects in Thailand, Bangladesh, Kenya, Uganda, and Guatemala. Before joining CDC, Dr Morgan worked for the UK Health Protection Agency, leading epidemiological investigations of outbreaks (enteric, vaccine preventable, hospital acquired, zoonotic, respiratory, and sexually acquired infections), chemical and radiation exposure incidents, terrorist bombings in London, natural disasters, and humanitarian civil conflicts. Dr Morgan has also worked as a consultant to WHO/PAHO in several countries. Dr Morgan's academic achievements include a doctorate in epidemiology from Imperial College London and extensive publication in peer reviewed journals and reference books.



Dr Richard Heron MBChB is the Vice-President Health and Chief Medical Officer at BP with responsibility for strategic development of the BP Group Health agenda including Employee Wellbeing, Occupational Health and Hygiene requirements for over 70,000 employees and Community and Public Health matters in the countries where BP operate. He is co-chair of the International Occupational Medicine Society Collaboration (IOMSC), an association of 47 National Occupational Medicine Societies, and currently serves on the UK NHS staff health and wellbeing Board. He is past-President of both the UK Faculty and Society of Occupational Medicine, a Fellow of the Royal College of Physicians (London, Edinburgh), and a fellow American College of Occupational and Environmental Medicine. He trained in internal medicine in UK and Auckland, New Zealand, before specializing in Occupational Medicine. Before joining BP, Richard was Head of Global Safety, Health and Risk Management at AstraZeneca pharmaceuticals. Richard is honorary professorial fellow of International Business and Health, Division of Psychiatry and Applied Psychology, University of Nottingham School of Medicine. His specialist interests include the relationship between good health, good work productivity and work-related mental health. He has worked with a variety of expert advisory groups with UK Government departments of Health, and Work and Pensions, and Public Health England.



Sir Michael Marmot FBA, FMedSci, FRCP has been Professor of Epidemiology at University College London since 1985. He is the author of *The Health Gap: the challenge of an unequal world* (Bloomsbury: 2015), and *Status Syndrome: how your place on the social gradient directly affects your health* (Bloomsbury: 2004). Professor Marmot is the Advisor to the WHO Director-General, on social determinants of health, in the new WHO Division of Healthier Populations, and is the recipient of the WHO Global Hero Award. He is a Distinguished Visiting Professorship at Chinese University of Hong Kong, and held the Harvard Lown Professorship for 2014-2017. He was awarded the Prince Mahidol Award for Public Health 2015. He has accepted honorary doctorates from 18 universities. Marmot has led research groups on health inequalities for nearly 50 years. He chaired the Commission on Equity and Health Inequalities in the Americas, set up in 2015 by the World Health Organization's Pan-American Health Organization (PAHO/WHO). He was Chair of the Commission on Social Determinants of Health (CSDH), which was set up by the World Health Organization in 2005, and produced the report entitled: '*Closing the Gap in a Generation*' in August 2008. At the request of the British Government, he conducted the Strategic Review of Health Inequalities in England post 2010, which published its report '*Fair Society, Healthy Lives*' in February 2010. This was followed by the *European Review of Social Determinants of Health and the Health Divide*, for WHO EURO in 2014, and in 2020 *Health Equity in England: Marmot Review 10 Years On*. Professor Marmot chaired the Expert Panel for the WCRF/AICR 2007 Second Expert Report on *Food, Nutrition, Physical Activity and the Prevention of Cancer: a Global Perspective*. He chaired the Breast Screening Review for the NHS National Cancer Action Team and was a member of The Lancet-University of Oslo Commission on Global Governance for Health. He set up and led a number of longitudinal cohort studies on the social gradient in health in the UCL Department of Epidemiology & Public Health, the Whitehall II Studies of British Civil Servants, investigating explanations for the striking inverse social gradient in morbidity and mortality; the English Longitudinal Study of Ageing, and several international research efforts on the social determinants of health. He served as President of the British Medical Association (BMA) in 2010-2011, and as President of the World Medical Association in 2015. He is President of the British Lung Foundation. He is an Honorary Fellow of the American College of Epidemiology; a Fellow of the Academy of Medical Sciences; an Honorary Fellow of the British Academy, and an Honorary Fellow of the Faculty of Public Health of the Royal College of Physicians. He was a member of the Royal Commission on Environmental Pollution for six years and in 2000 he was knighted by Her Majesty The Queen, for services to epidemiology and the understanding of health.



