

Warwick Research in Nursing

Warwick Medical School

University of Warwick



16th Annual Report

1st August 2022 to 31st July 2023

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Professor Kirstie Haywood [R] receiving her *Excellence in Gender Equality Award* from Professor Kate Seers, chair of the Institutional Athena Swan Self-Assessment Team.

Director's Message

I'm delighted to report that Warwick Research in Nursing Research Centre has continued develop our track record in securing prestigious external funding and producing a large number of high quality, impactful publications. We have continued to supervise some outstanding PhD students and contribute to teaching at WMS (details of all these in the Annual Report).

We've worked hard to get a balance between remote and face to face working. We have found that working remotely, mainly on MS Teams, has had the added benefit of being more accessible for many of our patient and public collaborators.

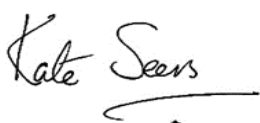
Our research has continued to focus on our four research themes of patient and public involvement, experiences of care, health outcomes, and translating knowledge into practice. All of our research is collaborative, working with patients and the public, with others in Warwick Medical School and across the wider University as well as with our national and international collaborators.

As always, this year we have been well supported by Warwick Medical School, and I would like to thank Professor Sudhesh Kumar, Dean, Professor Paramjit Gill, Head of Division and Professor Anne Slowther, Head of Unit until March 2022, for all their support. Anne handed on the baton as Head of Unit to me in March, and I am delighted to be leading our Social Sciences and Systems in Health Unit, supported by our Deputy Unit Head Professor Felicity Boardman and unit co-ordinator, Rachel Morgan.

I would like to pay tribute to all staff and students in our Warwick Research in Nursing group. You are all so committed to delivering on our vision "to generate knowledge that makes a difference in nursing, health and social care and is developed through partnership with researchers, health care professionals, patients, carers and the public." You are all generous with your support of each other and of me. We are delighted to be working over the last year with Research Fellows Rinita Dam and Julia Walsh, and project administrator Candice Chang. You've been great additions to our group. Kirstie was winner of the University's Excellence in Gender Equality Award, well done Kirstie. You can read an interview with her about the award here <https://tinyurl.com/4ye9asn3>. We wished Vivien Nichols a very happy retirement at the end of March. You will be missed Vivien.

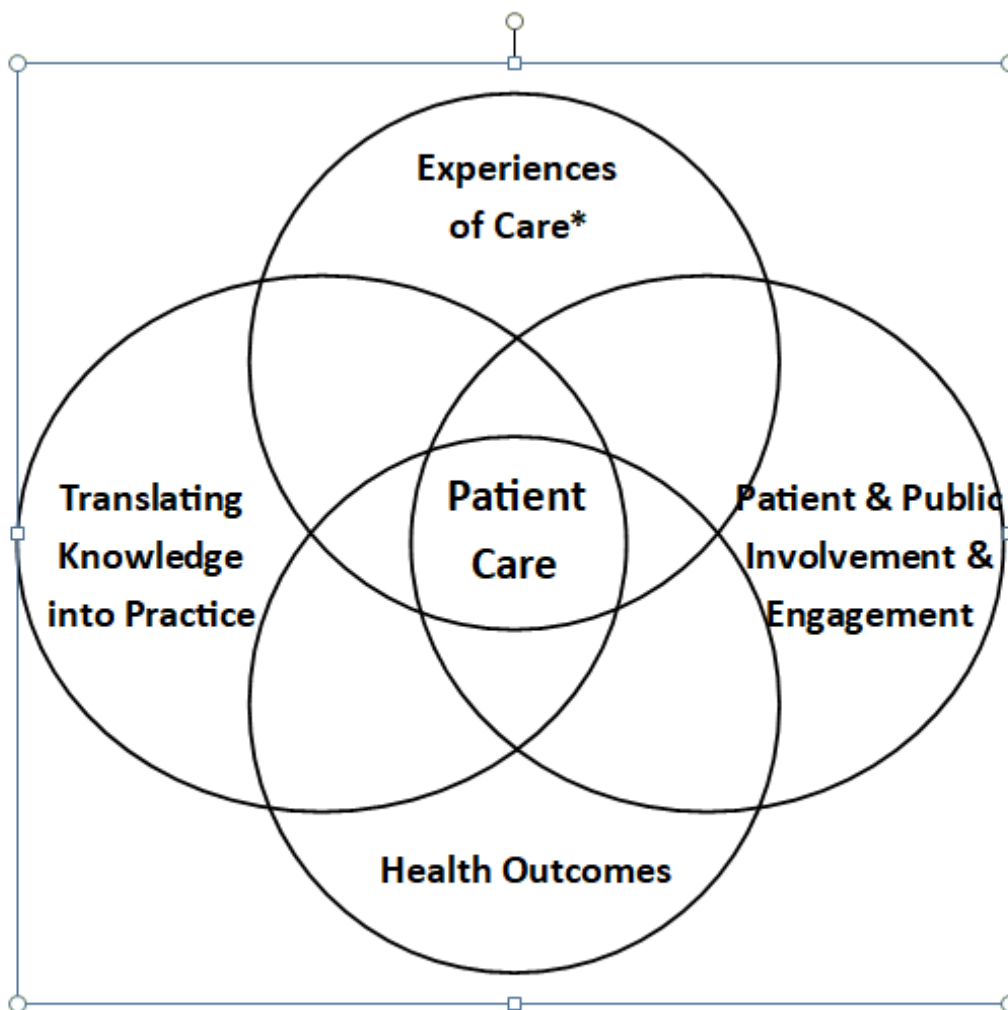
I am looking forward to what the new academic year will bring. We look forward to working with a new Dean, Professor Gavin Perkins, and a new Head of Division, Professor Amy Grove in the coming months.

Kind regards

A handwritten signature in black ink that reads "Kate Seers". The signature is written in a cursive style with a long horizontal flourish at the end.

Kate Seers, Professor of Health Research and Director, Warwick Research in Nursing, August 2023

Warwick Research in Nursing has four related overarching themes.



*Patients/Carers/Healthcare Professionals experiences

Revised 18-5-23

We focus on understanding and improving care through high quality research and teaching.

Summary of Progress 2022-2023

Ongoing Research

Warwick Research in Nursing (WRiN) is a Research Centre which focuses on understanding and improving care. We have four research themes: patient and public involvement); experiences of care); health outcomes and translating knowledge into practice. We have leads for each theme and WRiN members work across themes. Our website has more details: <https://warwick.ac.uk/fac/med/research/hscience/wrn/>

Publications

The Warwick Research in Nursing team has been very productive over the past year. We have had 29 publications in 2022/2023. Our work remains highly cited and has impact, helping us to fulfil our vision which includes generate knowledge that makes a difference. You can find our publications on page 9.

