

Warwick Research in Nursing

Warwick Medical School

University of Warwick



17th Annual Report

1st August 2023 to 31st July 2024

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Walk to main campus

Director's Message

I am so proud to report that Warwick Research in Nursing Research Centre has had another very successful year. In addition to continuing to develop an outstanding track record in securing prestigious external funding and producing a large number of high quality, impactful publications, we've also been busy supporting both the University and Warwick Medical School. We have continued to supervise some outstanding PhD students and contribute to teaching at WMS.

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

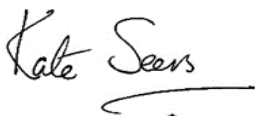
As always, this year we have been well supported by Warwick Medical School, and I would like to thank Professor Gavin Perkins, our new Dean and Professor Amy Grove, Head of the Warwick Applied Health Directorate (formerly Health Sciences Division). I enjoyed being Head of the Social Science and Systems in Health Unit for two years, and exciting new networks are being developed.

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, Julia Walsh, Corrina Clark, Nathan Pearson and Sofie Power, and Candice Chang providing project and admin support.

On a personal note, this is my last newsletter as I will be retiring over the summer. I've really enjoyed my time at the University of Warwick, and I have been able to make a real difference. I will miss all my colleagues – I've had a blast and worked with some truly amazing and inspirational people. However, it is time for me to take on new challenges and I am excited by many new possibilities. I'm also delighted to be appointed a Professor Emeritus, so I will still have links to the University.

I know I am handing on WRiN to the very capable hands of Professors Sophie Staniszewska and Kirstie Haywood.

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 underneath the name.

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

Summary of Progress 2023-2024

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 and engagement; 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. 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 starting on page 8.

Grants

We have been very successful in generating research grant income over the past year. We continue to work collaboratively on grant applications with academics, health and social care professionals and users of services as important collaborators and colleagues on these grants. Links to our grants are on page 14.

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 start on page 15.

Contribution to the Academic Community

We were delighted to learn that Professor Seers had been appointed as a NIHR Senior Investigator, who are “prestigious researchers who make outstanding leadership contributions to the work on the NIHR.” Well done Kate!

Over the past five years Professor Seers has chaired the Institutional Athena Swan self-assessment team, we submitted for and were awarded a silver Athena-Swan award early in 2024. We were also delighted to learn that all of Professor Kirstie Haywood’s and Adele Kenney’s hard work on research culture was rewarded with winning the University’s Research Culture award. We contribute to the University in many ways. Professor Seers is deputy Head of Warwick Applied Health Directorate (research). She has been part of WMS’ Research Committee and WMS Senior Management Group. She has led on embedding mentorship and career development across the Medical School. Kate has been academic lead for the University shadowing scheme which she initiated. 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 was appointed as deputy Pro-Dean People, a new role established this year and is working closely with the new Pro-Dean People in the development of WMS’s People Strategy. Kirstie remains chair of WMS’s Athena Swan and EDI working group, leading the team towards a silver renewal submission in 2024/25. Within this initiative, she actively supports 10 sub-groups, including both staff and student Athena SWAN

champions, in delivering on a range of gender equality and EDI initiatives across the school. She is chair of the Advancing and Supporting Women's Careers sub-group within the institutional Athena SWAN self-assessment team, and is a member of the University's Research Culture Forum. A WMS EDI 'champion', she Kirstie is a member of WMS's Awarding Gap, Inclusive Education, and Education committees, and is the WMS representative on the SEM Faculty EDI Forum. She has continued to actively support students in the development and delivery of several innovative EDI initiatives, including the Beacon Internships to support under-represented students in accessing clinical academic training and support, and the Midlands Race Equality in Medicine (MREM) network. She has also supported the development of WMS's PPIE Strategy, spearheaded by Prof Staniszewska. She founded the directorate'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 experiences theme in Warwick Research in Nursing. She has been Head of Academic Career Development at Warwick Medical School, which including running their mentoring scheme and providing rounds of internal peer review for fellowship applicants. Kate has been 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 (PPIE) and Experiences of Care Research Programme at Warwick Medical School, University of Warwick, England and is a Clarivate highly cited researcher. She focuses on developing the evidence base of PPIE for high quality practice. Sophie is founding Co-editor in Chief of the Springer Nature Journal, Research Involvement and Engagement <http://www.researchinvolvement.com/>

Sophie is a founding member of the International PPI Network, alongside NIHR, Cochrane and COMET, which aims to create global understanding and synergy in patient and public involvement in health and social care research and is part of the judging panel for the Nature Awards for Inclusive Research.