Professor Julia Hippisley-Cox MB ChB MD FRCP DRCOG FRCGP

qualified with distinction from Sheffield University Medical School in 1989 where she was awarded the Prize in Medicine, Surgery, General Practice and Obstetrics and Gynaecology. In 1995 she was awarded a distinction in the MRCGP examination and awarded FRCGP in 2005. She became a Member of the Royal College of Physicians in 1994, and a Fellow in 2013. She was appointed as Lecturer at the University of Nottingham in 1995, Senior Lecturer in 1999, Reader in 2004. She was promoted to Professor of Clinical Epidemiology & General Practice in 2005 where she stayed until her appointment at the University of Oxford. In 2009 she was awarded the John Fry Award by the Royal College of General Practitioners. She was awarded RCGP paper of the year for the best paper published in the cancer category (2012) and cardiovascular category (2018). In 2013 she was awarded the Dr John Perry Prize for an outstanding contribution to NHS IT for her work developing the widely used www.openpseudonymiser.org tool. Julia's research interests are very broad and include large scale clinical epidemiology, drug safety and the development of risk prediction algorithms using electronic databases from general practices. She is the co-founder of the Research database (www.qresearch.org) which is one of the largest clinical research databases worldwide. In 2020, it has doubled in size to cover over 2500 GP practices, representing approximately 40% of the UK population. The database is also linked to hospital, mortality & cancer data, COVID test results and ICNARC ICU data. She has developed and validated risk prediction algorithms for a range of diseases including cardiovascular disease, cancer fracture, diabetes, and other conditions. These tools are now widely used across the NHS.



Professor David Coggon OBE, MA, PhD, DM, FRCP, FFOM, FFPH, FMedSci

Emeritus Professor of Occupational and Environmental Medicine. David Coggon studied mathematics and medical sciences at the University of Cambridge before graduating in clinical medicine from the University of Oxford in 1976. As President of the UK Faculty of Occupational Medicine during 2008-11, he initiated a new national accreditation scheme for occupational health services. In 2014, he became the first Director of the Arthritis Research UK/MRC Centre for Musculoskeletal Health and Work. Since retiring from paid employment at the end of 2015, Professor Coggon has continued with his research in a part-time emeritus role, focusing particularly on the contribution of culturally determined health beliefs and expectations to disability from back pain and other common musculoskeletal complaints. He is also a Trustee of the Colt Foundation, which is the largest non-governmental funder of occupational health research in the UK. David has extensive experience of the translation of science into policy, both nationally and internationally, as member/chair of governmental scientific advisory committees.



Dr Tony Williams MA MB BChir MMedSci LLM DTM&H FFOM has over twenty years' experience as a consultant occupational physician. A Fellow of the Faculty of Occupational Medicine, he has been an examiner for the Faculty and teaches on the course for the Diploma in Occupational Medicine at the University of Kent in Canterbury. He completed his LLM in Law and Employment Relations in 2007 and has published research on the evidence provided by doctors for employment tribunals (Williams, 2008). He set up Working Fit in 2002, with an extensive portfolio of clinical occupational health work in the NHS and for a variety of government and private organisations. He represented the Faculty of Occupational Medicine advising both the Royal College of Surgeons of England and Royal College of Obstetrics and Gynaecology on their guidelines for returning to work following surgical procedures. Between 2009 and 2011 he presented several Health and Work training workshops for GPs on behalf of the Royal College of General Practitioners. He produced the medical guidelines for the Fire and Rescue Services in 2004 and 2012. He has also produced medical evidence guidelines for military veterans claiming injury and ill health due to service. In 2012 he chaired the Government Review into Firefighter Normal Pension Age. He provided advice to RNLI on fitness and pension age in 2013. He is currently Chairman of the Association of Local Authority Medical Advisers, an organisation with a specific interest in Police, Fire and Local Authority health issues, and has provided regular advice to central government on the Local Government Pension Scheme.