Grants

We have been very successful in generating research grant income over the past year, with 29 funded grants running during the period of this report. We continue to work collaboratively on grant applications with academics, health professionals and users of services as important collaborators and colleagues on these grants. Details of our grants are on page 13.

Measures of Esteem

Members of Warwick Research in Nursing have a variety of measures of external esteem, including editors and editorial boards of journals, invited plenary lectures, invited national and international scientific committees, contribution to national policy initiatives and contribution to the academic community via external examining, especially at PhD level.

PhD Students

We have had an interesting year, with our existing PhD students making good progress and new students starting. More details on their studies can be found on page 17.

Contribution to the Academic Community

We contribute to the University in many ways. Professor Seers is deputy Head of Division (research) in the Division of Health Sciences and a member of the Divisional Strategy Group, WMS' Research Committee and WMS Senior Management Group. She is leading on embedding mentorship and career development across the Medical School. She chairs the Athena SWAN self-assessment team for the Institutional Athena-SWAN which will be submitted in late 2023. She is co-deputy chair of the Capital Space and Amenities Group. She has recently completed a three-year term on the University Academic Staff Committee (Promotions). Kate is academic lead for the University shadowing scheme which she initiated. She also works with the MBChB team to supervise student selected projects.

Professor Staniszewska is on the Honorary Professors Committee and has chaired the WMS patient and Public Involvement Strategy Group and is the WMS representative on the University Hospitals of Coventry and Warwickshire PPI strategy group. Professor Haywood is chair of WMS's Athena Swan and EDI working group, leading the team which successfully submitted for a silver award in April 2019. Within this initiative, she actively supports 14 sub-groups, including both staff and student Athena SWAN champions, in delivering on a range of gender equality and EDI initiatives across the school. Noteworthy activities include those championed by the Women's Health and Menopause and the student led MBChB sub-groups, both of which were highly commended at the University of Warwick ED&I Awards in 2021. She is chair of the Advancing and Supporting Women's Careers sub-group within the institutional Athena SWAN self-assessment team. A WMS EDI 'champion', she is a member of WMS's Awarding Gap, Inclusive

Education, and Education committees, and is the WMS representative on the new SEM Faculty EDI Forum. She has actively supported students in the development of several innovative EDI initiatives over the last 12-months, including the establishment of Beacon Internships to support under-represented students in accessing clinical academic training and support, and the new Midlands Race Equality in Medicine (MREM) network. She has also supported the development of WMS's PPIE Strategy, spearheaded by Prof Staniszewska. A deputy to the MBChB Phase 2 lead, Kirstie also sits on the MBChB Course Progression Group and the Staff and Student Liaison Committee. She founded the division's 'C3' monthly meetings – an informal networking opportunity for colleagues.

The Warwick Research in Nursing staff also contribute as supervisors of PhD students, members of MPhil to PhD upgrade panels, PhD exam advisors and internal examiners of PhDs. We also contribute to internal peer review of fellowships for colleagues, and to journal clubs and Research and Development seminars.

We also benefit greatly from being part of the University of Warwick and Warwick Medical School. The University is world class, one of the UK's leading research universities, with 92% of the University's research assessed as 'world leading or internationally excellent' by a panel of global experts in the Research Excellence Framework.

Warwick Research in Nursing staff can access an extensive programme of training and development within the University and a diverse programme of seminars and other lectures. There are also many opportunities for collaboration with colleagues from a variety of departments. We are committed to continuing to develop research capacity that can underpin the development of nursing.

Leadership

We feel that creating a place where people want to come to work (in person, virtually or a hybrid approach) and where they can flourish is of fundamental importance. Respecting and valuing staff are key underpinning principles for us. We are committed to promoting leadership across all levels, and several staff have been on leadership courses to enable this to happen. We believe that strong strategic leadership and mentoring underpins the effectiveness and culture of Warwick Research in Nursing and the wider Medical School.

Conclusion

Warwick Research in Nursing remains at the leading edge of generating new knowledge. We undertake research that is relevant to nursing and to health and social care more broadly. Our highly cited publications and our indicators of peer esteem suggest that our contributions are valued by a wide range of those both internal and external to the University.



Oculus Building, main campus

Senior Staff in Warwick Research in Nursing

Professor Kate Seers is Director of Warwick Research in Nursing and Professor of Health Research. She leads the knowledge translation theme, exploring issues around implementation, and contributes to patient, carer, and staff experience's theme in Warwick Research in Nursing. She is Head of Academic Career Development at Warwick Medical School, which including running their mentoring scheme and providing two rounds of internal peer review for fellowship applicants. Kate is the academic lead for the University shadowing programme. Her topic interests are pain and its management, complex interventions and implementing research evidence into practice. Her research areas have used quantitative and qualitative systematic reviews, randomised controlled trials, qualitative methodologies, and mixed methods. She was an editor at Cochrane Pain, Palliative and Supportive Care, standing down in 2023. She especially enjoys supervising PhD students and has supervised 24 to completion and acted as examiner for more than 40 PhDs.

Professor Sophie Staniszewska leads the Patient and Public Involvement and Engagement and Experiences of Care Programme at Warwick Research in Nursing, Warwick Medical School. Sophie is Co-editor in Chief of a Springer Nature Journal, Research Involvement and Engagement. <http://www.researchinvolvement.com/> Sophie has recently co-edited a special issue of the International Journal of Technology Assessment in Health Care with Sophie Werko of SBU, focusing on patient and public involvement and engagement.

Sophie has carried out a wide range of studies in patient and public involvement and patient experiences, building an evidence-informed, evidence generating approach to public involvement. Sophie is the PPI lead for the Health Protection Research Unit (HPRU) in Gastrointestinal Infections and in the Health Protection Unit in Genomics and Enabling Data. In addition, Sophie leads the PPI research within the Applied Research Collaboration (ARC) West Midlands. Sophie is also developing public involvement in studies funded by Health Data Research UK focusing artificial intelligence in clinical decision making. Sophie is one of the founders of the Global PPI Network, alongside NIHR, Cochrane and COMET. Sophie regularly works with NICE as an expert advisor and is a member of the NICE Implementation Strategy Group.

