Warwick Research in Nursing

Warwick Medical School

University of Warwick

14th Annual Report

1st August 2020 to 31st July 2021

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Front cover – On a lockdown walk
Above – Warwick Medical School Reception

Director's Message

It was always going to be a tough time working within a pandemic. Colleagues in Warwick Research in Nursing have risen to the many challenges Covid has continued to impose, and have still produced outstanding publications, been successful with grant income, continued supervising PhD students and teaching. We've all got rather used to talking online now and made the most of what virtual technology offers.

We have all continued to work from home, and as well as a monthly team meeting, we've had a monthly social catch up, just to keep in touch and make sure the sorts of social things we previously discussed face to face wouldn't be lost.

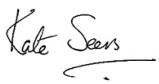
Our Warwick Research in Nursing team had not seen each other in person for many months, so once Covid regulations allowed it, we had a team lunch outside – it was so good to actually see colleagues in person, although we all had our face coverings and kept a social distance.

Our research has continued to focus on: patient and public involvement, experiences of care, patient reported outcomes, and translating knowledge into practice. Our research is collaborative, and we work with a range of excellent collaborators including lay partners, colleagues within the Medical School and across the University, and with other Universities both nationally and internationally. We have continued to be successful in generating external grant income.

Supervising PhD students is one of the most rewarding parts of our role. It is so motivating to watch students develop, graduate, and then have impact in their chosen area. We constantly reflect on our supervision and have our own community of practice to help develop our PhD supervision practice.

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, for all their support. I would also like to extend my thanks to all our Warwick Research in Nursing group for being so supportive, and for stepping up to the challenge of working within a pandemic – you've been brilliant, thank-you.

I am really looking forward to the next academic year, as we continue to be motivated by and deliver 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.
Kind regards



Kate Seers
Professor of Health Research
Director, Warwick Research in Nursing, July 2021

Summary of Progress 2020-2021

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 (theme A); experiences of care (theme B); patient reported outcomes (theme C) and translating knowledge into practice (theme D). 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 publications for 2020-2021 are listed from p8. Our work remains highly cited and has impact, helping us to fulfil our vision which includes generate knowledge that makes a difference.

Grants

We have been very successful in generating research grant income over the past year, and our grants running during the period of this report are listed are listed from p15. We continue to work collaboratively on grant applications with academics, health professionals and users of services as important collaborators and colleagues on these grants.

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. This year, Professor Kate Seers was given the great honour of being made a Freeman of the Barbers' Company by presentation, in recognition of her contribution to their clinical nursing scholarship for the last 26 years.

PhD Students

We have had an interesting year, with our existing PhD students making good progress and new students starting.

Newsletter

Our newsletter has been published twice a year. From this annual report onwards, we are going to combine our newsletter items with our Annual Report to streamline the process.

Contribution to the Academic Community

We contribute to the University in many ways. Professor Seers is co-lead for research in the Division of Health Sciences and a member of the Divisional Strategy Group. She is leading on embedding mentorship and career development across the Medical School. She now chairs the Athena SWAN self-assessment team for the Institutional Athena-SWAN, and she was part of the team that successfully bid for an Institutional Silver award. She is co-deputy chair of the Capital Space and Amenities Group. She has just started a three-year term on the University Academic Staff Committee (Promotions). Kate and Sophie

were part of the team that developed WMS' Research Excellence Framework submission, which evaluates the quality of our research.

Kate co-founded and supports the Women's Academic Network for the Medical School. She is a member of the Warwick Medical School Research Committee. She undertakes both a coaching & mentoring and a mediation role on behalf of the University. She is now academic lead for the University shadowing scheme which she initiated.

Professor Staniszewska is a member of the Impact Acceleration Committee, a member of the cross University Public Engagement Committee, the WMS representative on the UHCW PPI Strategy Group and a Foundation Fellow of the University's Warwick Institute of Engagement.

