

## Virtual Conference 2021 Day 1 Monday 8<sup>th</sup> November 2021

Time	Speaker	Title
09:30	<b>Professor Mohammed Mohammed</b> , NHS-R Community	Opening and Welcome
09:45	<b>Ellen Coughlan</b> , The Health Foundation	Advancing Analytics: Community and Capability
10:05	<b>Peter Spilsbury</b> , The Strategy Unit	What should the NHS learn from the NHS-R Community
10:25	<b>Natalia Domagala</b> , Head of Data Ethics Policy, Cabinet Office	<i>Title to be confirmed</i>
<b>Break</b>		
11:05	<b>Colin Angus</b> , Senior Research Fellow, University of Sheffield	Challenges and opportunities in visualising COVID data using R
11:25	<b>Madeleine Whelan</b> and <b>Will Yuill</b> , Hertfordshire County Council	COVID-19 Modelling using R
11:45	<b>Colin Fay</b> , Data Science and Engineering at ThinkR	<i>Title to be confirmed</i>
<b>Break</b>		
12:25	<b>Jessica Pang</b> , Improvement Cymru, Public Health Wales	Our journey to RShiny applications for COVID-19 Sampling and Testing
12:45	<b>Ben Murch</b> & colleague, NHS England and NHS Improvement	Modelling the impact of first wave Covid-19 on mental health service capacity across a local health system
<b>Break</b>		
14:00	<b>Lightning Talks</b>	
14:05	1. <b>Lee Coulson</b> , Senior Information Analyst, NHS Devon CCG	Simple Geospatial Visualisation Using Leaflet
14:15	2. <b>Anne Alarilla</b> , Senior Data Analyst, The Health Foundation	Using R to analyse survey data
14:25	3. <b>Sebastien Peytrignet</b> , Data Analyst, The Health Foundation	What can an online shopping algorithm teach us about coordinating outpatient care?
14:35	4. <b>Tom Jemmett</b> , Senior Healthcare Analyst, The Strategy Unit	Introduction to OOP in R with S3
14:45	5. <b>Martine Wauben</b> , Lead Data Scientist, DHSC	Voices of the public: using text data
<b>Break</b>		
15:05	6. <b>Jay Hughes</b> , Data Engineer, The Health Foundation	Introducing an R package to process CPRD Aurum data
15:15	7. <b>Andy South</b> , Data Scientist, University College London Hospital	Developing R & data skills in clinicians at UCLH through a fellowship program & training
15:25	8. <b>Lydia Briggs</b> , Data Scientist, Great Ormond Street Hospital NHS Trust	Automated Data Processes in Clinical Operations – A pilot study for the Cardiac M&M meetings
15:35	<b>Close</b>	

## Virtual Conference 2021 Day 2 Tuesday 9<sup>th</sup> November 2021

Time	Speaker	Title
09:30	<b>Rich Gillett and Andrew Johnson</b> , Patient Safety and Clinical Quality Directorate, Government for Western Australia, Department for Health	Down underR: our journey using R for quality assurance in Perth Australia
09:50	<b>Sarah Culkin</b> , Head of Analytics, NHSX	Free and open - what is the role of the centre?
10:10	<b>Rony Arafin</b> , Chief Operating Officer, AphA	Empowering Analytics using Open Source Tools
10:30	<b>Emma Rand</b> , Senior Lecturer in the Department of Biology at the University of York	You can make an R package too!
<b>Break</b>		
11:10	<b>Jacob Anhoj</b> , Centre of Diagnostic Investigation, Rigshospitalet, University of Copenhagen	Run Forest, run! - Understanding variation using runs analysis
11:30	<b>Peter Higgins</b> , Professor of Gastroenterology, University of Michigan	Introducing the {medicaldata} teaching package
11:40	<b>Lluís Revilla Sancho</b> , Bioinformatician	Improving (analysis) process: developing packages
12:00	<b>Simon Wellesley-Miller &amp; Christopher Reading</b>	NHSRplotthedots
<b>Break</b>		
12:30	<b>Simon Moss (with Dr Richard Wood)</b> , NHS Bristol, North Somerset and South Gloucestershire CCG	Use of PathSimR to support COVID-19 mass vaccination and stroke service centralisation
12:50	<b>Will Yuill</b> , Principal Epidemiologist, Public Health, Hertfordshire County Council	Putting R into Production
13:10	<b>Hazel Kirkland and Chris Beeley</b> , Lead Pharmacist and Senior Data Scientist, Nottinghamshire Healthcare NHS Trust	Putting the R in phaRmacy- forecasting and stock control using R for pharmacy inventory management
<b>Break</b>		
15:00	<b>Afternoon with International Colleagues</b>	
15:05	<b>Frank Harrell</b> , Professor of Biostatistics in the School of Medicine at Vanderbilt University	Statistical Mistakes to Avoid
15:50	<b>Gergely Daroczi &amp; Ajay Gopal</b> , Rx Studio Inc.	R package and APIs for Scaled Personalized Medicine
16:05	<b>Jeroen Ooms</b> , Staff Research Engineer with @ropensci at UC Berkeley	The r-universe project
16:25	<b>Close</b>	

## Virtual Conference 2021 Day 3 Wednesday 10<sup>th</sup> November 2021

Time	Speaker	Title
09:30	<b>Gary Hutson</b> , Senior Data Scientist, Ascent	NHS-R Solutions
09:45	<b>John Lodge</b> , Hexitime	Hexitime: the skill exchange and timebank for improving health and care services
10:05	<b>Suki Panesar</b> , NHS England and NHS Improvement-	Connecting the data and analytic workforce and creating a social movement for good: the story of AnalystX
10:25	<b>Simon Wellesley-Miller</b> , Devon Partnership Trust	Interactive reports using HTML widgets in R Markdown
<b>Break</b>		
11:05	<b>Hugo Cosh</b> & colleague, Public Health Wales NHS Trust	<i>Title to be Confirmed</i>
11:25	<b>Dr Kate Bamford</b> , Senior Data Surveillance Scientist, East Midlands Health Protection Team UK Health Security Agency	Using R Markdown, Reactable and Crosstalk to create an interactive COVID-19 review tool
11:45	<b>Kieran Zucker</b> , University of Leeds	Self Service Analytics and Automatic Document Generation with R
<b>Break</b>		
12:25	<b>Heather Turner</b> , R-Ladies	Supporting Equality, Diversity and Inclusion in the R Community
12:45	<b>Adam Watkins</b> , Advanced Improvement Analyst/Uwch-ddadansoddwr Gwelliant, Improvement Cymru (Public Health Wales)	Mapping public transport travel times - building on and enabling the work of others
<b>Break</b>		
15:05	<b>Lightning Talks</b>	
15:10	1. <b>Hugo Herrera</b> , Head of Analytics , East Suffolk & North Essex NHS Foundation Trust	Analysing A&E capacity and demand with R
15:20	2. <b>Dr William Bryant</b> , Senior Data Scientist, Great Ormond Street Hospital NHS Trust	Predicting length-of-stay to improve patient flow – operational data science using R, `tidymodels` and `targets`
15:30	3. <b>Neli Garbuzanova</b> , Deputy Head of Transformation, NHS England	R challenges and opportunities in the delivery of NHS service
<b>Break</b>		
<b>Key-Note</b>		
16:00	<b>Julia Silge</b> , Data Scientist and Software Engineer at RStudio	Creating features for machine learning from text
16:45	<b>Chris Beeley</b> , Nottinghamshire Healthcare NHS Trust	<b>Closing Remarks</b>