Professor Kirstie Haywood leads on the Health Outcomes theme. She is an international and national research leader in applied health outcomes research, specifically patient reported outcomes (PRO), measurement science and health-related quality of life research, with a significant and sustained reputation for innovation, original scholarship generating new knowledge with noteworthy research and policy impact. Within WMS, she is: co-chair of WMS's Silver Award winning Athena SWAN (AS) activities, mobilising and engaging with a new self-assessment team and establishing a cohort of AS champions. Kirstie has been leading the development of our Research Culture and been successful in obtaining funding to support this development.

Publications 2022-2023

Professor Sophie Staniszewska - Lead for Patient and Public Involvement (PPI) and Experiences of Care

2023

Staniszewska, S., Jakab, I., Low, E. *et al.* Commentary: Advocating for patient and public involvement and engagement in health economic evaluation. *Res Involv Engagem* **9**, 45 (2023). <https://doi.org/10.1186/s40900-023-00444-3>

Hawkes, C.A., Staniszewska, S., Vlaev, I., ...Lin, Y.-L., Rycroft-Malone, J (2023). Facilitating cardiopulmonary resuscitation training in high-risk areas of England: A study protocol. *Resuscitation Plus*, 2023, 15, 100407

Owen R, Lyons J, Akbari A, Guthrie B, Agrawal U, Alexander D, Azcoaga-Lorenzo A, Brookes A, Denaxas S, Dezateux C, Fagbamigbe A, Harper G, Kirk P, Özyiğit E, Richardson S, Staniszewska S, McCowan C, Lyons R, Abrams K. Temporal sequencing in multimorbidity using population-scale linked data for 1.7 million individuals with 20-year follow-up. *Research Square*; 2022. DOI: 10.21203/rs.3.rs-1537576/v1.

Taylor J, Staniszewska S (2023). Patient-centred care and the role of leadership. Sophie Staniszewska and Jeremy Talyor. In Chambers N (2023). *Research Handbook on Leadership in Healthcare*. London: Edward Elgar Publishing.

2022

Ho, Iris S. S., 'Azcoaga-Lorenzo, Amaya, 'Akbari, Ashley, 'Davies, Jim, 'Khunti, Kamlesh, 'Kadam, Umesh T., 'Lyons, Ronan A., 'McCowan, Colin, 'Mercer, Stewart W., 'Nirantharakumar, Krishnarajah, 'Staniszewska, Sophie, 'Guthrie, Bruce, 2022. 'Measuring multimorbidity in research : Delphi consensus study. *BMJ Medicine*, 1 (1).

Hovard E et al (2022). Factors influencing decisions about whether to participate in health research by people of diverse ethnic and cultural backgrounds: a realist review. *BMJ Open* 2022 May 19;12(5):e058380. doi: 10.1136/bmjopen-2021-058380.

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Staniszewska, S., Hickey, G., Coutts, P. *et al.* Co-production: a kind revolution. *Res Involv Engagem* **8**, 4 (2022). <https://doi.org/10.1186/s40900-022-00340-2>

Husereau, D., Drummond, M., Augustovski, F., ...Pwu, R.-F., Staniszewska, S. Consolidated Health Economic Evaluation Reporting Standards 2022 (CHEERS 2022) statement: updated reporting guidance for health economic evaluations. *The BMJ*, 2022, 376, e067975.

Published at same time in *BMC Public Health*; *BMC HSR*; *BMC Medicine*; *Journal of Managed Care*; *BJOG*; *Jnl of Medical Economics*; *Applied Health Economics and Health Policy*; *Pharmacoeconomics*; *Value in health*.

Dr Liz Tutton (Honorary Research Fellow) - Contributing to Experiences of Care

Pearson NA, Tutton E, Joeris A, et al. A systematic review of outcome reporting in clinical trials of distal tibia and ankle fractures. *Bone Jt Open*. 2022;3(10):832-840. doi:10.1302/2633-1462.310.BJO-2022-0080.

Haywood KL, Southern C, Tutton E, Swindell P, Ellard D, Pearson NA, Parsons H, Couper K, Dainty KN, Agarwal S, Perkins GD; SURViVORS PROM Buddies Group. An international collaborative study to co-produce a patient-reported outcome measure of cardiac arrest survivorship and health-related quality of life (CASHQoL): A protocol for developing the long-form measure. *Resusc Plus*. 2022 Aug 31;11:100288. doi: 10.1016/j.resplu.2022.100288. PMID: 36059385; PMCID: PMC9437904.
CopyDownload .nbib

Pearson NA, Tutton E, Martindale J, Strickland G, Thompson J, Packham JC, Creamer P, Haywood KL. Development of the Axial Spondyloarthritis faTigue and Energy questionnaire (WASTEd) – a new patient-reported outcome measure. *Rheumatol Adv Pract*. 2022. Apr 4;6(1)rkac027

Pearson, Nathan Ashley, 'Tutton, Elizabeth, 'Martindale, J., 'Strickland, George, 'Thompson, Jean, 'Packham, Jonathan C., 'Creamer, Paul, 'Haywood, Kirstie L., 2022. 'Qualitative interview study exploring the patient experience of living with axial spondyloarthritis and fatigue : difficult, demanding and draining. *BMJ Open*. 2022. Feb 25; 12(2): e053958.

Pearson, Nathan, Tutton, Elizabeth, Joeris, A., Gwilym, S., Grant, R., Keene, D. J., Haywood, Kirstie L., 2021. [Co-producing a multi-stakeholder core outcome set for distal tibia and ankle fractures \(COSTA\) : a study protocol](#). *Trials*, 22

Professor Kirstie Haywood - Lead for Health Outcomes

2023

Sandhu HK, Booth K, Furlan AD, Shaw J, Carnes D, Taylor SJC, Abraham C, Alleyne S, Balasubramanian S, Betteley L, **Haywood KL**, Iglesias-Urrutia CP, Krishnan S, Lall R, Manca A, Mistry D, Newton S, Noyes J, Nichols V, Padfield E, Rahman A, Seers K, Tang NKY, Tysall C, Eldabe S, Underwood M. [Reducing Opioid Use for Chronic Pain With a Group-Based Intervention: A Randomized Clinical Trial](#). *JAMA*. 2023 May 23;329(20):1745-1756. doi: 10.1001/jama.2023.6454.