Dr Haywood is co-chair of WMS's Athena Swan working group which successfully submitted for a Silver award in April 2019. She supports fourteen sub-groups in this role, including a new student-lead 'MBChB' sub-group, and has developed strong collaborative links with other departments, including the School of Life Sciences. An ED&I Champion, in 2020 she established a new monthly ED&I seminar series at WMS and is a member of a working group reviewing of the integration of LGBT issues across the MBChB curriculum. She is a member of the WMS Attainment Gap working group. She leads the 'Advancing and Supporting Women's Careers' sub-group of the Warwick University Institutional Athena SWAN working group.

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 87% of Warwick's research 'world-leading' or 'internationally excellent'. 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 external to the University.

Key people 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 is Head of Academic Career Development at Warwick Medical School, which includes running their mentoring scheme. 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 is an editor at Cochrane Pain, Palliative and Supportive Care. She especially enjoys supervising PhD students and has supervised 24 to completion and acted as examiner for 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 on multimorbidity data led by the University of Aberdeen and 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.

Dr Kirstie Haywood leads on the Patient Reported Outcomes theme. She is an international and national research leader in applied health outcomes research, specifically patient reported outcomes (PRO), measurement science, health-related quality of life research, and patient and public involvement, with a significant and sustained reputation for innovation, original scholarship generating new knowledge with noteworthy research and policy impact. Since December 2020, she has led the Advanced Cases 1 Block for WMS's MBChB course and acted as Deputy to the Phase II lead; she is also a member of WMS' Education Committee. 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. In this role she supports 14 sub-groups and numerous 'beacon activities', supporting on the delivery and advancement of the Athena SWAN Silver Action Plan across the WMS community. She reports quarterly to both WMS' Senior Management Group and Divisional Strategy Groups. An ED&I champion, she: established (in 2020) and supports a monthly ED&I seminar series; and is a member of the Attainment Gap working group. She is also a member of the University's Athena SWAN self-assessment team, leading the 'Advancing and

Supporting Women's Careers' subgroup. She is an 'Academic Promotions Advisor', supporting colleagues from across Warwick University with their promotion cases.

Kirstie is a co-founder and chair of the Cardiac Arrest Recovery and Survivorship (CARS) working group, an international, multi-stakeholder group of cardiac arrest survivors, their family members, researchers, and health professionals. The group sits under the auspices of the International Liaison Committee on Resuscitation (ILCOR). She is also a co-founder of the International Taskforce on Cardiac Arrest Rehabilitation (ITCAR). A member of the international writing group that produced the American Heart Association's (AHA) scientific statement on survival following cardiac arrest (which directly informed the AHA 2021 guidelines), she also contributed to the European Resuscitation Guidelines for post-resuscitation care (2015 and 2021). She regularly works with the Resuscitation Council UK as an advisor on post-resuscitation care and survivorship. She is an active member of the International Society for Quality of Life research (ISOQOL) board of directors.

Dr Nathan Pearson is a mixed-methods researcher with a primary interest in outcome measurement, and a secondary interest in experimental psychology using eye-tracking and EEG (with a particular focus on face processing). Nathan's doctoral research focused on the development of a questionnaire (or patient-reported outcome measure) to measure fatigue in axial spondyloarthritis (axial SpA). This research was funded by the National Ankylosing Spondylitis Society (NASS; PI Dr Haywood). He attended an All-Party Parliamentary Group (APPG) for axial SpA. Currently, he is the research fellow on a project to develop a core outcome set for distal tibia and ankle fracture (COSTA) (PI Dr Haywood). In addition, Nathan supports the Medical School with its Athena Swan agenda as a member of the post graduate research student group and the Early Career Researcher subgroup. He recently developed a guide for conducting telephone interviews by computer (MiCollab). Nathan also works collaboratively with colleagues at Aston University on face processing research.

Vivien Nichols is a research fellow with an interest in qualitative and mixed methods research. This has led to involvement in process evaluation of complex educational and behavioural rehabilitation interventions.

Dr Liz Tutton (Honorary Research Fellow) undertakes research on patient and staff experience of illness, injury and recovery within Trauma, Musculoskeletal Sciences and Emergency care (NDORMS/Oxford University Hospitals) including paediatrics, adults, and older people.

