

*7th ESO Edinburgh Stroke*

*Research Workshop*

*24th – 26th February 2020*

*St Leonard’s Hall –*

*St Trinnean’s & Bonnar rooms*

*Edinburgh First,*

*18 Holyrood Park Road,*

*Edinburgh EH16 5AY*

*Accommodation – Salisbury Green Hotel & Bistro*

**FACULTY**

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| Fergus | Doubal | Co-Chairs - Senior Lecturer in Stroke Medicine, University of Edinburgh |
| Else | Sandset | Co-Chair - Consultant in Stroke Medicine, Oslo University Hospital |
| Hanne | Christensen | Professor of Neurology, University of Copenhagen |
| Tom | Moullaali | BHF Research Training Fellow, University of Edinburgh |
| Terry | Quinn | Clinical Senior Lecturer, University of Glasgow |
| Alastair | Webb | University of Oxford |
| Frederike | van Wijck | Professor Neurological Rehabilitation, Glasgow Caledonian University |
| William | Whiteley | Scottish Senior Research Fellow, University of Edinburgh |
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| Rustam | Al-Shahi Salman | Professor of Clinical Neurology, University of Edinburgh |
| Atul | Anand | CSO Clinical Lecturer |
| Ben | Bray | IQVIA |
| Alan | Carson | Professor of Neuropsychiatry, Editor JNNP, University of Edinburgh/NHS Lothian |
| Martin | Dennis | Professor of Stroke Medicine, University of Edinburgh |
| Richard | Francis | Stroke Association |
| Euan | Haig | Naval Architect |
| Jemma | Hopewell | Associate Professor of Genetic Epidemiology and Clinical Trials, University of Oxford |
| Lisa | Kidd | Reader, University of Glasgow |
| Peter | Sandercock | Emeritus Professor of Medical Neurology, University of Edinburgh |
| Gotz | Thomalla | University Medical Centre, Hamburg |
| Joanna | Wardlaw | Professor of Applied Neuroimaging, University of Edinburgh |

**Monday 24th February 2020**

**Developing Questions**

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| **Learning objectives**  To be able to develop a research question that is relevant to:   * patients * clinical practice * science   and which has not been answered already and can be answered within reasonable time and cost constraints | | | |
| **Chair – Fergus Doubal & Else Sandset** | | | |
| 09:00-09:10 | Welcome | **Introduction, questions** |  |
| 09:10-09:20 | Welcome | **Doing research that matters to patients** | Euan Haig (F) |
| 09:20-10:20 | Lecture | **Should your study be an observational study or a clinical trial?**  Type of study | Rustam Al-Shahi Salman (F) |
| 10:20-11:00 | Lecture | **What makes a deliverable research question?**  Converting a research question into a deliverable project | Martin Dennis (F) |
| **11:00-11:30** | **Refreshment break in St Leonard’s Foyer** | | |
| **Chair – Fergus Doubal & Else Sandset** | | | |
| 11:30-12:30 |  | **Developing your idea - Session 1** | Faculty (HC, FD, ES, WW, AW |
| **12:30-13:30** | **Lunch in St Leonard’s Foyer** | | |
| **Chair – Hanne Christensen** | | | |
| 13:30-14:15 | Lecture | **How statistics makes a difference in medical research?** | Jemma Hopewell (E) |
| 14:15-15:00 | Lecture | **Trials (and Tribulations)** | Gotz Thomalla (E) |
| **15:00-15:30** | **Refreshment break in St Leonard’s Foyer** | | |
| **Chair – Fred van Wijk** | | | |
| 15:30-16:30 |  | **Developing your idea - Session 2** | Faculty (HC, GD, ES, AW…) |
| 16:30-17:00 | Lecture | View from the editor’s seat – how to be published! | Alan Carson (F) |
| 17:00-17:30 | Lecture | **How to give a good talk** | Else and Fergus |
| 17:30 |  | Close of day |  |
| 20:00 | **Pizza – Pizza Posto,** [**16 Nicolson Street, Edinburgh EH8 9DH**](https://www.bing.com/local?lid=YN1029x15507665190955369209&id=YN1029x15507665190955369209&q=Pizza+Posto&name=Pizza+Posto&cp=55.946815490722656%7e-3.1855602264404297&ppois=55.946815490722656_-3.1855602264404297_Pizza+Posto) | | |