Pearson NA, Tutton E, Gwilym SE, Joeris A, Grant R, Keene DJ, **Haywood KL**. [Understanding patient experience of distal tibia or ankle fracture: a qualitative systematic review](#). *Bone Jt Open*. 2023 Mar 15;4(3):188-197. doi: 10.1302/2633-1462.43.BJO-2022-0115.R1. R.30% (original idea)

Ellard DR, Nichols VP, Griffiths FE, Underwood M, Taylor SJC; **CHESS team (Consortium)**. [Chronic Headache Education and Self-Management Study \(CHESS\): a process evaluation](#). *BMC Neurol*. 2023 Jan 7;23(1):8. doi: 10.1186/s12883-022-02792-1.

Underwood M, Achana F, Carnes D, Eldridge S, Ellard DR, Griffiths F, **Haywood K**, Hee SW, Higgins H, Mistry D, Mistry H, Newton S, Nichols V, Norman C, Padfield E, Patel S, Petrou S, Pincus T, Potter R, Sandhu H, Stewart K, Taylor SJC, Matharu MS. [Supportive Self-Management Program for People With Chronic Headaches and Migraine: A Randomized Controlled Trial and Economic Evaluation](#). *Neurology*. 2023 Mar 28;100(13):e1339-e1352. doi: 10.1212/WNL.0000000000201518. Epub 2022 Dec 16.

Underwood M, Achana F, Carnes D, Eldridge S, Ellard DR, Griffiths F, **Haywood K**, Hee SW, Higgins H, Mistry D, Mistry H, Newton S, Nichols V, Norman C, Padfield E, Patel S, Petrou S, Pincus T, Potter R, Sandhu H, Stewart K, Taylor SJC, Matharu MS. Non-pharmacological educational and self-management interventions for people with

chronic headache: the CHES research programme including a RCT. Southampton (UK): National Institute for Health and Care Research; 2023 June. PMID: 37463270 Bookshelf ID: NBK593139 DOI: 10.3310/PLJL1440.

2022

Underwood M, Achana F, Carnes D, Eldridge S, Ellard D, Griffiths F, **Haywood K**, Hee SW, Higgins H, Mistry D, Mistry H, Newton S, Nichols V, Norman C, Padfield E, Patel S, Petrou S, Pincus T, Potter R, Sandhu H, Stewart K, Taylor SJ, Matharu MS. [A Supportive Self-Management Program for People With Chronic Headaches and Migraine: A Randomized Controlled Trial and Economic Evaluation](#). *Neurology*. 2022 Dec 16;10.1212/WNL.0000000000201518.

Underwood M, Achana F, Carnes D. **et al**. Chronic Headache Education and Self-management Study (CHES): Feasibility study and a randomised controlled trial with health economic and process evaluations. RP-PG-1212-20018. NIHR PGfAR full report.

Haywood KL, Southern C, Tutton E, Swindell P, Ellard D, Pearson NA, Parsons H, Couper K, Dainty KN, Agarwal S, Perkins GD; SURVIVORS PROM Buddies Group. [An international collaborative study to co-produce a patient-reported outcome measure of cardiac arrest survivorship and health-related quality of life \(CASHQoL\): A protocol for developing the long-form measure](#). *Resusc Plus*. 2022 Aug 31;11:100288. doi: 10.1016/j.resplu.2022.100288.

Pearson NA, Tutton E, Gwilym S, Joeris A, **Haywood KL**. A systematic review of outcome reporting in clinical trials of distal tibia and ankle fractures: the need for a core outcome set (COSTA). *Bone Jt Open*. 2022 Oct;3(10):832-840. doi: 10.1302/2633-1462.310.BJO-2022-0080.R1

Pearson NA, Tutton E, Martindale J, Strickland G, Thompson J, Packham JC, Creamer P, **Haywood KL**. Development of the Axial Spondyloarthritis fatigue and Energy questionnaire (WASTEd) – a new patient-reported outcome measure. *Rheumatol Adv Pract*. 2022. Apr 4;6(1)rkac027.

Pearson N, Tutton E, Martindale J, Strickland G, Thompson J, Packham J, Creamer P, **Haywood K**. Qualitative interview study exploring the patient experience of living with axial spondyloarthritis and fatigue: difficult, demanding and draining. *BMJ Open*. 2022. Feb 25; 12(2): e053958.

Sandhu HK, Shaw J, Carnes D, Furlan AD, Tysall C, Adjei H, Muthiah C, Noyes J, Tang NKY, Taylor SJ, Underwood M, Willis A, Eldabe S; I-WOTCH Team. [Development and testing of an opioid tapering self-management intervention for chronic pain: I-WOTCH](#). *BMJ Open*. 2022 Mar 16;12(3):e053725. doi: 10.1136/bmjopen-2021-053725.

Professor Kate Seers – Lead for Translating Knowledge into Practice and contributes to Experiences of Care.

2023

Parsons J, Eccles A, Bick D, Keighley MRB, Clements A, Cornish J, Embleton S, McNiven A, Seers K, Hillman S. (2023) Women's experiences of anal incontinence following vaginal birth: A qualitative study of missed opportunities in routine care contacts. *PLoS ONE* 18(6): e0287779. <https://doi.org/10.1371/journal.pone.0287779> . Published 27-6-23

Barker K Toye F Seers K. A synthesis of qualitative research to understand the complexity behind treatment decision making for osteoarthritis. *Osteoarthritis and Cartilage Open*. (Accepted 6-3-23) <https://doi.org/10.1016/j.ocarto.2023.100355> 5(2) June 2023

Gauly J, Court R, Currie G, Seers K, Clarke A, Metcalfe A, Wilson A, Hazell M, Grove A. (2023) Advancing leadership in surgery: a realist review of interventions and strategies to promote evidence-based leadership in healthcare. *Implementation Science*. <https://doi.org/10.1186/s13012-023-01274-3>

Gauly J, Court R, Seers K *et al*. In which context and for whom can interventions improve leadership of surgical trainees, surgeons and surgical teams and why: a realist review protocol [version 1; peer review: awaiting peer

review] *NIHR Open Res* 2023, **3**:16 (<https://doi.org/10.3310/nihropenres.13364.1>) Publication date: 31 Mar 2023.
URL: <https://openresearch.nihr.ac.uk/articles/3-16/v1>

Harvey G, Rycroft-Malone J, Seers K, Wilson P, Cassidy C, Embrett M, Hu J, Pearson M, Semenic S, Zhao J, Graham I. (2023) Connecting the science and practice of implementation – applying the lens of context to inform study design in implementation research. *Frontiers in Health Services*, section Implementation Science. Accepted 21-6-23
Volume 3 - 2023 | <https://doi.org/10.3389/frhs.2023.1162762>

