Tuesday 11th July
Wolfson Common Room **08:30 – 09:30** Registration and Arrival Refreshments
Leonard Deacon Lecture Theatre **09:30 – 09:45** Peter Spilsbury **09:45 – 10:15** Ben Goldacre **10:15 – 10:40** Ming Tang and Sue Hill Talk 1 **10:40 – 11:00** Ming Tang and Sue Hill Talk 2
Wolfson Common Room **11:00 – 11:20** Refreshment Break

Leonard Deacon Lecture Theatre	Arthur Thompson Lecture Theatre	Lecture Theatre 3	Lecture Theatre 4	WF15
11:20 – 11:50 Contributing our learning to the journey of professionalising analytics (30 mins) *Charlotte Henderson, South Central and West Csu*	**11:20 – 11:50** Decision aiding tools for deceased donor offers when joining the transplant waiting list (30 mins) *Lisa Mumford, NHS Blood And Transplant*	**11:20 – 11:35** A Geospatial App for the NHS (15 mins) *Paul Carroll, NHS England* **11:35 – 11:50** Reducing carbon emissions and tackling inequalities in healthcare: a demonstration of how health analytics can support the bringing together of these two important agendas (15 mins) *Anya Gopfert, University of Exeter* *Matthew Eves, Derbyshire Community NHS Foundation Trust*	**11:20 – 11:50** Unseen Risks: The Impact of COVID on Follow-Up Appointment Delays and Patient Harm in Eyecare Services (30 mins) *Mark Crawford, NHS England*	**11:20 – 11:35** Understanding health inequalities through machine learning (15 mins) *Hugo Herrera, East Suffolk and North East Essex NHS FT* **11:35 – 11:50** Warmer Homes: research project to facilitate selective targeting and referral of people with cold-related health conditions for initiatives to combat fuel poverty and help residents heat their homes for less using greener and more energy-efficient solutions (15 mins) *Sam Hicks, Staffordshire Centre for Data Analytics* *Dave Sugden, Staffordshire County Council*

Leonard Deacon Lecture Theatre	Arthur Thompson Lecture Theatre	Lecture Theatre 3	Lecture Theatre 4	WF15
11:50 – 12:20 National Competency Framework for data professionals in health and care (30 mins) *Andrew Lavelle, NHSE*	**11:50 – 12:05** Ethnic inequalities in exclusion from general practice performance monitoring (15 mins) *Mai Stafford, The Health Foundation* **12:05 – 12:20** Vaccine effectiveness against the SARS-CoV-2 B.1.1.529 Omicron variant in solid organ and islet transplant recipients in England: a national retrospective cohort study (15 mins) *Lisa Mumford, NHS Blood And Transplant*	**11:50 – 12:05** Crime and Poverty as a Predictor of Domestic Violence (15 mins) *Donald Maruta, NHS North Central London ICB* **12:05 – 12:20** The automation of Open-Source CSVs to populate an ArcGIS Dashboard with Medical Facilities for NCL *Donald Maruta, NHS North Central London ICB*	**11:50 – 12:05** Unintended consequences of the 18-week referral to treatment standard in NHS England: a threshold analysis (15 mins) *Laura Quinn, University of Birmingham* **12:05 – 12:20** Forecasting ten-year demand and capacity across the Suffolk and North East Essex Integrated Care System, project impacts and lessons learned (15 mins) *Alexander Royan, Suffolk and North East Essex LCB* *Hugo Herrera, East Suffolk and North East Essex NHS* *Callum Lillistone, Suffolk County Council*	**11:50 – 12:05** Multimorbidity and socioeconomic deprivation and its effect on health utilisation in Northwest England: An analysis of the Combined Intelligence for Population Health Action (CIPHA) data (15 mins) *Lucy Kaluvu, Edge Hill University* **12:05 – 12:20** Winter Warmth Dashboard (15 mins) *Joe Cox, NHS SW London ICS*

Leonard Deacon Lecture Theatre **12:20 – 12:35** User-centred approaches to designing reporting tools (15 mins) *Sam Brierley, South Central and West CSU*	**Arthur Thompson Lecture Theatre** **12:20 – 12:35** How whole-population national disease registration data is enabling improvements in care, outcomes and participation in research for people with rare disease (15 mins) *Fiona Pearce, University of Nottingham*	**Lecture Theatre 3** **12:20 – 12:35** How geospatial modelling can ensure patients from a closing GP Practice get fair treatment (15 mins) *Ian Maxfield, South Central and West Commissioning Support Unit*	**Lecture Theatre 4** **12:20 – 12:35** Analysis of patients waiting over 104 days from urgent suspected cancer referral to first cancer treatment (15 mins) *Lorna Wills, Cancer Research UK/ NHS England*	**WF15** **12:20 – 12:35** *An early warning system supporting patients in Bedfordshire, Luton and Milton Keynes (BLMK) manage their diabetes (15 mins)* *Prasanth Peddaayyavarla, Arden & Gem CSU* *Kamil Barczak, Arden & Gem*
Corridors **12:35 – 12:50** Poster Presentations				
Wolfson Common Room **12:50 – 13:50** Lunch and Poster Presentations continued				