Sophie leads on PPIE research for the NIHR Applied Research Collaboration West Midlands, and for PPIE for the NIHR Health Protection Research Unit for Gastrointestinal Research, the NIHR Health Protection Research Unit in Genomics and Enabling Data, the NIHR West Midlands Evidence Synthesis Group and is PPIE co-lead For the Health Determinants Research Collaboration in Coventry.

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. Kirstie is a co-founder of the WISER initiative, an international group to support Women in Resuscitation science through Inclusivity, Support, and Empowerment. She also co-founded and chairs the Cardiac Arrest Recovery and Survivorship working group, a sub-group of the International Liaison Committee on Resuscitation (ILCOR). She is a member of Resuscitation Council UK's Post-Cardiac Arrest Advisory and Survivors Steering Groups, acting as ambassador and content expert (#MyRighttoCardiacArrestRecovery). Within WMS, she is: the new deputy Pro-Dean People working closely with the Pro-Dean People in the development and delivery of a new People Strategy; Chair of WMS's Silver Award winning Athena SWAN (AS) activities; and lead for WMS's Research Culture activities, securing several grants to support the continued development and delivery of these initiatives.

Publications 2023-2024

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

2024

In press

Hopewell S et al (2024). CONSORT 2024 Explanation and Elaboration: updated guideline for reporting randomised trials. In press in BMJ and multiple other journals.

Hopewell S et al (2024). CONSORT 2024 Statement: updated guideline for reporting randomised trials. In press in BMJ and multiple other journals.

Hróbjartsson A et al (2024). The SPIRIT 2024 updated guideline for reporting protocols for randomized trials: Explanation and Elaboration In press in BMJ and multiple other journals.

Chan A et al (2024). SPIRIT 2024 Statement: updated guideline for protocols of randomized trials. In press in BMJ and multiple other journals.

2024 Published

Palm, M.E., Evans, D., Staniszewska, S. *et al.* Public involvement in UK health and care research 1995–2020: reflections from a witness seminar. *Res Involv Engagem* **10**, 65 (2024). <https://doi.org/10.1186/s40900-024-00598-8>

Staniszewska S Werko S (2023). Evolution, not revolution. NICE at 25: A quarter century of evidence, values and innovation in health. Littlejohn P, Syrett K (Eds).

Hoverd, E.Staniszewska, S.Dale, J.Spencer, R. Devrell, A. Khan, D. Lamouline, C.Saleem, S. Smith, P. (2024). Co-producing an online Patient Public Community Research hub: a qualitative study exploring the perspectives of national institute for health research (NIHR) research champions in England. *Res Involv Engagem* **10**, 26 (2024). <https://doi.org/10.1186/s40900-024-00556-4>

2023

Owen, R.K. and Lyons, J. and Akbari, A. and Guthrie, B. and Agrawal, U. and Alexander, D.C. and Azcoaga-Lorenzo, A. and Brookes, A.J. and Denaxas, S. and Dezateux, C. and Fagbamigbe, A.F. Harper, G. and Kirk, P.D.W. Richardson, S. and Staniszewska, S. and McCowan, C. and Lyons, R.A. and Abrams, K.R (2023). Effect on life expectancy of temporal sequence in a multimorbidity cluster of psychosis, diabetes, and congestive heart failure among 1.7 million individuals in Wales with 20-year follow-up: a retrospective cohort study using linked data. *Lancet Public Health*. 8 (5) e535-e545} DOI: [10.1016/j.resplu.2023.100407](https://doi.org/10.1016/j.resplu.2023.100407)