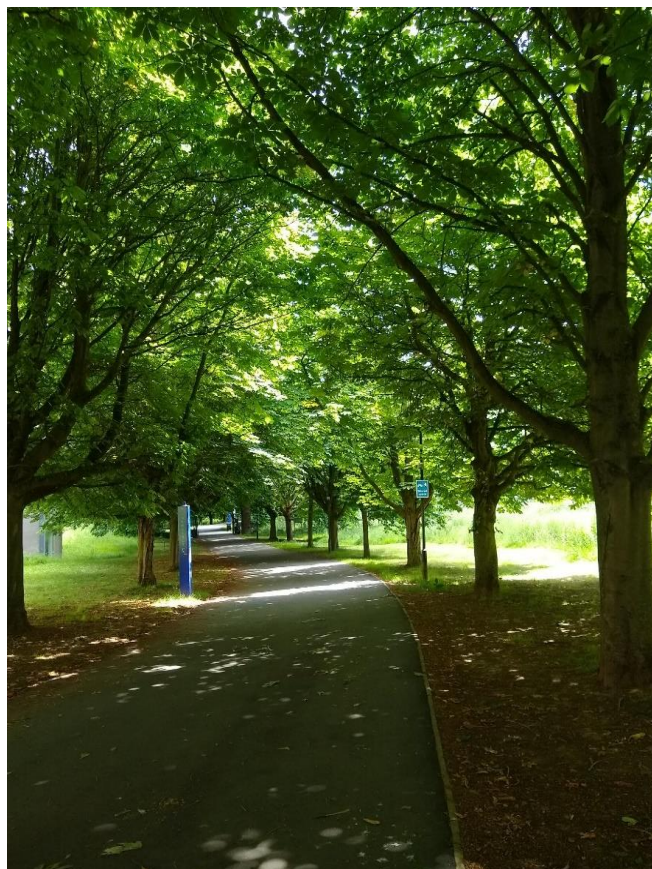
Sandhu HK, Booth K, Furlan AD, Shaw J, Carnes D, Taylor SJC, Abraham C, Alleyne S, Balasubramanian S, Betteley L, Haywood K, Iglesias-Urrutia CP, Krishnan S, Lall R, Manca A, Mistry D, Newton S, Noyes J, Nichols V, Padfield E, Rahman A, Seers K, Tang NKY, Tysall C, Eldabe S, Underwood M (2023), Reducing opioid use for chronic pain with a group based intervention: a randomised clinical trial. *JAMA*. **329**(20):1745–1756. doi:10.1001/jama.2023.6454

2022

Toye F Seers K Barker K (2022) A qualitative evidence synthesis using meta-ethnography to understand the experience of living with osteoarthritis pain. *Pain*. **163**(12):e1169-1183 December. DOI: 10.1097/j.pain.0000000000002660

Rinita Dam, Research Fellow.

Dam R., Mponzi W., Msaky D., Mwandyala T., Kaindoa EW., Sinka ME., Kiskin I., Herreros-Moya E., Messina J., Shah SGS., Roberts S. and Willis KJ. (2023). What incentives encourage local communities to collect and upload mosquito sound data by using smartphones? A mixed methods study in Tanzania. *Global Health Research and Policy*. 2023; **8**(18). <https://doi.org/10.1186/s41256-023-00298-y>



Walk to main campus

Current Research Grants August 2022-July 2023

| Funder/Topic/PI | Amount | Co-Investigators | Dates |
|--|-------------|--|-------------------------------------|
| AO Foundation. Finalising a core outcome set for fractures of the distal tibia and ankle. COSTA | £140,000 | Liz Tutton, David Keane, Alex Joeris, Richard Grant. | May 2023 for 16 months. |
| FASTER study. .BSR Fellowship. | £56,607 | Haywood, James Prior, Jon Packham | May 2023 |
| Warwick International Collaboration Award. PI Haywood | £5,000 | Katie Dainty (Canada), Sophie Staniszewska (WMS) | June 2023 |
| University of Warwick and Midlands Partnership Foundation Trust (MPFT) Warwick Collaborative Fellowship - to support FT doctoral student for 42 months. | £86,220 | Jon Packham | June 2023 |
| Beacon Academy – creating clinical academic excellence through celebrating and supporting widening participation. Co-PI Haywood & Berg | £25,000 | Chloe Berg (co-PI, MBChB student) Kelly Coles Tom Dale MacLaine and Charlotte Simms (MBChB alumni) | From August 2023-July 2024 |
| University of Warwick Enhancing Research Culture (Research England) Co PI – Haywood & Kenny | £43,000 | Adele Kenny (co-PI) Colleagues from across WMS (staff & students) | From August 2023-July 2024 |
| Research for Patient Benefit (RfPB) Programme: NIHR204049 – The Cardiac Arrest Recovery Enablement and Self-management Support feasibility (CARESS-f) Study. | £249,993 | Profs Kirstie Haywood, Julie Bruce, Harbinder Sandhu, David Ellard, James Mason, Drs Gordon McGregor, Keith Couper, Anower Hossain, Mr Paul Swindell, Mr Stuart Menzies | Awarded July 2022. Start April 2023 |
| NIHR HTA Medication support interventions and strategies for people with learning disabilities – a mixed methods evidence synthesis. PI Yen-Fu Chen | £318,545.07 | Professor Kate Seers, Dr Samantha Flynn; Ms Anna Brown; Mr Peter Auguste; Professor Paramjit Gill; Professor Peter Langdon; Professor Samuel Tromans; Professor Eddie Chaplin; Mrs Christine-Koulla Burke; Mrs Danielle Adams; Mr David Mahon; Miss Kerry Martin | 1/9/2022 to 29/02/2024 (18/12) |
| NIHR HS&DR Developing a role for patients and the public in the | £838,772 | Professor Kate Seers, Professor Jo Rycroft-Malone, Dr Joseph Langley, Professor Krysia Dziedzic, Professor Dawn Stacey Mr Nick Andrews, Dr Gary Hickey, Ms Tracy | 01/09/2022 to: 31/10/2025 |