Publications

Professor Sophie Staniszewska – Lead for Theme A: Patient and Public Involvement (PPI) and Theme B: Experiences of Care

2021

Ahmed I, Fatima Dhaif, Simon Abram, Nick Parsons, Charles Hutchinson, Andrew Price, Sophie Staniszewska, Andrew Metcalfe (2021). Patient beliefs and perceptions play a crucial role in the decision-making process when managing a meniscal tear. A qualitative systematic review of the literature. European Journal of Orthopaedic Surgery & Traumatology https://doi.org/10.1007/s00590-021-03019-8

Ahmed I, Moiz H, Carlos W, Edwin C, Staniszewska S et al (2021). The use of magnetic resonance imaging (MRI) of the knee in current clinical practice: A retrospective evaluation of the MRI reports within a large NHS trust. KNEE, 29, 557. DI 10.1016/j.knee.2021.02.034

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Day A, Staniszewska S, Bullock (2021). Planning for chaos: developing the concept of emergency preparedness through the experience of the paramedic. Journal of Emergency Nursing, Volume 47, Issue 3, May 2021, Pages 487-502

Hickey G, Allam A, Boolaky U, Mc Manus T, Staniszewska S, Tembo D (2021). Co-producing and funding research in the context of a global health pandemic. In COVID- 19 and Co- production in Health and Social Care Research, Policy, and Practice. Volume 1: The Challenges and Necessity of Co- production. Eds: Beresford P, Farr M, Hickey G, Kaur M, Ocloo J, Tembo, Williams O. Bristol: Policy Press.

Hoverd E, Staniszewska S, Dale J. The informed consent process in health research with under-served populations: a realist review protocol. *Syst Rev*. 2021;10(1):103. Published 2021 Apr 9. doi:10.1186/s13643-021-01652-2.

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Sanatinia R, Burns A, Crome P, Gordon F. Hood C, Lee W, Quirk A, Seers K, Staniszewska S, Zafarani G (2021). Factors associated with shorter length of admission among people with dementia in England and Wales: retrospective cohort study. BMJ Open 2021;11:e047255. doi:10.1136/ bmjopen-2020-047255

Staniszewska S, Hill EM, Grant, R et al. Developing a Framework for Public Involvement in Mathematical and Economic Modelling: Bringing New Dynamism to Vaccination Policy Recommendations. Patient (2021). https://doi.org/10.1007/s40271-020-00476-x

Staniszewska, S., & Söderholm Werkö, S. (2021). Mind the evidence gap: The use of patient-based evidence to create "complete HTA" in the twenty-first century. International Journal of Technology Assessment in Health Care, 37(1), E46. doi:10.1017/S026646232100012X

Tembo D, Hickey G, Montenegro C, Chandler D, Nelson E, Porter K, Staniszewska S et al. Effective engagement and involvement with community stakeholders in the co-production of global health research BMJ 2021; 372 :n178

Werkö SS, Staniszewska S (2021). Patient and public involvement in Health Technology Assessment: a new dawn? International Journal of Technology Assessment in Health Care 37, e54, 1–2. https://doi.org/ 10.1017/S0266462321000234

2020

Ahmed I, Khatri C, Parsons N, Hutchinson C, Staniszewska S, Price A, Metcalf A (2020). Meniscal Tear Outcome (METRO) review: a protocol for a systematic review summarising the clinical course and patient experiences of meniscal tears in the current literature. BMJ Open 2020;10:e036247. doi:10.1136/ bmjopen-2019-036247

Ahmed I, Bowes M, Hutchinson CE, Staniszewska, Price A, Metcalf A (2020). Meniscal tear outcome Study (METRO Study): a study protocol for a multicentre prospective cohort study exploring the factors which affect outcomes in patients with a meniscal tear. BMJ Open 2020;10:e038681. doi:10.1136/ bmjopen-2020-038681

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Weich S, Fenton S-J, Staniszewska S, Canaway A, Crepaz-Keay D, Larkin M, et al. Using patient experience data to support improvements in inpatient mental health care: the EURIPIDES multimethod study. Health Serv Deliv Res 2020;8(21)

