

POSTGRADUATE RESEARCH STUDENT SYMPOSIUM

15 January 2024

Faculty of Health and Life Sciences



Welcome

We warmly welcome you to the 2024 Health and Life Sciences Faculty Postgraduate Research Student Symposium. The event offers an excellent opportunity for our hard-working PhD students to showcase their work and receive feedback from a wider audience. In addition to inspiring talks and informative posters, it is also a great chance to talk to our trusted suppliers and organisations who have kindly agreed to sponsor the event.

Professor Koula Asimakopoulou

Associate Dean: Research and Knowledge Exchange

Professor Susan Brooks

Senior Postgraduate Tutor and Director of Researcher Development

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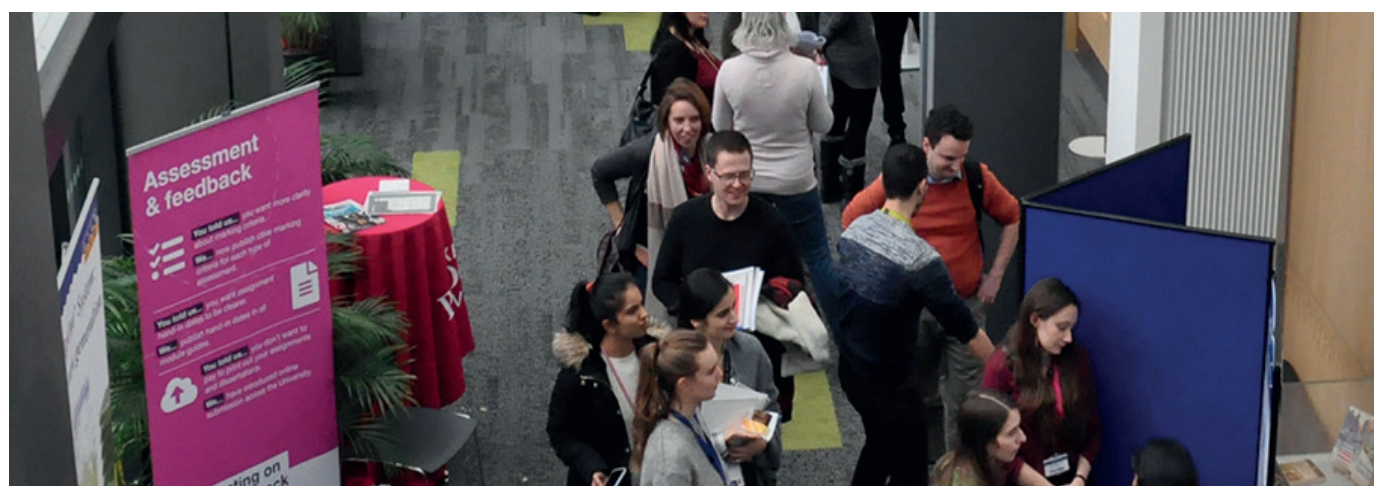


Oral Presentation Schedule

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| 8.15 - 9:30 | Coffee, tea and Danish pastries available in the Poster Halls (Sir Kenneth Wheare Hall, Room CLC.G.03) | |
| 9.00-9.15 | Sir Kenneth Wheare Hall (CLC.G.02) Welcome Professor Astrid Schloerscheidt (Pro Vice-Chancellor, Dean of the Faculty of Health and Life Sciences) Professor Linda King (Pro Vice-Chancellor, Research and Global Partnerships) | |
| Presentations | | |
| | Sir Kenneth Wheare Hall (CLC.G.02) | Clerici Learning Studio (CLC.1.12) |
| | <i>Session Chair: Dr Jackie Parsonage-Harrison</i> | <i>Session Chair: Dr Flávia Moreira-Leite</i> |
| 9.20 | Shannon Kong Two-to-one mapping: Testing an alternative model of the mutual exclusivity bias in bilingual infants Department of Psychology, Health and Professional Development | Gabrielle Raymond Characterising the function of the transcription factor NF χ L1 across <i>Drosophila melanogaster</i> development Department of Biological and Medical Sciences |
| 9.40 | Julie Bennett Nostalgia, authenticity, and wellbeing in autistic young adults Department of Psychology, Health and Professional Development | Tom Potter Localisation of the steroid 5 β -reductase: implications for bile acid and steroid hormone metabolism Department of Biological and Medical Sciences |
| 10.00 | Harpreet Singh Investigating neural basis of biased attention to self-relevant information in depression Department of Psychology, Health and Professional Development | Pareena Verma Antimicrobial target identification by Genome-Scale Metabolic Modelling Department of Biological and Medical Sciences |