Munce SE, Steele Gray C, Pomeroy BC, Bayley M, Kokorelias KM, Luong D, Biddiss E, Cave T, Bragge P, Chew-Graham CA, Colquhoun H, Dadich A, Dainty KN, Elliott M, Feng P, Goldhar J, Hamilton CB, Harvey G, Kastner M, Kothari A, Langley J, Jeffs L, Masterson D, Nelson M, Perrier L, Riley J, Sellen K, Seto E, Simpson R, Staniszewska S, Srinivasan V, Straus SE, Tricco AC, Kuluski K. Development of the Preferred Components for Co-Design in Research Guideline and Checklist: Protocol for a Scoping Review and a Modified Delphi Process. *JMIR Res Protoc*. 2023 Oct 30;12:e50463. doi: 10.2196/50463. PMID: 37902812; PMCID: PMC10644195.

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

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.

Professor Kirstie Haywood - Lead for Health Outcomes

2024

Nichols V, Griffiths F, Ellard DR, Underwood M, **Haywood KL**, Taylor SJC; CHES team (Consortium). "It's just part of who I am..." Living with chronic headache: voices from the CHES trial, a qualitative study. *BMC Neurology*. 2024. Aug 2;24(1):268. doi: 10.1186/s12883-024-03779-w.

Elsman EBM, Mookink LB, Terwee CB, Beaton D, Gagnier JJ, Tricco AC, Baba A, Butcher NJ, Smith M, Hofstetter C, Aiyegbusi OL, Berardi A, Farmer J, **Haywood KL**, Krause KR, Markham S, Mayo-Wilson E, Mehdipour A, Ricketts J, Szatmari P, Touma Z, Moher D, Offringa M. Guideline for reporting systematic reviews of outcome measurement instruments: PRISMA-COSMIN for OMI 2024. *Qual Life Res*. 2024 Aug;33(8):2029-2046. doi: 10.1007/s11136-024-03634-y.

Elsman EBM, Mookink LB, Terwee CB, Beaton D, Gagnier JJ, Tricco AC, Baba A, Butcher NJ, Smith M, Hofstetter C, Aiyegbusi OL, Berardi A, Farmer J, **Haywood KL**, Krause KR, Markham S, Mayo-Wilson E, Mehdipour A, Ricketts J, Szatmari P, Touma Z, Moher D, Offringa M. Guideline for reporting systematic reviews of outcome measurement instruments: PRISMA-COSMIN for OMI 2024. *Health Qual Life Outcomes*. 2024 Jul 9;22(1):48. doi: 10.1186/s12955-024-02256-9.

Elsman EBM, Mookink LB, Terwee CB, Beaton D, Gagnier JJ, Tricco AC, Baba A, Butcher NJ, Smith M, Hofstetter C, Aiyegbusi OL, Berardi A, Farmer J, **Haywood KL**, Krause KR, Markham S, Mayo-Wilson E, Mehdipour A, Ricketts J, Szatmari P, Touma Z, Moher D, Offringa M. Guideline for reporting systematic reviews of outcome measurement instruments: PRISMA-COSMIN for OMI 2024. *J Patient Rep Outcomes*. 2024 Jul 9;8(1):64. doi: 10.1186/s41687-024-00727-7.

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Elsman EBM, Mookink LB, Abma IL, Aiyegbusi OL, Chiarotto A, **Haywood KL**, Matvienko-Sikar K, Oosterveer DM, Pool JJM, Swinkels-Meewisse IEJ, Offringa M, Terwee CB. Methodological quality of 100 recent systematic reviews

of health-related outcome measurement instruments and changes over time. *Qual Life Res.* 2024 Jul 3. doi: 10.1007/s11136-024-03706-z.

Bray J, Dainty K, **Haywood KL**, Morrison LJ, Castren M, Sasson C. WISER: A Women's international group to Inspire, Support and Empower Women in Resuscitation. *Resuscitation PLUS.* 2024. Jun 26;19:100693. doi: 10.1016/j.resplu.2024.100693. Editorial.