Dr Kirstie Haywood - Lead for Theme C: Patient Reported Outcomes

2021

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Haywood K, Achtana F, Nichol V, Potter R, Underwood M, Matharu M; CHESS Team. Measuring health-related quality of life in people with chronic headache: a comparative evaluation of headache-specific patient-reported outcome measures. Cephalalgia. 2021. May 4:3331024211006045. doi: 10.1177/03331024211006045

Haywood KL, Ji C, Quinn T, Nolan JP, Deakin CD, Scomparin C, Lall R, Gates S, Long J, Regan S, Fothergill RT, Pocock H, Rees N, O'Shea L, Perkins GD. (2021) Long term outcomes of participants in the PARAMEDIC2 randomised trial of adrenaline in out-of-hospital cardiac arrest. Resuscitation. 2021 Mar;160:84-93. doi: 10.1016/j.resuscitation.2021.01.019. Epub 2021 Jan 30. PMID: 33524488.

Nolan JP, Sandroni C, Böttiger BW, Cariou A, Cronberg T, Friberg H, Genbrugge C, **Haywood K**, Lilja G, Moulaert VRM, Nikolaou N, Mariero Olasveengen T, Skrifvars MB, Taccone F, Soar J. European Resuscitation Council and European Society of Intensive Care Medicine Guidelines 2021: Post-resuscitation care. Resuscitation. 2021 Apr;161:220-269. doi: 10.1016/j.resuscitation.2021.02.012. Epub 2021 Mar 24.

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Topjian AA, Scholefield BR, Pinto NP, Fink EL, Buysse CMP, **Haywood K,** Maconochie I, Nadkarni VM, de Caen A, Escalante-Kanashiro R, Ng KC, Nuthall G, Reis AG, Van de Voorde P, Suskauer SJ, Schexnayder SM, Hazinski MF, Slomine BS. P-COSCA (Pediatric Core Outcome Set for Cardiac Arrest) in Children: An

Advisory Statement From the International Liaison Committee on Resuscitation. Resuscitation. 2021 May;162:351-364. doi: 10.1016/j.resuscitation.2021.01.023. Epub 2021 Jan 27.

2020

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

2021

Ahmed I, Chawla A, Underwood M, Price AJ, Metcalfe A, Hutchinson C, Warwick J, Seers K, Parsons H, Wall PDH. (2021) Infographic: Time to reconsider the routine use of tourniquets in total knee arthroplasty: an abridged version of a Cochrane systematic review and meta-analysis. The Bone and Joint Journal 103B(5):828-829. Published online 1st May 2021 doi:10.1302/0301-620X.103B5.

Ahmed I, Chawla A, Underwood M, Price AJ, Metcalfe A, Hutchinson C, Warwick J, Seers K, Parsons H, Wall PDH. (2021) Time to reconsider the routine use of tourniquets in total knee arthroplasty: an abridged version of a Cochrane systematic review and meta-analysis. The Bone and Joint Journal 103-B(5): 830-839 Published online 8 Mar 2021. https://doi.org/10.1302/0301-620X.103B.BJJ-2020-1926.R1

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McGregor G, Sandhu H, Bruce J, Sheehan B, McWilliams D, Yeung J, Jones C, Lara B, Smith J, Chen J, Fairbrother E, Ennis S, Heine P, Alleyne S, Guck J, Padfield E, Potter R, Mason J, Lal R, Seers K, Underwood, M. (2021) Rehabilitation Exercise and psycholoGical support After covid-19 InfectioN' (REGAIN): a structured summary of a study protocol for a randomised controlled trial. Trials. 22:8 https://doi.org/10.1186/s13063-020-04978-9

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2020

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McGregor G, Bruce J, Ennis S, Mason J, Lall R, Ji C, Sandhu H, Seers K, Banerjee P, Canaway A, Booth K, Taylor SJC, Robertson E, Pincus T, Singh S, Fitzmaurice D, Bowater S, Clift P, Underwood M (2020) Supervised pulmonary hypertension exercise rehabilitation (SPHERe): study protocol for a multi-centre randomised controlled trial. BMC Pulmonary Medicine (2020) 20:143 https://doi.org/10.1186/s12890-020-01182-y

Nichols V, Toye F Eldabe S, Sandhu H, Underwood M, Seers K (2020) Experiences of people taking opioid medication for chronic non-malignant pain: a qualitative evidence synthesis using meta-ethnography. BMJ Open. 2020;10:e032988. doi:10.1136/ bmjopen-2019-032988. https://bmjopen.bmj.com/content/bmjopen/10/2/e032988.full.pdf (accepted 7th January 2020).