Leonard Deacon Lecture Theatre	Arthur Thompson Lecture Theatre	Lecture Theatre 3	Lecture Theatre 4	WF15
13:50 – 14:20 The prevalence of 281 common conditions in UK primary care data: automating studies in DExtER (30 mins) *Neil Cockburn, University of Birmingham*	**13:50 – 14:20** Deaths at home during the Covid-19 pandemic and implications for patients and services (30 mins) *Eilis Keeble, Nuffield Trust* *Sarah Scobie, Nuffield Trust*	**13:50 – 14:05** Development of structured analytical support for a large scale Urgent and Emergency Care (UEC) improvement programme (15 mins) Sygal Amitay, Nottingham University Hospitals NHS Trust **14:05 – 14:20** Adapting a Shewhart chart application to identify growth phases for Covid-19 hospital demand and facilitate decisions about elective capacity and mutual aid (15 mins) *Alberto Liuzzo Scorpo, NHS England*	**13:50 – 14:20** The factors influencing GP patient experience (30 mins) *Chris Pottage, NHS England*	**13:50 – 14:20** Projected patterns of long-term illness in the population of England to 2040: a microsimulation study (30 mins) *Ann Raymond, Health Foundation*

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14:20 – 14:58 Professionalisation Panel (38 mins) *James Freed – Chair* *Rony Arafin* *Adrian Jones* *Sofyanah Ramzan* **14:58 – 15:36** What are the gaps in evidence around social care, what data is available and what is being done to fill those gaps? (38 mins) *Julie Stanborough, ONS* *Sophie John, ONS* *Uma Moorthy, Department of Health & Social Care*	**14:20 – 14:50** Using case-mix adjustment and statistical methodologies to devise a fairer resource allocation formula for UK primary care (30 mins) *David Shepherd, Leicester, Leicestershire and Rutland ICB* *Alan Thompson, Johns Hopkins Healthcare*	**14:20 – 14:50** A Pathway Approach to Measuring Healthcare Inequalities: An Example using Hypertension Patient Care (30 mins) *Tom Bruss, NHS England*	**14:20 – 14:50** Measuring the impact of Electronic Patient Record systems (“EPRs”) on key outcomes in acute NHS providers (30 mins) *Andrew Sylvester, NHS England* *Toby Lowton, NHS England*	**14:20 – 14:50** Children's mental health care: discoveries (and disasters) during data linkage (30 mins) *Jessica Butler, NHS Grampian*

Matthew Bennett, ONS				

	Arthur Thompson Lecture Theatre **14:50 – 15:05** From Dashboards to Knocking on Doors - delivering NHS England's Place Development Programme in Leicester (15 mins) *Jon Adamson, MICSU* *Paul Miles, Leicester City Council* **15:05 – 15:20** Linking Newcastle health and social care data at user-level to identify inefficiency, inequality, and duplication (15 mins) *Rich Bilsborough, Collaborative Newcastle*	**Lecture Theatre 3** **14:50 – 15:20** An Evaluation of the Better Housing Better Health+ Initiative in Oxfordshire (30 mins) *Adam Cook, NHS South Central & West Commissioning Support Unit*	**Lecture Theatre 4** **14:50 – 15:20** Linked Data for Health Analysis: ONS Public Health Data Asset (30 mins) *Isobel Ward, Office for National Statistics* *Daniel Ayoubkhani, Office for National Statistics* *Vahe Nafilyan, Office for National Statistics*	**WF15** **14:50 – 15:05** Multidisciplinary approach to analysis of paracetamol overdose in the younger population of the southeast in England (15 mins) *Simon Cruickshank, NHS England*

