

DAY 1 SUNDAY 2 APRIL 2023

18:30/45 **QUEX Symposium Opening Dinner, hosted by Professor Lisa Roberts (Vice-Chancellor and Chief Executive) - Woodbridge Reed Hall**

Guests to arrive at Reed Hall at 18:30 to be seated by 18:45

A set menu will be provided, please ensure any dietary requests have been sent to QUEX@exeter.ac.uk

21:30 **End of Day 1**

DAY 2 MONDAY 3 APRIL 2023

UNIVERSITY OF EXETER BUSINESS SCHOOL

08:00 **Registration and Breakfast - XFI Building, Student Social Area**

On arrival, please check in at the welcome desk.

Continental breakfast available to all attendees to include a selection of savoury croissants, granola yoghurt pots, sweet Danish pastries, tea, coffee and juices.

08:30 **Welcome Address by Professor Lisa Roberts and Professor Deborah Terry - Bateman Lecture Theatre - Zoom Link (PW: QUEX)**

08:50 **Plenary Opening by Prof Karen Hudson-Edwards, 'Mining for Environmental Sustainability & Connecting Communities' - Bateman Lecture Theatre**

10:00 **Refreshment Break - XFI Building, Student Social Area**

10:15 **Theme Workshops**

Attendees can chose to participate in either of the below, sessions will run in parallel.

(R)evolution in Online Healthcare - Bateman Lecture Theatre - Zoom Link (PW: QUEX)

Chaired by Prof. Rob Anderson, this session will include guest speakers from both Exeter and Queensland with a panel Q&A to finish:

- Prof. Anthony Smith (UQ): About the Centre for Online Health, telehealth developments in Australia, key requirements for telehealth, & post-pandemic research priorities

- Assoc Prof. Liam Caffery (UQ): Remote monitoring – effectiveness and cost-effectiveness of remote patient monitoring

- Dr Helen Haydon (UQ): Telehealth supported palliative care

- Dr Sam van Beurden (UoE): Digital enhancement of the REACH-HF cardiac rehabilitation programme for people with heart failure

Water and the Circular Economy - Matrix Lecture Theatre - Zoom Link (PW: QUEX)

Chaired by Prof Lise Storm this session will include guest speakers from both Exeter and Queensland

- Prof Peter Hopkinson (UoE)

- Prof Jacquie Humphrey (UQ): Circular Economy and the Water Sector of South East Queensland: A QUEX collaboration

- Nicky Cunningham (UoE): Circular Economy; Engaging for Change

DAY 2 MONDAY 3 APRIL 2023 (CONTINUED)

12:15

Lunch - XFI Building, Student Social Area

*Main: Chickpea and Apricot Tagine, served with pearly coriander couscous (vegetarian) or mushroom, leek and bean gratin with cider and sage sauce (vegetarian)
Dessert: Salted caramel brownie with toffee sauce (vegan/gluten free) or New York Cheesecake with berry coulis*

13:15

PostDoc Grant Writing Panel Q&A - Constantine Leventis Room - Zoom Link (PW: QUEX)

During this session we have invited a number of academics from a variety of subjects and backgrounds. They will be offering an overview of their career, their research and the top hints and tips when writing a grant application. You will then get the opportunity to ask them any questions.

Panellists Include:

- Dr Stefano Pagliara (Associate Professor - Living Systems Institute)*
- Professor Ivana Gudelj (Professor of Evolutionary Systems Biology & Director of Research and Impact – Biosciences)*
- Professor Andrew McRae (Professor of Renaissance Studies in the Department of English & Dean of Postgraduate Research and the Exeter Doctoral College)*
- Associate Professor David Keene (Associate Professor - Trauma Rehabilitation)*
- Dr David Harris (Senior Research Fellow - Public Health and Sports Science Department)*

15:00

PHD Coffee and Cake - Constantine Leventis Room

An informal session for all of the QUEX PhD students to come together and share their experiences with peers. Refreshments will be provided!

16:30

End of Day 2

08:00

Registration and Breakfast - XFI Building, Student Social Area

On arrival, please check in at the welcome desk.

Continental breakfast available to all attendees to include a selection of savoury croissants, granola yoghurt pots, sweet Danish pastries, tea, coffee and juices.

08:30

Theme Workshops

Attendees can choose to participate in any of the below, sessions will run in parallel.

Global Health Resilience - Bateman Lecture Theatre - Zoom Link (PW: QUEX)

Chaired by Prof. Rob Anderson, this session will include guest speakers from both Exeter and Queensland with a panel Q&A to finish:

Prof. Mark Blaskovich (UQ): Crowdsourcing new antibiotics - a solution to the antimicrobial resistance crisis?

