

STOR-i SPRING SCHOOL: 23-27 MARCH, 2026

Speaker biographies

Federico Andreis, PhD, CStat is Practice Lead for Quantitative Analytics and Statistics at the Care Quality Commission, England's healthcare regulator.

After a decade spent in academia across Italy, Sweden and Scotland, Federico moved into applied research at Nesta, leading quantitative methods and establishing quality assurance processes and competency frameworks for research and innovation. At CQC, Federico builds analytical capability across the organisation through community development, governance frameworks, and translating government statistical standards into practical guidance for regulatory decision-making. His work spans both frequentist and Bayesian methods, survey methodology and causal inference approaches. Federico holds a PhD in Statistics from the University of Milan-Bicocca and is a Chartered Statistician with the Royal Statistical Society, as well as a member of the Society's AI Task Force.

Emily Graham, Principle Statistician at Roche.

Since joining Roche in 2019, Emily has held roles of increasing responsibility across multiple disease areas, including Infectious Diseases, Nephrology, and Gastroenterology. Emily completed her PhD at STOR-i in 2019 under the supervision of Thomas Jaki (Lancaster University) and Chris Harbron (Roche). Her thesis was titled "Late Stage Combination Drug Development for Improved Portfolio-Level Decision-Making". Prior to STOR-i, Emily completed her undergraduate degree in Mathematics at Durham University.

Dave Morton, Walter P. Murphy Professor in Industrial Engineering and Management Sciences (IEMS) at Northwestern University.

David Morton previously served as the David A. and Karen Richards Sachs Professor and IEMS Department Chair. Prior to joining Northwestern, he served on the faculty at the University of Texas at Austin and as a postdoctoral fellow at the Naval Postgraduate School. Dr. Morton advances core methodologies in stochastic and large-scale optimization for decision making under uncertainty. He has applied research interests in energy, security, and public health. He worked as a Fulbright Research Scholar at Charles University in Prague, received the Presidential Early Career Award for Scientists and Engineers, was a finalist for the EURO Excellence in Practice Paper Prize, and is an INFORMS fellow. He has served as Chair of the INFORMS Optimization Society, Chair of the Association of Chairs of Operations Research Departments, and he has chaired the Mathematical Optimization Society's Committee on Stochastic Programming.

Nicola Rennie, Data Visualisation Specialist at the Office of National Statistics.

Nicola Rennie is a data visualisation specialist at the Office for National Statistics, where she uses open source tools to build effective, interactive visualisations; develops content standards and guidance, and provides training in data communication. Nicola completed her PhD in statistics and operational research at Lancaster University in 2021, supervised by Catherine Cleophas, Adam Sykulski, and Florian Dost. After her PhD, Nicola also worked in data science consultancy and as a lecturer in Health Data Science at Lancaster University.

Nicola co-authored the Royal Statistical Society's [Best Practices for Data Visualisation](#) guidance and is a member of the Editorial Board of [Significance](#) magazine, particularly focused on data visualisation. She's also a committee member and secretary of the [Royal Statistical Society \(RSS\) Teaching Statistics Section Group](#).

Adam Sykulski, Associate Professor and Reader in Statistics in the Department of Mathematics at Imperial College London.

Adam's research is in time series, spatial and spatio-temporal statistics, with an application focus in environmental, climate and ocean sciences. Adam was previously a Lecturer and Senior Lecturer at Lancaster University (2017-22), where he supervised 6 PhD students to completion including 5 STOR-i students, and before that worked at a Climate Research Institute in the US (2014-17), as a Post-Doc Researcher at University College London (2011-14), and in corporate finance (2007-08). Adam got his PhD from Imperial College London in decision theory and game theory (2008-11).