Oral Presentation Schedule

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|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.20-10.50 | Tea & coffee (Sir Kenneth Wheare Hall, Room CLC.G.03) | |
| Presentations | | |
| | Sir Kenneth Wheare Hall (CLC.G.02) | Clerici Learning Studio (CLC.1.12) |
| | Session Chair: Dr Georgia Cook | Session Chair: Dr Stuart Whigham |
| 10.50 | Lian Lee An exploratory qualitative study on communication experiences by nurses when assisting in robotic surgery Oxford School of Nursing and Midwifery | Ali Golchoobian The effect of low and high salt intake on hydration status and gastrointestinal discomfort during seven hours of dry fasting Department of Sport, Health Sciences and Social Work |
| 11.10 | Katie Mills A focused ethnography exploring shared decision-making between community nurses and patients: the ethics and challenges of observation in the home setting Oxford School of Nursing and Midwifery | Matthew Poulter Nutritional Health of UK Prisoners Department of Sport, Health Sciences and Social Work |
| 11.30 | Lucy Parsons Enabling a Culture of Evidence-Based Practice by Nurse Leaders Oxford School of Nursing and Midwifery | Sarah Paterson Understanding Physical Activity Behaviour in People with Stroke Department of Sport, Health Sciences and Social Work |
| 11.50 | Diana Yardley I don't know if I call it neglect - but what is happening when we can't get adherence to happen at home?" Exploring specialist paediatric diabeteshealthcare professionals' experiences of safeguarding and child protection Oxford School of Nursing and Midwifery | Leanne Field Positive Risk Taking within Social Care for Adults with Physical Disabilities: A review of guidelines in practice in England Department of Sport, Health Sciences and Social Work |
| 12.10-13.40 | Lunch, Poster sessions (Sir Kenneth Wheare Hall, Room CLC.G.03) | |



Oral Presentation Schedule

| | Presentations | |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Sir Kenneth Wheare Hall (CLC.G.02) | Clerici Learning Studio (CLC.1.12) |
| | Session Chair: Dr Christopher Dodd | Session Chair: Professor Dianne Newbury |
| 13.40 | <p>Claire Coughlan A systematic review to explore the follow up care needs of bowel cancer survivors and inform a study of the priorities of seldom heard groups Oxford School of Nursing and Midwifery</p> | <p>Foteini Mavromatti Stim-CP: An intensive intervention to improve function in order to facilitate participation for young people with CP Department of Sport, Health Sciences and Social Work</p> |
| 14.00 | <p>Becky Parker Midwives' experience of managing emergencies during labour and birth in a community setting Oxford School of Nursing and Midwifery</p> | <p>Molly Hair Express flagellum assembly: Insights into how Plasmodium microgametocytes assemble eight flagella in 10 minutes Department of Biological and Medical Sciences</p> |
| 14.20 | <p>Carol Forde-Johnston "There's three of us in this relationship; the patient, the computer and me!" An exploration of the quality of nurse-patient interactions when nurses use an Electronic Patient Record (EPR) system in an acute care setting Oxford School of Nursing and Midwifery</p> | <p>Alastair McGinness Plant-based systems for production of human therapeutics Department of Biological and Medical Sciences</p> |
| 14.40-15.10 | Tea & coffee (Sir Kenneth Wheare Hall, Room CLC.G.03) | |
| | Session Chair: Dr Lauren Matheson | Session Chair: Dr Alan Marron |
| 15.10 | <p>Ria Betteridge Do nurses consider wound care as a fundamental of nursing practice? Oxford School of Nursing and Midwifery</p> | <p>Joanna Cull Investigations Into O-linked Glycosylation and Its Functional Significance in Model Epithelial Cell Lines Department of Biological and Medical Sciences</p> |
| 15.30 | <p>Liz Jestico Shaping Confidence to Advocate for My Child: What it means for parents to be supported by 'significant others' with making decisions when their child has cancer Oxford School of Nursing and Midwifery</p> | <p>Emily Hood Investigating the Functional Effects of Genes Involved in Male Genital Divergence between Drosophila Species Department of Biological and Medical Sciences</p> |
| | Sir Kenneth Wheare Hall (CLC.G.02) | |
| 16.00 | <p>"But are you a REAL doctor?" Trials and tribulations of doing a PhD Professor Koula Asimakopoulou Associate Dean: Research and Knowledge Exchange, Faculty of Health and Life Sciences</p> | |
| 16.30 | Prize giving & closing remarks | |