Dr Emma Pitchforth (UoE): Health systems resilience: what can we learn?

Alison Pearson (UoE): On resilience of care professionals/workforce: lessons form Care Under Pressure

Emerging Contaminants and Ecosystem Risks - Matrix Lecture Theatre - Zoom Link (PW: QUEX)

Chaired by Prof Lise Storm, this session will include guest speakers from both Exeter and Queensland followed by open discussion.

Prof Tamara Galloway (UoE)

Prof Kevin Thomas (UQ): Our Emerging Contaminant Footprint

Prof Eduarda Santos (UoE): Living in a Stressful World: The Consequences of Exposure to Metal Pollutants in Fish

Technology and Design at Work - Constantine Leventis Room - Zoom Link (PW: QUEX)

Chaired by Dr James Muldoon

Professor Gavin Tabor, "Bayesian Optimisation with Computational Fluid Dynamics"

Professor Stephen Viller, "Human-Centred Design for Disruptive Technologies and Possible Futures"

Dr James Muldoon, "Digital Matchmakers: Placement Agencies and Digital Platforms in the Carework Market"

Followed by PhD presentations from Jess Holland and Joshua Joyce

10:30

Refreshment Break - XFI Building, Student Social Area

10:45

PhD Student Presentations

Student led presentations and 3 minute Thesis talks, attendees are welcome to join either set (running in parallel)

Set A - Bateman Lecture Theatre - Zoom Link (PW: QUEX)

Frankie Cho: Correlated risks limit potential diversification opportunities in national tree planting for decarbonisation

Oliver Blewett: Picturing climate migration

Babak Zolghadr Asli: Discourse over the sustainability of irrigation with desalinated water in light of the water-energy-food nexus

Leah Clarke: Antimicrobial resistance in Australian wastewater

Samuel Kraus: Combatting Antimicrobial resistance using Bacteriophage-Antibiotics co-treatment

Yusra Rabbani: Nanocellulose Crystal Hydrogel Encapsulated Plasmonic Nanosensors for Detection of Reactive Oxygen Species (ROS): Towards a Sensing Bandage

Abigail Lloyd: Impact of comorbidity on treatment decisions and outcomes for ovarian cancer patients

Set B - Matrix Lecture Theatre - Zoom Link (PW: QUEX)

Samuel Rudd: A patient specific total disc replacement to treat degenerative disc disease

Alice Lester: Sleep, cognition and cerebrovascular function across the lifespan

Monika Walia: Understanding climate change and mental health across the UK and Australia

Naomi Fitzpatrick: Development and validation of the Electronic Device Use Questionnaire: a new tool to monitor use of electronic devices

Caitlin Decina: Examining the association between fetal HLA-C and maternal KIR haplotypes and birth weight

Madie Eve: Investigating the Molecular Basis of APP Interacting Proteins in Alzheimer's Disease

12:15

Lunch - XFI Building, Student Social Area

Main: A selection of sandwiches and wraps, falafel/hummus and crudités, along with salads of red cabbage, celeriac and onion slaw, topped with pumpkin and nigella seeds, and a noodle salad, Chinese cabbage, onion, chilli, ginger and carrot, dressed with black sesame, lime and soya sauce.

Dessert: Chocolate and clementine torte (vegan/gluten free) and classic crème brulee

13:15

Impact and Commercialisation Workshop - Constantine Leventis Room - Zoom Link (PW: QUEX)

The Impact and Commercialisation Workshop will discuss how to generate impact from your research to create economic, social, and environmental value. Aimed at QUEX PhD students, early career researchers and academic staff, the session will inform you about routes to making your research financially sustainable, tips on securing industry partnerships and how this can have an impact in society.

15:00

Skills Fair Drop In - The Pearson Teaching Room

An informal drop in session for students to speak with staff from a variety of services at the University:

Careers & CV's

Doctoral College

Entrepreneurship

Global Partnerships will also have a stand for any professional service staff interested in discussing the PS fellowship opportunity.

Running in parallel to the drop in session, students may also wish to participate in the following workshops:

Research Culture: Principles of Authorship & Transparency of Contributions - Bateman Lecture Theatre - Zoom Link (PW: QUEX)

Policy Engagement - Matrix Lecture Theatre - Zoom Link (PW: QUEX)

17:00

Closing Drinks Reception - XFI Building, Student Social Area

Hosted by Prof. Richard Follett (Deputy Vice-Chancellor Global Engagement) all attendees are invited to join for drinks and nibbles to celebrate the success of the Symposium and bid farewell to our UQ guests.

18:30

End of Day 3