

# POSTGRADUATE RESEARCH STUDENT SYMPOSIUM

15 January 2024

Faculty of Health and Life Sciences



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# 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

## **The organising committee of the Postgraduate Symposium 2024:**

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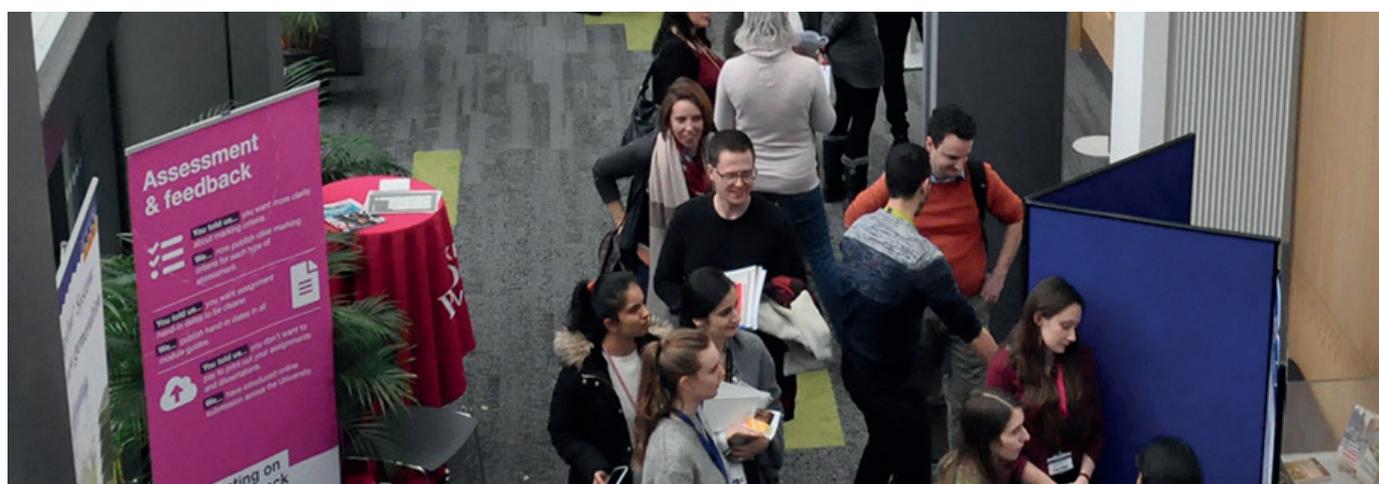


## Oral Presentation Schedule

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

# Oral Presentation Schedule

10.20-10.50	<b>Tea &amp; coffee (Sir Kenneth Wheare Hall, Room CLC.G.03)</b>	
<b>Presentations</b>		
	<b>Sir Kenneth Wheare Hall (CLC.G.02)</b>	<b>Clerici Learning Studio (CLC.1.12)</b>
	<i>Session Chair: Dr Georgia Cook</i>	<i>Session Chair: Dr Stuart Whigham</i>
10.50	<p><b>Lian Lee</b> An exploratory qualitative study on communication experiences by nurses when assisting in robotic surgery Oxford School of Nursing and Midwifery</p>	<p><b>Ali Golchoobian</b> 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</p>
11.10	<p><b>Katie Mills</b> 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</p>	<p><b>Matthew Poulter</b> Nutritional Health of UK Prisoners Department of Sport, Health Sciences and Social Work</p>
11.30	<p><b>Lucy Parsons</b> Enabling a Culture of Evidence-Based Practice by Nurse Leaders Oxford School of Nursing and Midwifery</p>	<p><b>Sarah Paterson</b> Understanding Physical Activity Behaviour in People with Stroke Department of Sport, Health Sciences and Social Work</p>
11.50	<p><b>Diana Yardley</b> 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</p>	<p><b>Leanne Field</b> 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</p>
12.10-13.40	<b>Lunch, Poster sessions (Sir Kenneth Wheare Hall, Room CLC.G.03)</b>	



# Oral Presentation Schedule

Presentations		
	Sir Kenneth Wheare Hall (CLC.G.02)	Clerici Learning Studio (CLC.1.12)
	<i>Session Chair: Dr Christopher Dodd</i>	<i>Session Chair: Professor Dianne Newbury</i>
13.40	<p><b>Claire Coughlan</b> 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><b>Foteini Mavromatti</b> 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><b>Becky Parker</b> Midwives' experience of managing emergencies during labour and birth in a community setting Oxford School of Nursing and Midwifery</p>	<p><b>Molly Hair</b> Express flagellum assembly: Insights into how Plasmodium microgametocytes assemble eight flagella in 10 minutes Department of Biological and Medical Sciences</p>
14.20	<p><b>Carol Forde-Johnston</b> "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><b>Alastair McGinness</b> Plant-based systems for production of human therapeutics Department of Biological and Medical Sciences</p>
14.40-15.10	<b>Tea &amp; coffee (Sir Kenneth Wheare Hall, Room CLC.G.03)</b>	
	<i>Session Chair: Dr Lauren Matheson</i>	<i>Session Chair: Dr Alan Marron</i>
15.10	<p><b>Ria Betteridge</b> Do nurses consider wound care as a fundamental of nursing practice? Oxford School of Nursing and Midwifery</p>	<p><b>Joanna Cull</b> Investigations Into O-linked Glycosylation and Its Functional Significance in Model Epithelial Cell Lines Department of Biological and Medical Sciences</p>
15.30	<p><b>Liz Jestic</b> 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><b>Emily Hood</b> Investigating the Functional Effects of Genes Involved in Male Genital Divergence between Drosophila Species Department of Biological and Medical Sciences</p>
	<b>Sir Kenneth Wheare Hall (CLC.G.02)</b>	
16.00	<p><b>"But are you a REAL doctor?" Trials and tribulations of doing a PhD</b> <b>Professor Koula Asimakopoulou</b> Associate Dean: Research and Knowledge Exchange, Faculty of Health and Life Sciences</p>	
16.30	<b>Prize giving &amp; closing remarks</b>	

## Poster Sessions

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

## Poster Sessions

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

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