

# Borwalls 2022



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

Virtual Conference Hosted by Queen's University Belfast

11<sup>th</sup> – 13<sup>th</sup> July

### Programme

#### Day 1: Monday 11th July

10:00	<b>Conference Welcome / Opening Statements</b> Vikki O'Neill (Queen's University Belfast)
<i>Panel 1: Going the extra mile</i>	
10:10	<b>Teaching Statistics in Context: Effects of Statistics History on Student Learning.</b> Dean Langan (University College London)
10:30	<b>Community Engaged Statistics Projects.</b> Gareth Tribello (Queen's University Belfast)
<b>10:50</b>	<b>Short Break</b>
11:00	<b>There is no such thing as a quick question.</b> Owen Bodger (Swansea University)
11:20	<b>Passion-Driven Statistics.</b> Kristin R. Flaming (Valdosta State University)
11:40	<i>Open Discussion</i>
<b>12:00</b>	<b>Lunch Break</b>
12:30	<b>Round Table: Discussion on choice of confidence interval (CI) "definition".</b> Hilary C Watt, Kay Leedham-Green, Damian Farnell, Renata Medeiros Mirra
<b>14:00</b>	<b>Close of Day 1</b>

## Day 2: Tuesday 12th July

### Panel 2: Encouraging statistics.

10:00	<b>Squeezing out the statistics.</b> Vikki O'Neill (Queen's University Belfast)
10:10	<b>Interpreting medical statistics: A short education intervention for journalism students.</b> Eleanor Fallon (University of Limerick)
10:30	<b>Teaching of systematic reviewing and meta-analysis: integration of a multi-disciplinary assessment.</b> Dr Neil Scott (University of Aberdeen)
<b>10:50</b>	<b>Short Break</b>
11:00	<b>Diversifying course notes provision to improve course delivery in the hybrid teaching environment.</b> Karen Cairns (Queen's University Belfast)
11:20	<b>The false positive risk: a solution to the limitations of p values.</b> David Colquhoun (UCL)
11:40	<i>Open Discussion</i>
<b>12:00</b>	<b>Lunch Break</b>
12:30	<b>Round Table: Getting students to speak the language of statistics.</b> Gareth Tribello (Queen's University Belfast)
<b>14:00</b>	<b>Close of Day 2</b>

## Day 3: Wednesday 13th July

10:00	<b>Burwalls update.</b> Vikki O'Neill (Queen's University Belfast)
<i>Panel 3: Using software for support</i>	
10:10	<b>An interactive application to understand different metrics of a diagnostic test.</b> Mintu Nath (University of Aberdeen)
10:30	<b>Do computers help students learn statistics?</b> Gareth Tribello (Queen's University Belfast)
<b>10:50</b>	<b>Short Break</b>
11:00	<b>Anxiety Around Learning R in First Year Undergraduate Students: Mathematics vs Biomedical Students.</b> Ainsley Miller (University of Strathclyde)
11:20	<b>Creating Educational Videos: Advice From A Decade of Experience.</b> Mike Marin (University of British Columbia)
11:40	<i>Open Discussion</i>
<b>12:00</b>	<b>Lunch Break</b>
12:30	<b>Round Table: Survey of Statistics Educators: Many fail to recognise that p-values are not relevant to results amongst study participant's values.</b> Hilary Watt (Imperial College)
13:00	<b>Closing Address + Burwalls Committee Discussion</b>
<b>14:00</b>	<b>Close of Conference</b>