



ANNUAL REPORT

Academic year 2021/22

1. OxINMAHR overview and structure

OxINMAHR comprises a community of inter-disciplinary scholars linked by a common goal to produce world-class health and social care research which will change clinical practice and improve patient care. The core aims are: (a) to produce high quality research which aligns (inter)national health and social care priorities, and (b) to develop research capacity within and across NMAHPs.

The Institute has three research centres:

Research Centre: Movement, Occupation and Rehabilitation Sciences (including Clinical Exercise and Rehabilitation, Movement Science, Occupational Science, Clinical Applied Nutrition, Musculoskeletal Trauma)

Research Centre: Nursing, Midwifery, Health and Social Care (including Supportive Cancer Care and Long Term Conditions, Children and Families, Workforce, Maternity and Childbirth)

Research Centre: Nutrition and Health

2. OxINMAHR UoA3 REF 2021 results

- 83% of our research impact was internationally excellent
- 89% of our research outputs were world leading or internationally excellent
- 87.5% of our multi-disciplinary research environment was rated as internationally excellent
- 57% of our submitted researchers were women

Our overall research quality has increased significantly since REF2014 with our ranking , according to THE, rising 38 places

3. OxINMAHR publications 2021/22 academic year

Over the past academic year, OxINMAHR researchers have **published n=74** peer-reviewed publications in a wide range of high quality journals including:

- Journal of Motor Behaviour
- Research in Developmental Disabilities
- Journal of the American Medical Association
- Evidence-Based Mental Health
- Journal of Cancer Policy
- British Medical Journal
- Supportive Care in Cancer
- Journal of Adolescence
- Clinical Nutrition
- Psycho-Oncology
- Disability and Rehabilitation
- Frontiers in Physiology
- European Journal of Cancer Care
- Journal of Clinical Nursing
- Nutritional Neuroscience
- Journal of Midwifery and Women's Health



4. OxINMAHR grant activity 2021-2022 academic year

OxINMAHR BIDS SUBMITTED	
Bids Submitted (n)	54
Submissions internally led (n)	18
Submissions internally led - Other Faculty	5
Submissions externally led (n)	31
Bids submitted TOTAL (£)	£21,290,720.69
Bids submitted (Internally led) (£)	£5,513,381.12
OxINMAHR BIDS AWARDED	
Bids awarded (n)	25
Bids awarded TOTAL (£)	£3,648,649.76
Bids awarded (internally led) (£)	£1,159,811.00



5. Research Capacity and Capability Development

- **OUHT Research Capacity and Capability Grant**

A grant worth over £750,000 will enable OxINMAHR and Oxford University Hospitals NHS Trust (OUHT) to develop research capability and capacity, and provide research education and training across the two organisations. The grant will: support the development of an evidence-based workforce; establish and implement a clinical academic pathway; embed research capability within the OUHT workforce; and deliver research educational programmes. The grant will fund four clinical academic posts and the post-holders will lead internship/fellowship applications, submit collaborative grant bids, and supervise research students.

- **HEE Internships**

Two HEE-funded OxINMAHR NMAHP Internships have been awarded to commence in September 2022. These are:

- Hayley Alderton (joint offer with the ARC) from Berkshire Healthcare NHS Foundation Trust
- Shane Logan from South Central Ambulance Service NHS Foundation Trust.

6. New OxINMAHR appointments

- Mr Boki Savelyich: OxINMAHR Research Governance and Commercial Research Manager
- Dr Zoe Davey: Research Fellow (Medical and Health Statistics)
- Dr Lauren Matheson: Research Fellow – Administrative support
- OxINMAHR/OUHT Divisional Research Leads (23 months duration)
 - Dr Sarah Vollam
 - Dr Clair Merriman
 - Dr Sheera Sutherland
 - Dr Louise Stayt



7. Internal Research Awards

- **Garfield Weston Foundation Research Award 2022 (£40K)**
Dr Louise Stayt: “Co-production of an intervention to support self-management of fatigue after critical illness (F-ACT)”
- **OxINMAHR Research Development Award (2022/2023) (£72K)**
Dr Lauren Matheson: “Improving self-efficacy for recognising and reporting signs of recurrence following treatment for primary breast cancer”
- **OBU Research Excellence Awards 2022**
 - Jonathan Tamnam: “Screening, assessment and management of malnutrition in cancer patients who are overweight, prior to treatment”
 - Olga Kozłowska: “Review of evidence on virtual communication in adult social care: experiences of citizens and their carers”
- **OBU Research Excellence Awards for Postdocs & Technicians 2022**
 - Foteini Mavrommati: “Gait outcomes in children and adolescents with Cerebral Palsy”

