Burwalls 2022

Annual Meeting for Teachers of Statistics in Medicine and Allied Health Sciences

Virtual Conference Hosted by Queen's University Belfast

11ᵗʰ – 13ᵗʰ July

Programme

Day 1: Monday 11th July

Morning MS Teams link – click here to join session.

10:00	**Conference Welcome / Opening Statements** Vikki O'Neill (Queen's University Belfast)
Panel 1: Going the extra mile	
10:10	**Teaching Statistics in Context: Effects of Statistics History on Student Learning.** Dean Langan (University College London)
10:30	**Community Engaged Statistics Projects.** Gareth Tribello (Queen's University Belfast)
10:50	**Short Break**
11:00	**There is no such thing as a quick question.** Owen Bodger (Swansea University)
11:20	**Passion-Driven Statistics.** Kristin R. Flaming (Valdosta State University)
11:40	*Open Discussion*
12:00	**Lunch Break**

Afternoon MS Teams link – click here to join session.

12:30	**Round Table: Discussion on choice of confidence interval (CI) "definition".** Hilary C Watt, Kay Leedham-Green, Damian Farnell, Renata Medeiros Mirra
14:00	**Close of Day 1**

Day 2: Tuesday 12th July

Panel 2: Encouraging statistics.	
10:00	**Squeezing out the statistics.** Vikki O'Neill (Queen's University Belfast)
10:10	**Interpreting medical statistics: A short education intervention for journalism students.** Eleanor Fallon (University of Limerick)
10:30	**Teaching of systematic reviewing and meta-analysis: integration of a multi-disciplinary assessment.** Dr Neil Scott (University of Aberdeen)
10:50	**Short Break**
11:00	**Diversifying course notes provision to improve course delivery in the hybrid teaching environment.** Karen Cairns (Queen's University Belfast)
11:20	**The false positive risk: a solution to the limitations of p values.** David Colquhoun (UCL)
11:40	*Open Discussion*
12:00	**Lunch Break**

12:30	**Round Table: Getting students to speak the language of statistics.** Gareth Tribello (Queen's University Belfast)
14:00	**Close of Day 2**

Day 3: Wednesday 13th July

10:00	**Burwalls update.** Vikki O'Neill (Queen's University Belfast)
Panel 3: Using software for support	
10:10	**An interactive application to understand different metrics of a diagnostic test.** Mintu Nath (University of Aberdeen)
10:30	**Do computers help students learn statistics?** Gareth Tribello (Queen's University Belfast)
10:50	**Short Break**
11:00	**Anxiety Around Learning R in First Year Undergraduate Students: Mathematics vs Biomedical Students.** Ainsley Miller (University of Strathclyde)
11:20	**Stats Lectures and YouTube.** Mike Marin (University of British Columbia)
11:40	*Open Discussion*
12:00	**Lunch Break**

12:30	Round Table: Survey of Statistics Educators: Many fail to recognise that p-values are not relevant to results amongst study participant's values. Hilary Watt (Imperial College)
13:00	**Closing Address + Burwalls Committee Discussion**
14:00	**Close of Conference**