Hee SW, Patel S, Sandhu H, Matharu MS, Underwood M; CHESSTeam. Does pain self-efficacy predict, moderate or mediate outcomes in people with chronic headache; an exploratory analysis of the CHESSTrial. *J Headache Pain.* 2024 May 15;25(1):77. doi: 10.1186/s10194-024-01768-5.

Bradfield M, **Haywood KL**, Mion M, Kayani A, Leckey S; RCUK Quality Standards Group for Care, Rehabilitation of Cardiac Arrest Survivors, Key Supporters. Not just surviving: Towards a quality standard which meets the care and rehabilitation needs of cardiac arrest survivors and their key supporters. *Resuscitation.* 2024 Mar 15;198:110182. doi: 10.1016/j.resuscitation.2024.110182.

Haywood KL, Kenny A, Geary K, Bates H, on behalf of the WMS Enhancing Research Culture Group. Enhancing Research Culture at Warwick Medical School (WMS): a community-driven, values-based vision towards enhancing WMS's research culture. *Exchanges: The interdisciplinary research journal.* 2024. 11;3: Special Issue: Research Culture. <https://doi.org/10.31273/eirj.v11i3.1538>

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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)

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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

Professor Kate Seers, Experiences of Care and Implementation themes

In Press 2024:

Ennis, S., Bruce, J., Sandhu, H. *et al.* Protocol update for a multi-centre randomised controlled trial of exercise rehabilitation for people with pulmonary hypertension: the SPHERe trial. *Trials* **25**, 495 (2024).

<https://doi.org/10.1186/s13063-024-08341-0>. Published by: Springer Nature. Accepted 14th July 2024

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Southern C, Tutton E, Dainty KN, Seers K, Pearson NA, Couper K, Ellard DR, Perkins GD, Haywood KL. (2024) The experiences of cardiac arrest survivors and their key supporters following cardiac arrest: A systematic review and meta-ethnography. *Resuscitation*. (2024) 110188. Volume 198. May 2024.

<https://doi.org/10.1016/j.resuscitation.2024.110188>

McGregor G, Sandhu H, Bruce J, Sheehan B, McWilliams D, Yeung J, Jones C, Lara B, Alleyne S, Smith J, Lall R, Ji C, Ratna M, Ennis S, Heine P, Patel S, Abraham C, Mason J, Nwankwo N, Nichols V, Seers K, Underwood M. (2024) Clinical effectiveness of an online supervised group physical and mental health rehabilitation programme for adults with post-covid-19 condition (REGAIN study): multicentre randomised controlled trial.

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BMJ 2024;384:e076506

Eccles, Abi; Parsons, Joanne; Bick, Debra; Keighley, Michael; Clements, Anna; Cornish, Julie; Embleton, Sarah; McNiven, Abigail; Seers, Kate; Hillman, Sarah. (2024) The GP's role in supporting women with anal incontinence after childbirth injury. *British Journal of General Practice* DOI: <https://doi.org/10.3399/BJGP.2023.0356>. Accepted 03 January 2024

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Taylor EL, Thompson PA, Manktelow N, Flynn S, Gillespie D, Bradshaw J, Gore N, Liew A, Lovell M, Sutton K, Richards C, Petrou S, Langdon PE, Grant G, Cooper V, Seers K, Hastings RP. Mapping and identifying service models for community-based services for children with intellectual disabilities and behaviours that challenge in England. *BMC Health Serv Res*. 2023 Dec 4;23(1):1354. doi: 10.1186/s12913-023-10388-9. PMID: 38049861; PMCID: PMC10696826.