Sanatinia R, Crawford M J, Quirk A, Hood C, Gordon F, Crome P, Staniszewska S, Zafarani G, Hammond S, Burns A & Seers K (2020). Identifying features associated with higher-quality hospital care and shorter length of admission for people with dementia: a mixed-methods study. Health Services and Delivery Research Volume: 8, Issue: 22, Published 12th May 2020. https://doi.org/10.3310/hsdr08220

Publications from Vivien Nichols, Contributes to Theme B, Theme C, and Theme D.

2021

Haywood K, Achtana F, Nichol V, Potter R, Underwood M, Matharu M; CHESS Team. Measuring health-related quality of life in people with chronic headache: a comparative evaluation of headache-specific patient-reported outcome measures. Cephalalgia. 2021. May 4:3331024211006045. doi: 10.1177/03331024211006045

2020

Nichols V, Toye F Eldabe S, Sandhu H, Underwood M, Seers K (2020) Experiences of people taking opioid medication for chronic non-malignant pain: a qualitative evidence synthesis using meta-ethnography. BMJ Open. 2020 doi:10.1136/ bmjopen-2019-032988. https://bmjopen.bmj.com/content/bmjopen/10/2/e032988.full.pdf

Publications from Nathan Pearson, Contributes to Theme B and Theme C

2021

Boutsen L, **Pearson NA**, Jüttner M. Do facially disfiguring features influence attention and perception of faces? Evidence from an antisaccade task. Q J Exp Psychol (Hove). 2021 Sep 6:17470218211041621. doi: 10.1177/17470218211041621. Epub ahead of print. PMID: 34388951.

Pearson, N. A., Tutton, E., Joeris, A., Gwilym, S., Keene, D., & Haywood K. L. (2021). Co-producing a multi-stakeholder Core Outcome Set for distal Tibia and Ankle fractures (COSTA): a study protocol. Trials, 22; 443. https://doi.org/10.1186/s13063-021-05415-1

2020

Pearson, N.A., Parsons, H., Tutton, E., Martindale, J., Strickland, G., Thompson, H., Packham, J., & Haywood, K. L. (2020). P70 Evaluating the WASTEd: a new co-produced patient-reported measure of axial spondyloarthritis (axSpA) fatigue and energy. Rheumatology, 59; supplement2.

Pearson, N. A., Strickland, G., Thompson, J., Martindale, J., Tutton, E., Parson, H., Packham, J., & Haywood, K. L. (2020). P71 Working collaboratively with patients as research partners in the co-production of the WASTEd: a measure of fatigue and energy in axial spondyloarthritis (axSpA). Rheumatology, 59; supplement 2.

Publications from Dr Liz Tutton (Honorary Research Fellow) - Contributes to Theme B: Experiences of Care

2021

Pearson, N. A., Tutton, E., Joeris, A., Gwilym, S., Keene, D., & Haywood K. L. (2021). Co-producing a multi-stakeholder Core Outcome Set for distal Tibia and Ankle fractures (COSTA): a study protocol. Trials, 22; 443. https://doi.org/10.1186/s13063-021-05415-1

2020

Phelps E, Tutton E, Griffin X, Baird J. A mixed-methods systematic review of patients' experience of being invited to participate in surgical randomised controlled trials. Social Science and Medicine. May 2020, volume 253, 112961 https://doi.org/10.1016/j.socscimed.2020.112961