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| implementation of health and social care research evidence into practice. PI Staniszewska | | Gazeley, Ms Victoria Thomas, Professor Lindsay Bearne, Mr Ewan King, Mr Paul Bird Dr Magdalena Skrybant, Mr Richard Grant Mr Chris Bain | (38 months) |
| MRC-NIHR Better Methods, Better Research. HRQ: Re-evaluating the Remote: a realist evaluation of the practical, epistemological, and ethical status of remote qualitative data collection in health MRC Reference: MR/W021161/1 PI: Boardman, F | £417,811 | Griffiths, F, Seers, K, Staniszewska, S | 18/12 Start date 1/5/22 |
| NIHR RfPB Measuring fatigue in Axial Spondyloarthritis (axSpA): refinement, application and evaluation of a new electronic patient-reported outcome measure (the Warwick Axial Spondyloarthritis Fatigue and Energy questionnaire (e-WASTEd)) in rheumatology clinical practice. PI Haywood | £149,997.42 | Helen Parsons, Liz Tutton , Nathan Pearson , Jean Thompson, George Strickland, Melanie Martin, Jane Martindale, Jon Packham | Funded July 2021 |
| Resuscitation Council UK Development of a Survivors PROM | £20k | Haywood K, Pearson N, Perkins G, Tutton L. | 2020-2024 |
| EFIC and Pfizer-Lilly Alliance Grant on Education in Pain Associated with Osteoarthritis. An evidence based qualitative research film for pain education to understand the experience of living with painful osteoarthritis PI: Toye | \$122,874 USD | Kate Seers (Warwick) Karen Barker University of Oxford/Nuffield Orthopedic Centre, Oxford University NHS Foundation Trust. | 1 st March 2021 for 18 months. 1-3-21 to 31-8-22 . |
| NIHR COVID -19 Recover and Learning Funding Committee NIHR132046 Rehabilitation Exercise and psycholoGical support After covid- 19 Infection (REGAIN) PI: McGregor | £1,208,297 | Martin Underwood; Julie Bruce; Elaine Williams (PPI); Joyce Yeung; Kate Seers; Harbinder Sandhu; Ranjit Lall; Chen Ji; Charles Abrahams; James Mason Bart Sheehan ; Beatriz Lara David McWilliams; Christina Jones (ICU steps charity). | 1 st September 2020 for 24 months. 1/9/20-31/8/22 |

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| NIHR HS&DR Board Mapping and Evaluating Services for Children with Learning Disabilities and Behaviours that Challenge (MELD). NIHR 129577 PI: Hastings | £1,245,271 | jacqui.shurlock ; J.Bradshaw ; C.R.Richards, Ashley Iew Kate.Seerssuenorth ; N.J.Gore ; mark.lovell, Gillespie D; stavros.petrou; Peter.Langdon. | 1/2/2021 for 39 months to 30/4/24 |
| British Heart Foundation Research Training Fellowships for Nurses and Healthcare Professionals. Self-Management Support in people with Postural Orthostatic Tachycardia Syndrome (POTS): Co-producing a supportive self-management intervention and testing for feasibility. PI: Seers | £217,854 | Helen Eftekhari (PhD student) Sophie Staniszewska (Supervisor) | 1 st August 2020-31 st July 2024. 48 months |
| NIHR HTA Supervised Pulmonary Hypertension Exercise Rehabilitation (SPHERE) trial PI: McGregor 17/129/02 | £1,328,762 | Seers K Bruce, J Underwood, M, Singh, Sally, Taylor, S Banerjee, Bowater, Clift, P Fitzmaurice, D Pincus T, Sandhu H, Mason J, Ji C, Lall, R Robertson E. | 1/6/19-31/08/2022 (39 months) |

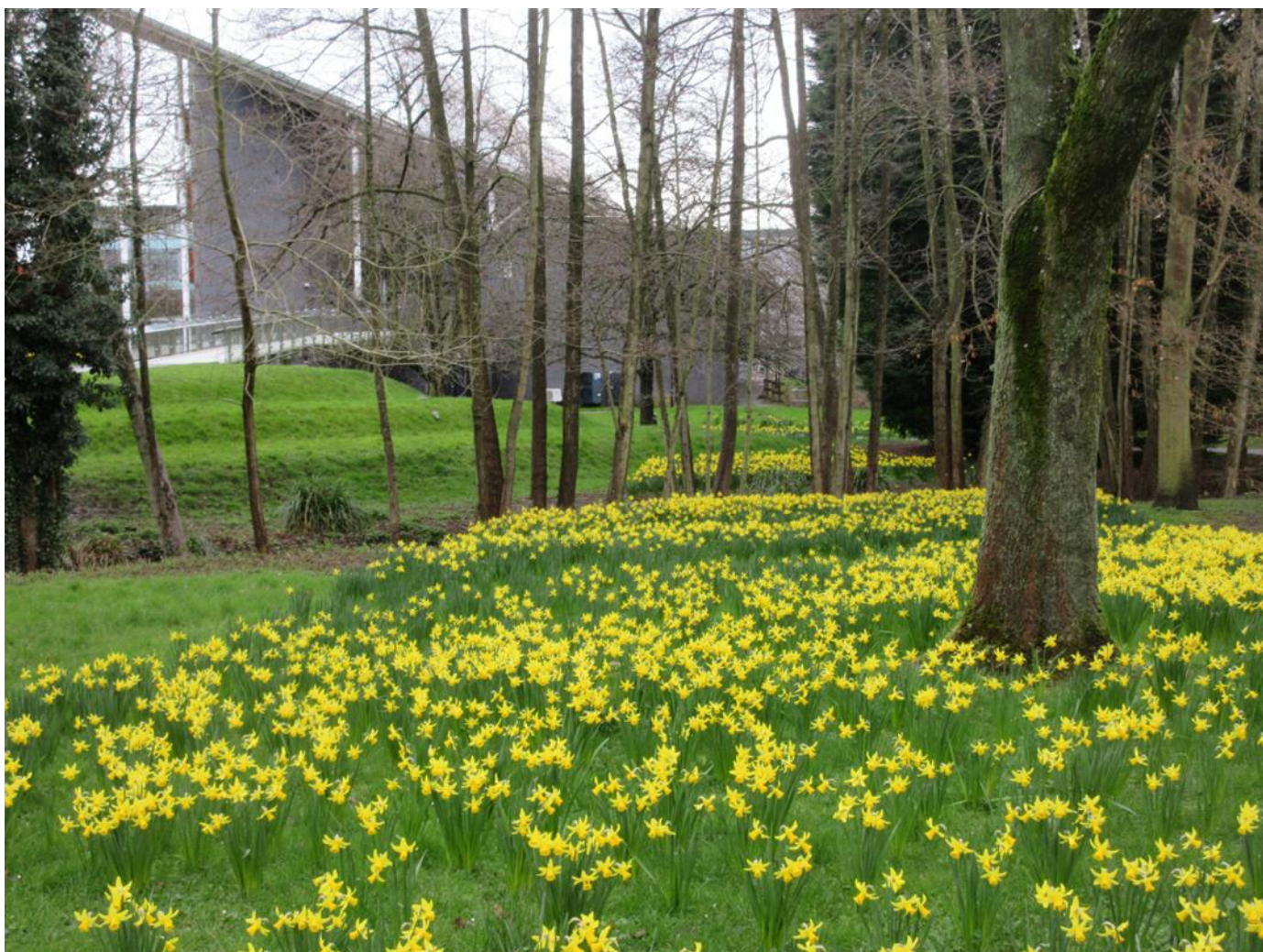
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| NIHR Applied Research Centre (ARC) PI: Richard Lilford | £10 million | Staniszewska S, Clarke A, Skrybant M et al | Oct 2019- Oct 2024 |
| Infectious Disease Dynamic Modelling in Health Protection. MEMVIEER PI: Matt Keeling | 1,188,383. | Staniszewska S, Petrou S et al | Nov 2019- Nov 2022 |
| Health Data Research UK (HDRUK). National Multimorbidity Resource PI: MCGowan (Aberdeen) | £500,000 | McGowan C et al | Oct 2019 - Oct 2021 |
| NIHR Meniscal Tear Outcomes (METRO) PI: Imran Ahmed | £363,235 | Staniszewska S et al | Oct 2019-Oct 2022 |
| NIHR, Health Protection Research Unit (HPRU) Gastrointestinal Infections | £4 million | Didelot et al | April 2020 – March 2025 |