Kidy F, McCarthy N, Seers K (2023) From symptom onset to treatment initiation: protocol for a narrative study exploring the journey of older adults with tuberculosis in the English Midlands, UK *BMJ*

Open 2023;**13**:e070933. doi: 10.1136/bmjopen-2022-070933

Nichols V, Abraham CA, Eldabe S, Sandhu HK, Underwood M & Seers K. (2023). "It was a joint plan we worked out together." How the I-WOTCH programme enabled people with chronic non-malignant pain to taper their opioids: a process evaluation perspective. *BMJ Open*. 2023 Dec 6;13(12):e074603. doi: 10.1136/bmjopen-2023-074603. PMID: 38056940; PMCID: PMC10711817.

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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*. 18(1). December 2023. Article Number 15. <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

Rinita Dam, Research Fellow. Experiences of Care

Dam R., Mponzi W., Msaky D., Mwandya 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>

Sofie Power, Research Fellow Health Outcomes

Power S, Rowley, N, Duncan M et al. (2023). Co-designing and refining a home-based exercise programme for adults living with overweight and obesity: Insight from people with lived experience. *Obesities*, 3(2), 132-144. DOI: <https://doi.org/10.3390/obesities3020011> (whilst at Coventry University).

Corinna Clark – Associate Professor (with Professor Boardman's group)

Clark, C. C. A., Holder, P., Boardman, F. K., Moody, L., Cowlard, J., Allen, L., Walter, C., Bonham, J. R. & Chudleigh, J., (2024) International perspectives of extended genetic sequencing when used as part of newborn screening to identify cystic fibrosis. *International Journal of Neonatal Screening*. 10, 2, 15 p., 31.

Chudleigh, J., Holder, P., **Clark, Corinna C. A.,** Moody, L., Cowland, J., Allen, A., Walter, C., Bonham, J. and Boardman, Felicity K. (2024) Parents' and childrens' of wider genomic testing when used as part of newborn screening to identify cystic fibrosis. *SSM - Qualitative Research in Health*, 6 . 100455.
doi:10.1016/j.ssmqr.2024.100455 ISSN 2667-3215.

Holder, P., **Clark, Corinna C. A.,** Moody, L., Boardman, Felicity K., Cowlard, J., Allen, L., Walter, C., Bonham, J. R. and Chudleigh, J. (2024) Stakeholder views of the proposed introduction of next generation sequencing into the cystic fibrosis screening protocol in England. *International Journal of Neonatal Screening*, 10 (1). 13.
doi:10.3390/ijns10010013 ISSN 2409-515X.

Nathan Pearson – Honorary Research Fellow.

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)

Southern C, Tutton E, Dainty KN, Seers K, Pearson NA, Couper K, Ellard DR, Perkins GD, Haywood KL. (2024) The experiences of cardiac arrest survivors and their key supporters following cardiac arrest: A systematic review and meta-ethnography. *Resuscitation*. (2024) 110188. Volume 198. May 2024.
<https://doi.org/10.1016/j.resuscitation.2024.110188>



Warwick Medical School

**Current Research Grants
August 2023-July 2024**

Grants: see links below:

