

## PROGRAMME

### 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**

**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**

**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*

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- 17:02      **What Is Needed for a Successful Revision**  
*Philip Jones, United States*
- 17:17      **Common Errors Resulting in Rejection**  
*Sandra Spijkerman, South Africa*
- 17:32      **Questions and Answers**

**PROGRAMME****Wednesday, March 06, 2024****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*

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- 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**