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| PI: Noel McCarthy | | | |
| NIHR HPRU Genomics and Enabling data | £4 million | McCarthy et al | April 2020 – March 2025 |
| PI: Xavier Didelot | | | |



Warwick Research in Nursing at Batsford Arboretum

L to R Kate Seers, Julia Walsh, Sophie Staniszewska, Kirstie Haywood and Rinita Dam



PhD students supervised by a member of Warwick Research in Nursing

Emily Ahmed.

The study will involve a Qualitative Evidence Synthesis to systematically review relevant evidence, providing a broad understanding of what is known on the topic from multiple viewpoints and across a variety of contexts. This will be followed by semi-structured interviews with public contributors that have been involved in co-producing NIHR health research in which the study will explore perceptions and experiences of 'power' and 'power sharing' or lack of 'power sharing' within their involvement in co-producing health research; whether and how 'issues of power' and 'power-sharing' are identified and addressed. The empirical research and analysis will be shaped by a constructivist grounded theory approach. Emily's research topic was initially motivated by her lived experiences, insights and anecdotal observations gained from her practice-based community work background and previous involvement in co-producing health and social care service improvement and research. The research question was then developed through a review of relevant literature and identification of research gaps. Emily hopes that this learning can be used to support and inform the current wave of implementation of co-production within UK health research and enhance broader discussions and learning within collaborative and participatory research. Supervisors Sophie Staniszewska, Kate Seers & Valerie Decraene. Emily successfully upgraded from a MPhil to a PhD this year.

Amira Assiry.

PhD funded by King Faisal Medical City, Saudi Arabia. Study: "Understanding the Current Role of the Nurse Managers (NMs) in A Saudi Context, Challenges and Enablers Experienced in this Role, A Mixed-Methods Study". This study is over four years from March 2020 and is due to end in March 2024. This research aims to describe the current role of the NMs in the Saudi context. The study also seeks to identify the role challenges, and enablers, and predict their association with NMs' demographic characteristics and organisational factors. Additionally, it intends to explore NMs' lived experiences of challenges and enablers and how they might be addressed and enhanced. The study uses mixed methods - sequential explanatory design. The first phase is a descriptive correlational study, followed by a hermeneutic phenomenological study. Supervised by Kate Seers and Sophie Staniszewska. Successfully upgraded from MPhil to PhD.

Helen Eftekhari.

PhD funded by the British Heart Foundation. Study: "Self-management support in people with Postural Tachycardia Syndrome (PoTS): co-producing a supportive self-management intervention and testing for feasibility". The acronym for this study is SSPoTS (Supportive Self-management in PoTS). This study is over four years from September 2020 and is due to end September 2024. The SSPoTS study aims to improve support and outcomes for people with PoTS by developing a self-management support intervention. Co-production methods are integrated across the project. SSPoTS is a mixed methods three phase exploratory sequential study. Phase one is qualitative interviews, phase two co-refinement workshops and phase three a feasibility study. Supervised by Kate Seers and Sophie Staniszewska

Victoria Fessey.

Title: An exploration of healthcare assistant's caring experience and perspectives of people with dementia acute hospital settings. Healthcare assistants/clinical support workers are the main providers of personal care for people with dementia in acute hospital settings. However, we know little about their daily lived experiences and perspectives when caring for people with dementia in this setting. To explore their lived experiences and perspectives a hermeneutic (interpretive) phenomenological approach has been employed. This will enable in-depth exploration and understanding of their experiences through interpreting the meaning of this phenomenon in context. This study design uses semi-structured interviews with healthcare assistants who currently work with people with dementia in acute hospital settings. This can help NHS Trusts to inform future education, training, and ways to support them in caring for people with dementia. The research study is being conducted by Victoria Fessey, as part of a PhD in Nursing, and academic supervisors Sophie Staniszewska and Kirstie Haywood.

Eleanor Hovard.

HEE/NIHR Doctoral fellow Eleanor Hovard is undertaking a 3-year PhD project entitled *Developing an inclusive health and care research system: a realist evaluation of experiences of participation with people from Black African Diaspora Communities, in the UK*. The over-arching aim is to co-produce principles, recommendations and resources that will contribute to the development of an inclusive health and care research system that improves the experience of participation for people from Black African Diaspora Communities (BADC). Through realist evaluation and embedded co-production, the project sets out to understand the social and psychosocial drivers of people of Black African Diaspora Communities towards participation in health and care research in the NHS, and how current service provision affects the choice to participate. In addition, it aims to uncover what it is about the cultural, organisational and system factors that interact with the mechanisms (stakeholder reasoning combined with resources) that would enable greater participation from these communities. A realist review will inform an initial programme theory developed with the co-production group, all of whom identify as from BADC. The initial

programme theory will then be tested, further refined and refuted using qualitative data collection methods (interviews and focus groups). A “final” programme theory will inform the development of a conceptual framework that will enable stakeholder co-creation of recommendations and an early prototype of learning resources for each level of the health and care social system e.g., micro, meso and macro levels. Eleanor is supervised by Sophie Staniszewska (Professor of Patient and Public Involvement and Patient Experiences Programme, WRiN, WMS), Jeremy Dale (Professor of Primary Care, UAPC, WMS), Dawn Edge (Professor of Mental Health and Inclusivity, University of Manchester) and Associate Clinical Professor Rachel Spencer (Patient Safety in Primary Care, UAPC, WMS).