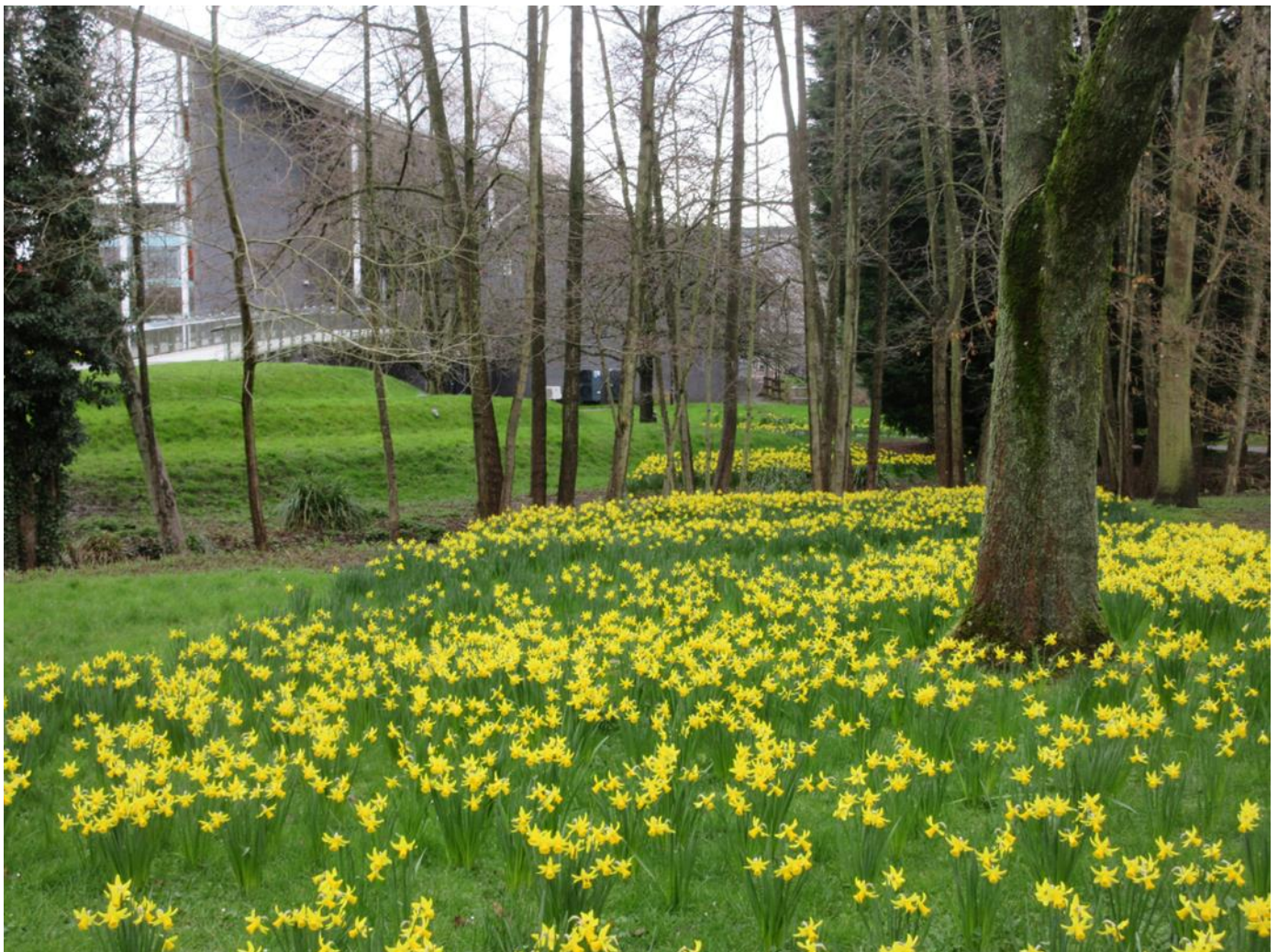
Kate Seers: https://warwick.ac.uk/fac/sci/med/research/hscience/wrn/staff/kate_seers/#research-projects

Sophie Staniszewska:

https://warwick.ac.uk/fac/sci/med/research/hscience/wrn/staff/sophie_staniszewska/#research-projects

Kirstie Haywood:

https://warwick.ac.uk/fac/sci/med/research/hscience/wrn/staff/kirstie_haywood/#research-projects



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. Emily successfully upgraded from a MPhil to a PhD this year.

Muhamed Farhan-Alanie

PhD funded by a NIHR doctoral fellowship. Study: Tourniquet Use in Ankle Fracture Fixation Surgery: A Mixed Methods Study. This project began February 2023 and is due to finish February 2026. The project aims to determine the feasibility of conducting a multicentre, triple-blinded, randomised controlled trial examining the benefits and risks of using a tourniquet in ankle fracture fixation surgery. It consists of several separate studies including focus groups with patients, nominal group technique consensus meeting with surgeons and anaesthetists, interviews with operating department practitioners, feasibility randomised controlled trial, and interviews with surgeon and patients who participated in this trial. Supervisors: Prof Julie Bruce, Prof Kate Seers, Prof Xavier Griffin.

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 and six months from March 2020 and is due to end in September 2024. This research aims to describe the current role of 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.