**Tuesday 25th February 2020**

**Research Practicalities**

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| **Learning objectives**  Obtain knowledge on the planning of a research project including:  Regulations: ethics, national drug agencies/competent authorities, and data protection agencies, hospitals, MHRA, data governance   * ICH-GCP * Development of a protocol: get all the right data that can easily be analyzed and answer your question; find a format that can be shared with others * Means to ensure timely delivery | | | |
| **Chair – Tom Moullaali & Alastair Webb** | | | |
| 08:55-09:00 | Welcome | Reminder that grant application and PP deadline is tomorrow – Wednesday 9.00 am |  |
| 09:00-10:00 | Lecture | **Developing your idea – Session 3** | Faculty (AW, HC, FD, ES, TM, WW) |
| 10:00-10.30 | Lecture | **Is your research question relevant?** | Peter Sandercock (F) |
| 10.30-11:00 | **Refreshment break in St Leonard’s Foyer** | | |
| **Chair – Hanne Christensen** | | | |
| 11:00-12:00 | Lecture | **Regulation made less painful: R&D, Ethics, Medicines, and Data regulation** | Terry Quinn |
| 12:00-13:00 | **Lunch in St Leonard’s Foyer** | | |
| **Chair – Tom Moullaali** | | | |
| 13:00-13:30 | Lecture | **Not everything is numbers: answering qualitative questions to improve health** | Lisa Kidd (F) |
| 13:30-14:15 | Lecture | **Presenting data** | Ben Bray (F) |
| 14:15-14:45 | **Refreshment break in St Leonard’s Foyer** | | |
| **Chair – Terry Quinn** | | | |
| 14:45-15:15 | Lecture | **Using big data** | Ben Bray |
| 15:15-15:45 | Lecture | **How to organize your work to deliver better research** | Atul Anand (F) |
| 15:45-16:30 |  | **Speed dating** | Fred van Wijck |
| **19:30** | **Course dinner: Blonde Restaurant: 71-75 St. Leonard's Street, EH8 9QR 668 2917** | | |
| **Email your one page grant application to** [**Judi.Clarke@ed.ac.uk**](mailto:Judi.Clarke@ed.ac.uk) **by 0700hrs** | | | |

**Wednesday 26th February 2020**

**Communicating your ideas**

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| **Learning objectives**  Improve your skills as a researcher who:   * Can present work succinctly and understandably to others * Can critique others’ work positively and in a timely fashion * Can apply funding for future work * Has a good reputation as a researcher * Is a good research citizen | | | |
| **Chair – Else Sandset** | | | |
| 09:00-09:30 | Lecture | **View from the funder’s chair – how to be funded!** | Richard Francis (F) |
| 09:30-10:45 | Presentation | **Presentations and feedback**  5 minute presentation from each student, with 3 PowerPoint slides | Faculty (FD, ES, HC, WW, RF) |
| **10:45-11:15** | **Refreshment break in St Leonard’s Foyer** | | |
| **Chair – Fergus Doubal** | | | |
| **11:15-12:15** | **Written application review** | **Grant board meeting** | Faculty (FD, ES, HC, WW, RF) |
| **12:15-13:15** | **Lunch in St Leonard’s Foyer** | | |
| **Chair – Else Sandset & Fergus Doubal** | | | |
| 13:15-13:45 | Lecture | **Creating a research reputation: positive criticism, research citizenship, public communication; advocacy** | Terry Quinn |
| 13:45-14:15 | Lecture | **Where next for stroke research?** | Joanna Wardlaw (F) |
| 14:15-14:45 |  | Workshop feedback and close of meeting |  |