Jade Jordan.

Title: Capturing the impact of patient and public involvement and engagement (PPIE) in public health research. **Funders:** NIHR HPRUs in Genomics and Enabling Data & Gastrointestinal Infections

Supervisory Team: Sophie Staniszewska, Kate Seers and Valerie Decraene (UKHSA)

The study aims to explore the impact of PPIE on the public contributors and researchers involved. The study also aims to identify how and when this impact is captured and explore the expectations of roles within PPIE and if this affects perceived outcomes and how they may be reported. This research will specifically look at these areas as related to diversity and inclusion of under-served groups, particularly exploring perspectives from public contributors from ethnic minority backgrounds. All impacts will be considered, but there will be a more in depth focus on impacts on two-way learning and relationships between researchers and public contributors, including the issue of building trusting relationships at an individual and community level. Successfully upgraded from MPhil to PhD.

Farah Kidy.

PhD funded by a NIHR doctoral fellowship. Study: Treatment delay in Tuberculosis (TB): A mixed methods study. The study began in April 2020 and is due to finish in December 2023. The study aims to describe the epidemiology, identify predictors and elucidate consequences of TB treatment delays as captured in primary care electronic health records. A narrative interview study will explore the journey of older adults with TB. This will be supplemented by a case note and written communication review to capture the perspective of health care practitioners. Results from quantitative and qualitative work will be triangulated after analysis. Supervised by Kate Seers and Noel McCarthy

Eleanor Molloy.

“Exploring experiences of birth trauma and related support seeking for post-traumatic stress symptoms, for birthing parents from marginalised populations: a mixed-methods study using Interpretative Phenomenological Analysis”

Aim/General area:

This research study explored how childbirth was experienced as traumatic for parents from marginalised and racialised populations. The study looked at experiences of traumatic births in relation to development of post-traumatic stress symptoms, both with and without confirmed diagnoses. The online survey gathered experiences from a range of parents, and then offered the option of an in-depth interview for people who were Black, Asian, or other minoritised ethnic backgrounds, and/or parents who were LGBTQ+.

Methods used: Mixed methods, two-phase study using an online survey, and in-depth interviews. The interviews were conducted and analysed using the principles of Interpretative Phenomenological Analysis from an intersectional feminist perspective. Online survey data was analysed using descriptive statistics, with reflexive thematic analysis of free text responses. *Supervisors:* Sophie Staniszewska, Deborah Biggerstaff, Peter Sidebotham (Prof emeritus)

Charly Southern.

PhD is funded by a Warwick Collaborative Postgraduate Research Studentship (WCPRS), a collaboration between Warwick Medical School and Birmingham University Hospitals. Her study, which seeks to develop a new patient-reported outcome measure of recovery and survivorship for cardiac arrest survivors, is funded by a research grant awarded by the Resuscitation Council UK. The project is supported by an international advisory group (the 'PROM buddies') of survivors, their key supporters, advocates, clinicians and researchers. The study adopts a mixed methods approach to PROM development, with three key stages to Charly's study: stage 1 a meta-ethnography of published qualitative research exploring the experiences of cardiac arrest survivors and their key supporters; stage 2 qualitative interviews with survivors followed by focus groups to inform the developing PROM. The final stage include additional interviews to further refine the developing PROM. Charly is supervised by Kirstie who provides PROM development expertise and Liz Tutton who provides qualitative research expertise. She is also supported by a wider supervisory team of clinicians (Gavin Perkins and Keith Couper) and methodologists (Nathan Pearson and Kate Seers).

Post-Doctoral Mentorship

NIHR Advanced Fellowship. Co-Supervisor/mentor and member of advisory group for Amy Grove. Advancing clinical leadership in healthcare organisations to mobilise evidence into practice. A mixed methods study of clinical leadership in orthopaedic surgery.

Other news from Warwick Research in Nursing

Sophie's expertise in engaging the public was in demand again:

Updating the CONSORT and SPIRIT reporting guidance

Prof Sophie Staniszewska participated in the Delphi exercise and attended the consensus workshop for the updating of the CONSORT and SPIRIT reporting guidance in March 2023. CONSORT is focused on reporting clinical trials and SPIRIT supports the reporting of trial protocols. Sophie's input was particularly focused on developing new items that encourage researchers to report their patient and public involvement in clinical trials and trials protocol. Such reporting will help to develop our understanding of the extent to which patients, the public and communities have helped shape the evidence base for health care.

Launch of new leadership book



Prof Sophie Staniszewska collaborated with Jeremy Taylor (NIHR Director of Public Voice) to write a chapter on patient leadership in the newly published 'Research Handbook on Leadership in Healthcare' edited by Professor Naomi Chambers, University of Manchester. We reviewed the small but developing literature on patient leadership in health and social care and identified key policy issues that need to be addressed in the future. The Research Handbook has contributions from over 90 experts in the field, with chapters exploring the historical development of leadership theories and practices in healthcare and identifying cutting-edge initiatives which will shape the future of the discipline. Collectively the chapters address the challenge of persistent variation in healthcare leadership quality and scrutinise the impact of leadership at every level on an organisation's culture. We identified an important need for the patient leadership evidence base to strengthen to guide

future practice.

HDR UK Associate Director

Prof Sophie Staniszewska was invited to become an Associate Director of HDRUK (Health Data Research UK) Midlands in July 2023 based at the University of Birmingham. The aim is to improve health through uniting healthcare, social care and data science communities across the Midlands. Sophie will have a focus on supporting the development of patient and public involvement in health data science. The regional community includes clinicians, data scientists, informaticians, technologist and public contributors. Sophie has also become an advisor to the HDRUK PPIE Strategy Steering Group and will sit on the HDRUK PPIE Award Panel in 2024.

Professor Kate Seers has been invited to be an examiner in the new European Diploma in Pain Nursing.

Eleanor Hoverd, a clinical academic (HEE/NIHR ICA Doctoral Fellow), based within the Unit of Academic Primary Care, has been seconded to work with the Chief Nursing Officer for England's Policy, Research and System Transformation Team, 1 day per week until end March 2023. Well done Eleanor!



Warwick campus in the snow