Katie Geary

Katie is undertaking a part time employer funded PhD. The research topic was initially motivated by observations in practice where patient experiences of care appeared to be affected by cultural differences between US patient and non US physician as assessed in her role as head of a global clinical quality programme. The research is titled exploring cultural factors that impact US patient experience of cross-cultural physician consultations. The research question was developed through a review of relevant literature and identification of this research gap. The study is supported by a Professional Group, a mix of UK GPs, US patients and academics. The study follows four work packages, a meta-ethnography of published qualitative literature to inform the topic guides for the semi-structured interviews with participants in UK, Italy and Japan. The output of which will be tested and assessed in three focus groups in the same locations. The participants of both the focus groups and interviews are US patients abroad who have had a non-acute consultation within the last 6 months with a non-US physician. The final work package is a synthesis of all findings using the extended Pillar Integration Process (ePIP). The research and analysis are intended to inform quality assessments of global healthcare in practice as well as providing a basis for further study in the UK. Supervisors Amy Grove, Kirstie Haywood, and Julia Gaulty. Katie successfully upgraded from a MPhil to a PhD this year and secured ethics approval.

Jake Grange

PhD funded by a collaborative studentship between the University of Warwick, Keele University, and Midlands Partnership University NHS Foundation Trust (MPUFT). Study: Patient Reported Outcome Measures Supporting

Patients with Axial Spondyloarthritis Flares in Accessing Care. This Project began in October 2023, finishing by April 2027. It aims to develop a deeper understanding of the flare experience in Axial Spondyloarthritis (axSpA) and explore how Patient Reported Outcome Measures (PROMs) could be used to support patients accessing care during a disease flare. This will be delivered through a three-phase mixed methods thesis. Stage 1, a systematic review, will discuss how rheumatology PROMs currently influence healthcare decision-making in routine practice. Stage 2 will involve qualitative interviews exploring the axSpA flare lived experience, and patient's attitudes towards PROMs that aim to capture those experiences. Finally, a quantitative secondary analysis of the FASTER study will use PROM data to identify and validate patient clusters that could inform the appropriate management plans for different individuals, such as patient-initiated follow-up (PIFU) or standard care. Supervised by Kirstie Haywood, Helen Parsons, James Prior, and Jon Packham.

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 and is now collecting data.

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 2024. The thesis will be submitted in October 2024. The study aims to describe the epidemiology of TB and its symptoms as captured in primary care electronic health records. A self-controlled case series study identifies when symptoms increase above baseline in the lead up to diagnosis. A narrative interview study explores the journey of older adults with TB. Results from quantitative and qualitative work will be triangulated after analysis. Initial results have been shared with TB teams and at lung health conferences. 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). Eleanor successfully defended her PhD – many congratulations Eleanor.

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 includes 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).

Other news from Warwick Research in Nursing

Corinna

WMS Technology Enhanced Learning Working Group (2024)

Corinna was invited to join after giving a presentation related to her PGA TEL work. The group included representatives from academic staff, under graduate and post graduate students, and professional services staff including academic technologists. I was one of the academic staff representatives and the main representative for staff who teach but who are not on a teaching pathway. I provided my perspective in meetings and comments on the draft visions. The vision was presented to the WMS Education Committee and there may be the opportunity for this to change from a task and finish to a standing group.

Sophie Staniszewska, Corinna Clark and Ed Hill (Maths) ran a successful interactive outreach event on 23rd May as part of the Warwick Resonate Festival. Sophie introduced the MEMVIE project, which produces second-opinion models vaccination models for the DHSC and the Joint Committee for Vaccination and Immunisation. MEMVIE is groundbreaking in its use of Public and patient Involvement embedded within mathematical modelling. Ed explained how models are built and models must fit within the requirements of policy makers and the constraints of what data is available. Corinna, using the analogy of baking a cake, detailed the steps of this process and how (and at which points) PPIE can contribute to this. The audience then designed an infectious disease and become the PPIE group, guiding and informing the modelling. We ended by opening the floor to questions, where we discussed how far public involvement in health policy work has come in recent years and where the team hopes it can go. We were joined by one of our public contributors, who spoke about her journey into PPIE and the benefits of getting involved. Feedback was overwhelming positive with some audience members saying they would consider becoming PPIE members in future.