Tutton l, Quarmby LM (2020). Patient experience of open fracture of the lower limb and practical psychological support. In: Eccles, S, Handley B, Khan U, Nanchahal J, Nayagam S, McFadyen I (Eds) Standards for the Management of Open Fractures. Chapter 17. https://oxfordmedicine.com/view/10.1093/med/9780198849360.001.0001/med-9780198849360

Current Research Grants
August 2020-July 2021

Funder/Topic/PI	Amount	Co-Investigators	Dates
RfPB Grant: 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	Co-apps: Helen Parsons, **Liz Tutton**, **Nathan Pearson**, Jean Thompson, George Strickland, Melanie Martin, Jane Martindale, Jon Packham	**Approved** July 23, 2021
NIHR RfPB LearninG from Women's ExpeRiences of Anal InContinencE after Vaginal Birth (GRACE) PI: Hillman & Bick	£150,000	Cornish, Keighley-, Parsons, Eccles, McGowan, Seers, Embleton	1/9/21 for 18 months.
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.	1st 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).	1-9-2020 for 24 months. 1/9/20-31/8/22
NIHR HS&DR Board Mapping and Evaluating Services for Children with Learning Disabilities and behaviours that Challenge (MELD). NIHR 129577PI: Hastings	£1,245,271	Shurlock, J, Bradshaw J, Richards CR, Liew A, Seers, K, Gore N, Lovell, M, Gillespie D Petrou S, Langdon P.	1/2/2021 for 39 months to 30/4/24
British Heart Foundation Research Training	£217,854	Helen Eftekhari (PhD student) Sophie Staniszewska (Supervisor)	1st August 2020-31st July 2024. 48 months

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			
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)
Chronic Headache Education and **NIHR Programme Grant for Applied Health Research** Self-management Study (CHESS) PI: Martin Underwood WMS	£1,999,976	Haywood + 12 co-apps	Jan 2015 - Jan 2020 (60 months)
NIHR HTA Improving the wellbeing of people with opioid treated chronic pain I-Wotch. PI: Sandhu (WMS)	£1,611,457	Seers, Haywood, et al	Started Sept. 2016 Extended to 2021. (39 months)
AO Foundation Towards the development of a generic core outcome set for fracture: developing a core outcome set for fractures of the proximal humerus (COSH) and distal tibia / ankle (COSTA) PI: Haywood	£254,871	Alex Joeris, Steve Gwillym (Oxford)	June 2019 2 years (no-cost extension to March 2022)
NIHR RfPB Tier 3 PEACH – evaluation and integration of new PROM for children with CFE/ME **PI: Crawley**	£149,375.00	Haywood K (WMS) Crawley E (PI) Bristol University et al	Oct 2019 – May 2022 31 months
Resuscitation Council UK SURVIVORS – developing a patient reported outcome measure for survivors of cardiac arrest Co-PI Haywood and Pearson	£20,000	Perkins, G	April 2020
Warwick Collaborative Research Partnership Scholarship (WCRPS): Developing a survivor-reported outcome measure following cardiac arrest	£69,124 Warwick University matched funding with University	Perkins, Haywood	From July 2019

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

Staff Development (1st August 2020-31st July 2021)

