**Research**

**Tuesday, March 05, 2024**

**Session Date/Time: Tuesday, March 5, 2024  -  08:30 - 09:30**

MR 332 (Level 3)

**Research: History and Philosophy of Research**

1. To understand the history of epidemiology and the contribution of anaesthesia.
2. To understand the history and philosophy of evidence-based medicine.
3. To learn from previous errors in clinical research.

08:30  
**Chair: Session Introduction**  
*Hilary Grocott, Canada*

08:32  
**History of Epidemiology and John Snow**  
*Vijay Krishnamoorthy, United States*

08:47  
**Evidenced-Based Medicine - Why It Is Important**  
*Bruce Biccard, South Africa*

09:02  
**Famous U-Turns, When Trials Don’t Support Observational Studies**  
*Philip Peyton, Australia*

09:17  
**Questions and Answers**

**Session Date/Time: Tuesday, March 5, 2024  -  13:00 - 14:00**

MR 320 (Level 3)

**Research: Preparing for a Potential Clinical Trial**

1. To understand the role of systematic reviews, and pilot trials in informing a potential clinical trial.
2. To understand where randomised controlled trials may not be needed.

13:00  
**Chair: Session Introduction**  
*Charlotte Summers, United Kingdom*

13:02  
**Does Every Clinical Question Need an RCT?**  
*Julián Aliste, Chile*

13:22  
**Elements of Clinical Trials**  
*Matthew Chan, China*

13:42  
**Questions and Answers**

**Session Date/Time: Tuesday, March 5, 2024  -  14:00 - 15:00**

MR 320 (Level 3)

**Research: Surveys and Systematic Reviews**

To understand qualitative research, surveys and systematic reviews.
**PROGRAMME**

**14:00**  
Chair: Session Introduction  
*Fauzia Khan, Pakistan*

**14:02**  
Qualitative Research  
*David Story, Australia*

**14:17**  
A “How To” Guide to Performing a Good Systematic Review  
*Rakesh Sondekoppam Vijayashankar, United States*

**14:22**  
What Makes a Good Survey?  
*Stephan Schwarz, Canada*

**14:42**  
Questions and Answers

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**Session Date/Time:** Tuesday, March 5, 2024 - 15:30 - 16:30  
**MR 333 (Level 3)**

**Research Workshop: Maximising Research at Your Local Site**

Workshop Fee: Complimentary

To understand how departmental structures may optimise research output, with respect to systems, personnel and expertise.

**15:30**  
Chair: Session Introduction  
*Luciana Cadore Stefani, Brazil*

**15:32**  
Optimising Research Output in Your Academic Department  
*Luciana Cadore Stefani, Brazil*

**15:47**  
Statistics - What to Do When You Don’t Have the In-House Expertise?  
*Leon du Toit, United States*

**16:02**  
How to Maximise the Return on a Short Term Research Fellowship  
*Nana Agya Prempeh, United States*

**16:17**  
Questions and Answers

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**Session Date/Time:** Tuesday, March 5, 2024 - 16:45 - 17:45  
**MR 333 (Level 3)**

**Research Workshop: Medical Writing**

Workshop Fee: 10 USD

To understand what is required to ensure successful journal submission, and how to avoid common mistakes.

**16:45**  
Chair: Session Introduction  
*Marcia Corvetto, Chile*

**16:47**  
Principles for a Good Initial Journal Submission  
*Jaideep Pandit, United Kingdom*
What Is Needed for a Successful Revision
Philip Jones, United States

Common Errors Resulting in Rejection
Sandra Spijkerman, South Africa

Questions and Answers
SESSION DATE/TIME: Wednesday, March 6, 2024 - 08:30 - 09:30
MR 324 (Level 3)

Research: Databases
This session focuses on how to optimise data registries for clinical research.

08:30 Chair: Session Introduction
Charlotte Summers, United Kingdom

08:32 How to Make Cohort Studies Robust
Luciana Cadore Stefani, Brazil

08:47 Propensity Score Methods
Leon du Toit, United States

09:02 Integrating Data into the Work Pathway in Low Resource Environments
Fauzia Khan, Pakistan

09:17 Questions and Answers

SESSION DATE/TIME: Wednesday, March 6, 2024 - 09:30 - 10:30
MR 324 (Level 3)

Research: Educational Research
1. To understand education research.
2. To understand the role of simulation in education.
3. To understand how to determine the impact of education on clinical care.

09:30 Chair: Session Introduction
Leon du Toit, United States

09:32 Principles of Simulation Research
Marcia Corvetto, Chile

09:52 Principles of Good Education Research
Sandra Spijkerman, South Africa

10:12 Questions and Answers

SESSION DATE/TIME: Wednesday, March 6, 2024 - 11:15 - 12:15
MR 324 (Level 3)

Research: Quantitative Research
This session addresses different strategies to quantitative clinical research in difficult environments i.e. pandemics and low resource environments.

11:15 Chair: Session Introduction
Bruce Biccard, South Africa
11:17 Statistical versus Clinical Significance  
Julián Aliste, Chile

11:32 Lessons from Leading a Multidisciplinary Trial in the Pandemic  
Charlotte Summers, United Kingdom

11:47 Establishing Pragmatic Research in Low Resource Environments  
Luciana Cadore Stefani, Brazil

12:02 Questions and Answers