	Arthur Thompson Lecture Theatre **15:20 – 15:35** Leicester, Leicestershire and Rutland Health Inequalities Support Unit (15 mins) *Janine Dellar, Leicester, Leicestershire and Rutland ICB*	**Lecture Theatre 3** **15:20 – 15:35** Digital inclusion and GP online services use characterised by sociodemographic and clinical factors (15 mins) *Martina Bargeman Fonseca, NHS England*	**Lecture Theatre 4** **15:20 – 15:35** Tobacco and Alcohol Dependence Data: From Conception to Dashboards (a description of the creation of national patient level data collections and the analysis and visualisation of the resultant data) (15 mins) *Tom Frost, NHS England* *Jack Hodgson, NHS England* *Bethany Thompson, NHS England*	**WF15** **15:20 – 15:35** Associations between Fenofibrate and Risk of Sight-Threatening Diabetic Retinopathy Progression in People with Type 2 Diabetes: A Cohort Study with Prevalent New-user Design (15 mins) *Luyuan Tan, University of Birmingham*
Wolfson Common Room **15:35 – 15:50** Refreshment Break				
Leonard Deacon Lecture Theatre **15:50 – 16:20** *Prof. Richard Riley (30 mins)*				

Leonard Deacon Lecture Theatre	Arthur Thompson Lecture Theatre	Lecture Theatre 3	Lecture Theatre 4	WF15
16:20 – 16:35 Understanding the operational consequences of case mix changes on services for complex patients in a specialist tertiary paediatric NHS trust (15 mins) *William Bryant, Great Ormond Street Hospital NHS Trust*	**16:20 – 16:35** Understanding the enablers and barriers to the use of evidence in strategic decision making within Adult Social Care (15 mins) *Clare Humble, Strategy Unit*	**16:20 – 16:35** Exploring a diverse population, visualising challenges and tracking progress: learning from the development of an insight platform to drive change and upskill decision makers (15 mins) *Sarah Houston, UCL Partners*	**16:20 – 16:35** Improving the evidence on ethnicity and health inequalities (15 mins) *Rosemary Drummond, Office for National Statistics*	**16:20 – 16:50** Rolling out Reproducible Analytical Pipelines within NHS England: Faster, more robust and more transparent analysis, and how you can do it too! (30 mins) *Sam Hollings, NHS England*

Leonard Deacon Lecture Theatre **16:35 – 17:05** An introduction to the New Hospital Programme Demand Model (30 mins) Tom Jemmett, Strategy Unit	**Arthur Thompson Lecture Theatre** **16:35 – 16:50** Care homes and estimating the self-funding population, England: 2022-2023 (15 mins) Sophie John, Office for National Statistics Sarah Barrett, Office for National Statistics **16:50 – 17:05** A case study in culture change: Making business intelligence illuminate, not intimidate (15 mins) *Jennifer Wood, Strategy Unit*	**Lecture Theatre 3** **16:35 – 17:05** Helping Social Prescribers: utilising machine learning within a case finding tool (30 mins) *Farah Adam, Arden & Gem CSU* *An Te, Arden & Gem CSU*	**Lecture Theatre 4** **16:35 – 16:50** A data-led approach to better target stroke prevention and care in South Yorkshire (15 mins) *Leon Green, Office for Health Improvement and Disparities* **16:50 – 17:05** Best Start in Life: Estimated take up of NHS Dental, Prescribing and Supporting Schemes (15 mins) *Lucy Sherwin-Robson, NHSBSA*	

Leonard Deacon Lecture Theatre **17:05 – 17:35** Towards Operational Intelligence: Predicting emergency admissions by hospital speciality using real-time EHR data and Machine Learning (30 mins) *Zella King, University College London* *Craig Wood, University College London*	**Arthur Thompson Lecture Theatre** **17:05 – 17:35** Learning from the Lambeth Early Action Partnership: Linking data across services to evidence improved parent and child outcomes (30 mins) *Sophie Hedges, National Children's Bureau* *Rose Davidson, National Children's Bureau*	**Lecture Theatre 3** **17:05 – 17:20** Covid-19: a local intelligence and analytical response to the pandemic (15 mins) *Jo Davis, Royal Cornwall Hospitals NHS Trust*	**Lecture Theatre 4** **17:05 – 17:20** Leveraging NHS prescription and prescription exemption data to highlight potential healthcare inequalities in the Core20 population (15 mins) *Steven Buckley, NHSBSA* **17:20 – 17:35** Recovery and non-recovery for locality populations with chronic conditions; a study matching historic rates of hospital admissions and mortality from respiratory and cardiovascular causes, with small-area characteristics and rates of condition and illness prevalence from linked individual 2021 Census and primary care records (15 mins) *Tom Hennell and Emma Das, OHID Local Knowledge and Intelligence Service North West*	

The Botanical Gardens Conference Dinner
18:30 – 23:00

The Birmingham Botanical Gardens
Westbourne Rd,
Birmingham B15 3TR

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