Poster Sessions

| Poster number | Project Title |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P1 | A Comparative Evaluation of Point of Care Testing (POCT) Devices for High-Sensitivity Troponin I (hsTPI) Betty Biney, Department of Biological and Medical Sciences, Oxford Brookes University |
| P2 | Analytical comparison of two biomarkers (sFlt-1 and PIGF) used to aid diagnosis of preeclampsia in pregnant women Rhianon Marr, Department of Biological and Medical Sciences, Oxford Brookes University |
| P3 | Antisemitism in British Football: Examining Good Practice in Anti-Discrimination Educational Initiatives Bonita Corrie-Lunn, Department of Sport, Health Sciences & Social Work, Oxford Brookes University |
| P4 | Deciphering the roles of the flagellum attachment zone in Leishmania surface adhesion Barrack O. Owino, Department of Biological and Medical Sciences, Oxford Brookes University |
| P5 | Do mobile and electronic health technologies used by people with lung cancer affect physical functioning and wellbeing? A Systematic Literature Review Suriya Kirkpatrick, Oxford School of Nursing and Midwifery, School of Nursing and Midwifery |
| P6 | Examining the culture of British South Asians and its impacts on sports participation Aafreen Zamaan, Department of Sport, Health Sciences and Social Work |
| P7 | Examining the effect of cooling vests on ventilatory and lactate thresholds (ie., VT1 and VT2, and LT1 and LT2) in hot and cold environments Francis Gee, Sport, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P8 | Exploring nurse leaders' experiences of clinical accreditation: An integrative review of the literature Alex West-Oram, Oxford School of Nursing and Midwifery, Oxford Brookes University |
| P9 | Exploring the role of extracellular vesicles and Tn antigen in the crosstalk between cancer cells and endothelial cells in metastasis Hajrah Azmat, Department of Biological and Medical Sciences, Oxford Brookes University |
| P10 | GALNTs: master regulators of epithelial-mesenchymal transition? Ternisha Thompson, Department of Biological and Medical Sciences, Oxford Brookes University |
| P11 | How can we better understand the use of language and terms used in relation to urban food growing? Chris Blythe, Department of Psychology, Health & Professional Development, Oxford Brookes University |
| P12 | Investigating the Molecular Mechanism of Groucho Protein Function During Development in Drosophila Melanogaster Alara Erenel, Department of Biological and Medical Sciences, Oxford Brookes University |
| P13 | Life after critical illness: a Qualitative Evidence Synthesis, Elizabeth King, MORES, Department of Sport, Health Sciences & Social Work, Oxford Brookes University |
| P14 | Measurement properties of musculoskeletal tests used to assess women with chronic pelvic pain: a systematic review Katie Gore, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P15 | Molecular Dissection of the Nuclear Envelope – Endoplasmic Reticulum Interface Using High-Resolution Imaging Nadine Field, Endomembrane Structure and Function Research Group and Centre for Bioimaging, Department of Biological and Medical Sciences, Oxford Brookes University |

Poster Sessions

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| P16 | Neural and neuromuscular movement control and predictors of ACL injury risk Niall Ashworth, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P17 | Novel Viral Fossils in Frogs & Toads Hayley Beth Free, Department of Biological and Medical Sciences, Oxford Brookes University, and The Zoological Society of London |
| P18 | Reconceptualising holistic talent development within Women's football. A focus on the environment and the individual Joe Prosser, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P19 | The characterisation of teicoplanin resistant/tolerant system in <i>Streptomyces coelicolor</i> using CRISPR/Cas9 based gene editing Katie Murray, Department of Biological and Medical Sciences, Oxford Brookes University |
| P20 | The Effects of Photobiomodulation (PBM) on Recovery: A 4-week trial comparing duration of DOMS before and after the use of PBM Lexie Spurr, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P21 | The effects of rehabilitation interventions on functional status in people with an acute spinal cord injury: A systematic review and meta-analysis Dylan Howell, Department of Sport, Health Sciences and Social Work, Oxford Brookes University |
| P22 | The hunger games: A single cell-study of starvation conditions in the freshwater planarian <i>Schmidtea mediterranea</i> Dianali Rodriguez Fernandez, Department of Biological and Medical Sciences, Oxford Brookes University |
| P23 | The influence of diet in the brain at a single-cell level Mario Victor Simo Hernando, Department of Biological and Medical Sciences, Oxford Brookes University |
| P24 | The Participation of Young Women Aged 16-24 in Mental Health Surveys: An Overview of a PhD Project Abigail Wright, Department of Psychology, Health and Professional Development, Oxford Brookes University |
| P25 | The role of actin isoforms in cancer adhesion of the endothelium during metastasis Bethy Airstone, Department of Biological and Medical Sciences, Oxford Brookes University |
| P26 | The role of transition fibres in regulating flagellum growth in trypanosomes Grace Duffy, Department of Biological and Medical Sciences, Oxford Brookes University |
| P27 | To bee or not to bee – Characterising an unusual nicotinic acetylcholine receptor from the honeybee, <i>Apis mellifera</i> Emily B. Armstrong, Department of Biological and Medical Sciences, Oxford Brookes University |
| P28 | To what extent is there a relationship between an instrumented walking test and physical activity in the community, for individuals with Congenital Myasthenic Syndrome Hayley Ramjattan, Oxford School of Nursing and Midwifery, Oxford Brookes University |
| P29 | Transitioning Experiences of Internationally Educated Nurses in Host Countries. A Narrative Systematic Review Aasia Rajpoot, Oxford School of Nursing and Midwifery, Oxford Brookes University |
| P30 | What interventions do community heart failure nurses use when caring for patients with heart failure preserved ejection fraction (HFpEF) – A literature review Helena Masters RGN, Heart Failure Nurse Specialist, Queens Nurse Doctoral, Oxford School of Nursing and Midwifery, Oxford Brookes University |

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The Society boasts a large number of students among its membership and runs a number of activities specifically aimed at Early Career microscopists. These include an annual Early Career Speakers' Competition, Summer Studentship opportunities, travel bursaries and discounts for high profile scientific conferences – including the biennial RMS flagship event, Microscience Microscopy Congress (mmc).

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