Sir David Spiegelhalter FRS OBE is Chair of the Winton Centre for Risk and Evidence Communication in the Centre for Mathematical Sciences at the University of Cambridge, which aims to improve the way that statistical evidence is used by health professionals, patients, lawyers and judges, media and policy-makers. He retired from being Winton Professor for the Public Understanding of Risk in 2019, but still advises organisations and government agencies on risk communication, and is a regular media commentator on statistical issues, with a particular focus on communicating uncertainty. He has been very busy over the COVID crisis. His background is in medical statistics, and he has over 200 refereed publications and is co-author of 6 textbooks, as well as *The Norm Chronicles* (with Michael Blastland), and *Sex by Numbers*. He presented the BBC4 documentaries "*Tails you Win: the Science of Chance*", the award-winning "*Climate Change by Numbers*", and in 2011 came 7th in an episode of BBC1's *Winter Wipeout*. His bestselling book, *The Art of Statistics*, was published in March 2019. He was elected Fellow of the Royal Society in 2005, awarded an OBE in 2006, and knighted in 2014 for services to medical statistics. He is a Fellow of Churchill College Cambridge, was President of the Royal Statistical Society for 2017-2018, and became a Non-Executive Director of the UK Statistics Authority in 2020. He is @d_spiegel on Twitter, and his home page is <http://www.statslab.cam.ac.uk/~david/>



Trish Greenhalgh OBE FRCP FRCGP FMedSci is an internationally recognised academic in primary health care and trained as a GP. She joined the Department in January 2015 after previously holding professorships at University College London and Queen Mary University of London. As co-Director of the Interdisciplinary Research in Health Sciences (IRIHS) unit, Trish leads a programme of research at the interface between social sciences and medicine, with strong emphasis on the organisation and delivery of health services. Her research seeks to celebrate and retain the traditional and humanistic aspects of medicine while also embracing the unparalleled opportunities of contemporary science and technology to improve health outcomes and relieve suffering. Trish is Programme Director for the MSc and DPhil in Translational Health Sciences. Current research projects include

- Partnerships for Health, Wealth, and Innovation - a 'research-on-research' study of the co-creation and implementation of innovations in the Oxford Biomedical Research Centre (NIHR funded).
- Remote by Default: a study of change at pace and scale in UK primary care in the COVID-19 pandemic, funded by UKRI COVID-19 Emergency Fund.
- SCALS (Studies of Co-creating Assisted Living Solutions): A predominantly qualitative and developmental programme of research to improve how we design, introduce, and evaluate technology-supported integrated care in older people with complex needs. This includes a 5-year Senior Investigator Award from the Wellcome Trust.

Trish is a fellow at Green Templeton College. She is in principle keen to hear from prospective DPhil students in her areas of interest but currently has a full quota of doctoral students and a waiting list.



Professor Maggie Rae, PrFPH, FRSPH, FRCP(Hon) is currently the President of the Faculty of Public Health. She has particular interests in health inequalities, sustainable development, workforce, education and standards setting for Public Health. She is Head of the South West Academy of Population and Public Health for Health Education England. She leads the South West Specialist Public Health Training Programme and is committed to helping develop the Public Health future workforce. Maggie is a Visiting Professor of Public Health, University of the West of England, and has extensive experience of working at all levels in public health. She has been a Director of Public Health, twice. She also led on Health Inequalities and Local Delivery at the Department of Health and led the Spearhead Strategy which resulted in reducing the gap in life expectancy and infant mortality. In her role as President she works closely with the Academy of Royal Medical Colleges, Local Government Association and a wide range of partner agencies who have interests in Public Health. Maggie has recently joined the National Advisory Board for Population Health and Integrated Care Systems in England. She is committed to working with all 4 Nations of the UK and FPH members across the world.