Kate Seers

- GDPR 1/9/20
- Emotional Intelligence 30-9-20. 45 minute course, passed 100%.
- Good Clinical Practice (GCP) Refresher: e-learning via NIHR Learn. 5/10/20
- Unconscious Bias Foundation Course. 19/10/20. 90% pass.
- Unconscious Bias Advanced Course 22-10-20 100% pass
- Confidentiality, integrity, and availability 22-10-20 83% pass
- Data Handling 22-10-20 100% pass
- Email essentials training 22-10-20 100% pass
- Essential Phishing awareness 22-10-20 100% pass
- Internet Security 22-10-20 100% pass
- Password safety training 22-10-20 100% pass
- Secure remote working 22-10-20 100% pass
- The psychology of leading a remote team Pearn Kandola webinar 45 mins 7-9-20
- Managing performance in a remote world. Pearn kandola webinar 45 mins 8-9-20
- Adapting to remote working. Pearn kandola webinar. 45 mins 8-9-20
- Bias and remote working Pearn Kandola webinar 45 mins 10-9-20
- Remote working. What have we learnt? Pears Kandola webinar 45 mins 11-9-20
- Working in Virtual Teams 1 hour. Warwick Business School 25-1-21
- Leading during uncertainty, Green Templeton College, Oxford University. Oscar Lyons and Mary Fenwick. 7/2/21 10am-1pm. Interactive – 4 or 5 breakout sessions.
- Online engagement. Effective public engagement online. Dr Jamie Gallagher. 3 hours. 30-3-21
- Information Security Essentials April 2021 1 hour. 100% pass
- British Pain Society Annual Scientific Meeting online. Two plenary lectures May 2021 (Phil Hammond and Cathy Stannard)
- Making better decisions in life and work. Professor Richard Canter. University of Oxford seminar. 1-2-21
- University of Warwick General health and Safety Induction. 30-6-21 (valid for 3 years)
- Fire Safety Awareness training 30-6-21 (valid for 3 years)
- H&S DSE 30-6-21 (valid for 3 years)
- Working effectively with the equality act 30-6-21 (valid for 3 years)
- Anti-Bribery Training (93%)

Sophie Staniszewska

- Data Handling July 2020
- GDPR Training Nov 2020
- Data Handling July 2021
- Essential Phishing Awareness July 2021
- Internet Security July 2020
- Password safety Nov 2020
- Secure remote working Nov 2020
- Information Security Essentials – Nov 2020
- ADHD Training Nov 2021
- Knowledge Mobilisation in Public Health Research – Dec 2021
- NIHR Diversity and Inclusion Training Event – Nov 2021
- Cochrane Training; Public Engagement and Involvement in Health Research: How well are we doing? Views from the global north vs the global south [July 2020]
- Cochrane Training: Experiences from implementation of PPI in healthcare research in Denmark 2009-2019 [February 2020]

- Cochrane Training: Building trust and sharing power for co-creation in Aboriginal health research [January 2020]
- Cochrane Training: No Choice of Outcomes About us Without us! [February 2020]
- Cochrane Training: Working together to beat covid-19: engaging and involving patients and public [June 2020]

Kirstie Haywood

- Working and Teaching with Active Racial Awareness Workshop (20/05/21)
- Grant Writing Workshop – Essential Guide to Grant Applications (Research Design Service South Central). 3-days. 2-4th March 2021 (Webinars)
- Managing Complex Research Projects (Webinars): 2-days. June 2021. Plus videos.
- PGR Supervisor Training (WMS) 04/10/21
- GDPR 04/02/21 100% pass
- Good Clinical Practice (GCP) Refresher: e-learning via NIHR Learn. 03/07/21
- Confidentiality, integrity, and availability (CIA) 04/02/21 100% pass
- Data Handling 04/02/21 100% pass
- Email essentials training 04/02/21 100% pass
- Essential Phishing awareness 04/02/21 100% pass
- Internet Security 04/02/21 100% pass
- Password safety training 04/02/21 100% pass
- Secure remote working 04/02/21 100% pass
- Information Security Essentials 04/02/21 1 hour. 100% pass

2021 European Resuscitation Council (ERC) Guidelines 2021 Conference, Amsterdam (Virtual):

- Post-resuscitation Care: 'Rehabilitation following cardiac arrest'.