<https://www.resonatefestival.co.uk/stories/who-helps-the-scientists>



Corinna (second left) and Sophie (second right) at the festival

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

We are very pleased to be working in partnership with Coventry City Council on the Health Determinants Research Collaboration (HDRC), one of 30 HDRCs funded by NIHR in different localities. The HDRCs aim to increase the use of research by councils to make services better and fairer. The focus of the HDRC is to build a research infrastructure that enables and supports future research within the Council. The research undertaken by the HDRC will be focused on the wider determinants of health which include transport, jobs, housing, digital inclusion, employment and skills, the environment in which people live and the early years experiences young people may have. Sophie Staniszewska is co-lead for the public involvement pillar of the HDRC. We are working to meaningfully involve the public and communities in identifying research priorities and in how we 'get things done.' Future studies will embed public and community involvement as a core activity.



Kirstie and Sophie

Supported by a successful application to the Warwick International Partnership Fund, Kirstie and Sophie have been delighted to have the opportunity to further develop their collaborative activities with Professor Katie Dainty from the University of Toronto, Canada. Kirstie and Katie have worked together for several years meeting through their shared interest (and passion!) towards developing, enhancing and influencing the science behind survivorship following cardiac arrest. The funding has supported Katie in visiting Warwick on two occasions, supported the trio in developing their shared interest and expertise in the active involvement and engagement of patients and the public in health research.

Traditional resuscitation research has included patients as subjects of research in studies. While this is important, we now need to see an international step change towards more active forms of co-production, with patients and researchers working in partnership. This funding has supported the development of a publication, highlighting the opportunities and potential approaches towards enhanced PPIE in resuscitation research. We anticipate that this work will inform future more substantive funding where the Warwick-Toronto partnership will leverage a significant change in the field of resuscitation research.

Images: Right: Micheal Bradfield (Resuscitation UK), Kirstie, Katie, Professor Gavin Perkins.

Below: Relaxing together!



Kirstie and Adele

Kirstie Haywood and colleague Adele Kenny won the Research Culture category in Warwick's Research Celebration. Their hard work and commitment resulted in significant outputs, including presenting their work at Warwick's International Research Culture conference, establishing a Research Culture Community of Practice, developing [WMS Research Culture webpages](https://warwick.ac.uk/fac/sci/med/research/culture/) (<https://warwick.ac.uk/fac/sci/med/research/culture/>), a publication detailing their research culture café initiative, and an upcoming video (!!!).

Their thematic analysis led to the development of actionable themes, laying the groundwork for positive change within the research culture at WMS.

Professor Kate Seers, WMS, said: "Adele and Kirstie's collaborative approach, actively involving both staff and students, exemplifies their commitment to co-creating a more inclusive and supportive research culture. Their

tireless efforts have yielded tangible outcomes, fostering a sense of community and providing valuable resources to support a positive research culture at WMS.”

The WMS Research Culture vision



L to R Sir David Normington (chair, University of Warwick Council), Adele Kenney and Kirstie Haywood winning their Research Culture award.

Kate was delighted to be invited to be an examiner for the brand new European Diploma in Pain Nursing – she’s pictured here (second row, second from left) with the other examiners from across Europe.



A celebration

In July, colleagues gathered over tea and (lots of!) cake to celebrate Kate and her many contributions to WMS, to Warwick University, to health services research, and to nursing. Whilst her outstanding academic achievements are many and rightfully acknowledged, first-hand experiences of Kate’s kindness, generosity of spirit, innovation and constant willingness to ‘go that extra mile’ to support and empower colleagues (of all ages and at any stage of their career) were shared by many. You are so very special Kate – truly one of a kind – and you will be missed. Do enjoy your well-deserved retirement – can’t wait to see what you do next! Thank you from all of us.