Professor David Heymann CBE holds a BA in general science from Penn State University, an M.D from Wake Forest School of Medicine, and a DTM&H from London School of Hygiene and Tropical Medicine (LSHTM). He is currently Professor of Infectious Disease Epidemiology at LSHTM and Distinguished Fellow of the Centre on Universal Health at Chatham House, London. From 2012 to March 2017 he was chairman of Public Health England. For 22 years Heymann was based at the World Health Organization (WHO) in Geneva on secondment from the Centers for Disease Control and Prevention (CDC) during which time he rose from Chief of Research of the Global Programme on AIDS to Founding Director of the Programme on Emerging and other Communicable Diseases. He then was named Executive Director of the Communicable Diseases Cluster, a position from which he headed the global response to SARS, and finally was named Assistant Director for Health Security and the Director General's Representative for Polio Eradication. Before joining WHO David Heymann was based for 13 years in sub-Saharan Africa on assignment from CDC where he worked in Cameroon, Cote d'Ivoire, DRC and Malawi. During this period he participated in the response to the first, second and third outbreaks of Ebola hemorrhagic fever in DRC, investigated human monkeypox outbreaks throughout central and western Africa, and supported ministries of health in field research aimed at better control of malaria, measles, tuberculosis and other infectious diseases. Prior to joining CDC Heymann worked in India for two years as a medical epidemiologist in the WHO smallpox eradication programme. David Heymann is an elected fellow of the Institute of Medicine of the National Academies (US) and the Academy of Medical Sciences (UK), and has received seven different public health awards, including the Heinz Award on the Human Condition, that have provided funding for the establishment of an on-going mentorship programme at the International Association of Public Health Institutes (IANPHI). He has published over 250 peer reviewed articles, commentaries and book chapters, and is the editor of the *Control of Communicable Diseases Manual*, a major global reference for public health and health protection. In 2009 he was appointed an honorary Commander of the Most Excellent Order of the British Empire (CBE) for service to global public health.



Dr Anne de Bono is President of the Faculty of Occupational Medicine of the Royal College of Physicians. She is also a Consultant Occupational Physician at the University Hospitals of Leicester NHS Trust, whose Occupational Health Service has a core client base of 32,000 NHS staff and students plus workers in local industry. From 2013 - 2017 she was Chair of the NHS Health at Work Network representing NHS OH services across England. She has always championed strong links between Occupational Health, Primary Care and hospital based specialties. As President of FOM she aims to encourage wider interest in the relationship between health and work amongst clinicians of all specialties and to develop the concept of return to work as an accepted outcome of good clinical care. During 2020 she has been extensively involved at a national level in the OH response to the COVID pandemic.



Professor Anne Harriss has significant experience in occupational health education, latterly as Course Director for Occupational Health Nursing and Workplace Health Management programmes at London South Bank University. She started her teaching career as OH lecturer/practitioner at the Royal College of Nursing after a clinical career starting in Muscat with the Royal Oman Police followed by the hotel then the pharmaceutical industries. She is a Fellow of the Royal College of Nursing, Hon Fellow of the Faculty of Occupational Medicine and both a Principal Fellow and National Teaching Fellow of the Higher Education. She has contributed to the development of public/occupational health initiatives nationally and internationally as a result of projects in New Zealand, Slovakia and South Africa. Anne has a particular interest in promoting mental health in the workplace.



Professor Ewan Beaton Macdonald OBE leads the Healthy Working Lives Group in the University of Glasgow. He is Chair of the Academic Forum for Health and Work in the UK and of the COVID-19 Occupational Health support group of the Society of Occupational Medicine. He trained initially as a physician and then in occupational medicine and his clinical experience has involved leadership of occupational health and safety services in industries as diverse as Coal mining, Computing, Aluminium, Textiles, Chemical, Military and NHS, in UK and internationally. He is a past president of the Faculty of Occupational Medicine, and founder and past President of the UEMS Section of Occupational Medicine. He developed the Healthy Working Lives paradigm which was adopted by Scottish government, is a member of the Disability and Carers and Benefits Expert Advisory Group in Scotland and is a Bevan Commissioner in Wales. Past honorary appointments have included Honorary Colonel of a medical regiment. He was recently awarded a lifetime achievement award by the Irish Faculty of Occupational Medicine. Current and recent research projects include early interventions in sickness absence; evaluation of return to work initiatives in benefit recipients; extending working lives; the biological and functional changes underpinning ageing and health inequalities; long working hours and doctors health; health and safety in equine vets; work health needs of high altitude climbing Sherpas. Hobbies include climbing, fishing, sailing, family history and his family home in Lochaber, which is on the site of the last clan battle in Scotland.