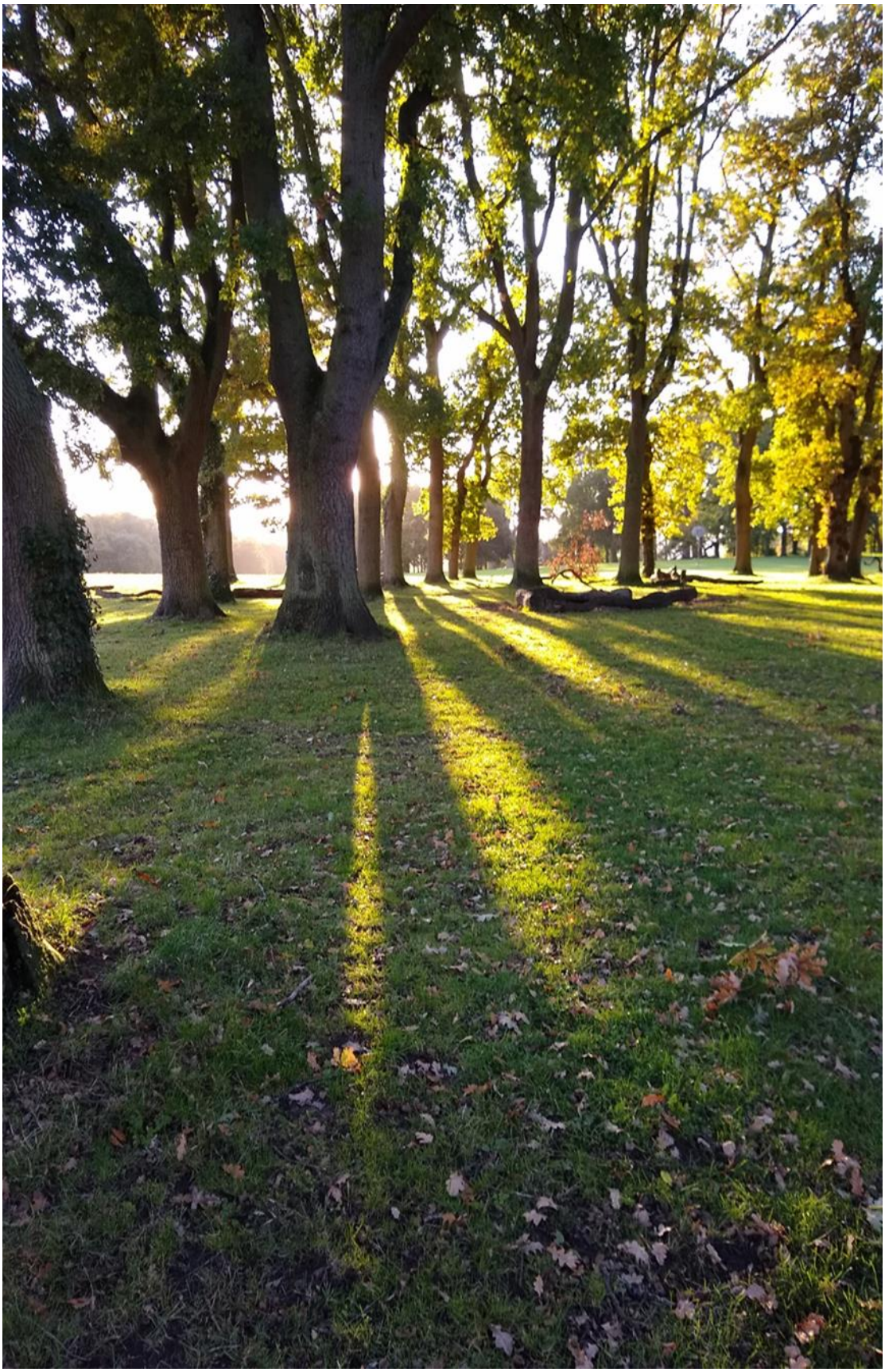
2020 European Resuscitation Council (ERC), Manchester (Virtual)

- Survivor Session: 'Trapped in a Disrupted Normality'
- Epidemiology of Cardiac Arrest Session: 'Which Outcomes Matter?'
- Resuscitation Council UK Session: 'Cardiac Arrest Outcomes – recent research data'

Vivien Nichols

All mandatory training up to date including:

- Fire safety awareness
- Information security essentials
- Diversity in the workplace
- GCP refresher
- GDPR training refresher.
- Up to date with WMS Clinical Trial Unit standard operating procedure additions and versions via Q-Pulse.

Nathan Pearson

- ISOQOL, October 2020 (Prague) – abstract accepted, qualitative review of patient experiences of ankle fracture
- Guest lecture at Keele University, Health Outcomes in Clinical Practice and Research (2020)
- BSR 2020 (E-conference) – 2x posters submitted and accepted
- Core training certs for working at WMS
- All researcher training up to date including Researcher Integrity training