8. Doctoral Training Programme

- **Completions: n= 8 in the last academic year (to July 2022)**

The role of exosomes in the inflammatory response to high and low intensity exercise	Dawes
Executive Function in Children with and without Developmental Coordination Disorder	Barnett
Development of an acceptable, safe and feasible physical activity intervention for haemodialysis patients	Esser
A collective case study to critically evaluate the educational preparation of registered nurses in Higher Education institutions in relation to pressure ulcer assessment and identification, specifically focusing on skin tone diversity.	Aveyard
The effect of high-polyphenol sumac on food intake in younger and older adults, using sensory and appetite analysis.	Lightowler
A mixed method investigation to develop a specialised occupational therapy theory based intervention manual for use with young people with emerging mental health issues.	Collett
Understanding maternal attitudes to antibiotic use: a community-based case study.	Henshall
Death and dying in the emergency department: a phenomenological study of the experiences of family members and nursing staff	Aveyard

- **New PhD scholarships awarded in the last academic year (n=7)**

Optimising head and neck cancer follow-up care - enhancing patients' self-efficacy for symptom monitoring and self-examination: a mixed-methods study	Matheson
Nostalgia, authenticity and wellbeing in autistic individuals.	Rathbone
Development of word learning heuristics in monolingual and bilingual infants	Connelly
Standing up for Cerebral Palsy 2:a roll-out exercise and lifestyle programme in mainstream and special needs schools in the UK	Coe
Diet, nutrition and health in UK prisons	Tammam
Self and Emotion in Depression	Kumar
Nonlinear pedagogy to support children in play and physical activity	Wilmot

- **Doctorate in Nursing final stage projects (n=19)**

An exploration of the experience of mental health nurses who have been assaulted by patients in secure mental health settings.	Kozłowska
Chief Nurses reflection of effective leadership	Scott
How does obesity influence quality of life, symptoms and patient experiences following catheter ablation for atrial fibrillation?	Watson
To explore the self-management (SM) practices used by people with haematological malignancies and consider how services might best support these’.	Watson
Experiences and support needs of adult carers of adults at risk of suicide: a mixed methods study	Aveyard
Chief Nurses’ views of the effectiveness in critical incident judgement	Butcher
What enables senior nurse leaders to develop a culture of evidence-based practice?	Aveyard
To what extent is wound care perceived to be a fundamental of nursing care?’ A sequential exploratory mixed methods collective case study.	Aveyard
How do organisational and social contexts influence nutritional intake during mealtimes on a care of the older person ward?	Aveyard
Optimising follow up for patients treated for colorectal cancer from seldom heard groups	Alexis
Nurses' experiences of delivering and planning care for patients with dementia-related behaviours: an observational and interview study.	Kozłowska
Nurses’ experience of decision making about the use of constant observations in the management of self-harm and suicide in forensic mental health settings.	Kozłowska
What is the experience of professional enjoyment of nursing?	Schutz
What are the communication challenges registered nurses (RNs) experience when assisting in Robotics-Assisted Surgery (RAS)? An Exploratory Qualitative Study Using Critical Incident Technique	Schutz
A focused ethnography to explore the way in which the interaction between the person with long-term conditions in the home setting and the community nurse contributes to patient engagement in decision making	Aveyard
An exploration of Practice Supervision in pre-registration nurse education	Butcher
A critical examination of the experiences of community nurse specialists (CRNS) caring for chronically breathless patients	Schutz
What do nurses think the future role of robots could be in assisting the delivery of therapeutic nursing care?’	Aveyard

9. Selected OxINMAHR Public Engagement activities

Some of the main public engagement with research activities included:

Dr. Jackie Parsonage (Occupational Therapy) was a panel member at “Think Human Festival” at OBU. See: <https://twitter.com/gsoh31/status/1511769668931010579>

The Team @Fortee_project (Sport and Exercise Science) delivered a ‘Science Bazaar Saturday’ and follow up workshop at St Gregory the Great Catholic School. https://twitter.com/Kim_Straun/status/1443561263901159430/photo/1 and https://twitter.com/Kim_Straun/status/1442855780076691458

Dr. Emma Davies (Prevention Science Group) won funding for a public engagement project called dry disco. https://twitter.com/I_am_emma/status/1479727070381060096 and https://twitter.com/I_am_emma

Several researchers from OxINMAHR were featured in a “My Science Bazaar Research competition” encouraging parents and teachers to get young people to generate new science research ideas. [https://radar.brookes.ac.uk/radar/file/db5639b7-4fe7-4720-9ac8-e8aac46b64f7/1/My%20Bazaar%20Competition%202022%20\(5\).pdf](https://radar.brookes.ac.uk/radar/file/db5639b7-4fe7-4720-9ac8-e8aac46b64f7/1/My%20Bazaar%20Competition%202022%20(5).pdf)

Dr. Sangeetha Thondre (Nutrition) and DR. Emma Davies took part in a public engagement event at the Natural History Museum called Edible Streets. https://twitter.com/I_am_emma/status/1464577450579533824/photo/1