

Current Projects

Collaboration for Leadership in Applied Health Research and Care West Midlands

January 2014 – December 2018

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Version 6 (May 2016)



1. Maternity and child health

The start of the human journey, through childhood to adolescence, is a critical period for future physical and mental health. Parents are partners in their children's health and the NHS is committed to high quality, safe and accessible maternity and children's services, as well as addressing unhealthy family lifestyles.



Theme Lead: Prof. Christine MacArthur, Professor of Maternal and Child Epidemiology, University of Birmingham c.macarthur@bham.ac.uk

Study Title	Study Lead	Partner Organisations
Exploratory review of the home birth service at Birmingham Women's NHS Foundation Trust.	Dr Sara Kenyon,	Birmingham Women's Hospital NHS Foundation Trust
Feasibility study for implementation in other maternity trusts of a maternity triage system developed during the CLAHRC pilot.	Dr Sara Kenyon	University Hospital of North Staffordshire NHS Trust; The Royal Wolverhampton NHS Trust; Shrewsbury & Telford NHS Trust
Place of birth discussion in maternity services.	Dr Sara Kenyon	Birmingham Women's Hospital NHS Foundation Trust
Examine effects of very early hospital discharge on women, babies and health professionals.	Dr Sara Kenyon	<i>(Project development phase)</i>
Establish feasibility of long-term follow-up of women and children in a trial of pregnancy outreach worker support conducted in the CLAHRC pilot with a view to making an application for external funding.	Dr Sara Kenyon	<i>(Project development phase)</i>
Investigate views of children, adolescents and parents on health and behaviour change advice delivered in the hospital to inform theoretically and empirically-based interventions.	Mrs Sally Bradshaw	Birmingham Children's Hospital NHS Foundation Trust
Evaluate the rollout of electronic prescribing with bespoke paediatric decision support suitable to the UK setting across secondary and tertiary services in a children's hospital.	Dr Carole Cummins	Birmingham Children's Hospital NHS Foundation Trust
Carry out a cross-sectional evaluation of implementation of Advance Care Plans for children with life-limiting conditions across two NHS regions.	Dr Carole Cummins	Birmingham Children's Hospital NHS Foundation Trust
Home birth exploratory review: Comparing framework qualitative analysis with a rapid analysis approach.	Dr Sara Kenyon	<i>(Methodological study)</i>
Effectiveness of regular weighing and feedback by community midwives in preventing excessive gestational weight gain: randomised controlled trial (POPS 2).	Dr Amanda Daley	<i>Primary care settings in West Midlands & Oxford</i>
A systematic review to examine the evidence regarding discussions by midwives, with women, around their options for where to give birth.	Dr Sara Kenyon	<i>(Systematic review)</i>
Feasibility study for implementation in other maternity trusts of a maternity triage system developed during the CLAHRC pilot [Birmingham Symptom specific Obstetric Triage System]: Protocol for implementation.	Dr Sara Kenyon	<i>Heart of England NHS Foundation Trust; University Hospital of North Staffordshire NHS Trust</i>

Study Title	Study Lead	Partner Organisations
Antenatal Prophylactic Pelvic floor Exercises And Localisation (APPEAL)	Prof Christine MacArthur	Collaboration with penCLAHRC, CLAHRC South London, CLAHRC East Midlands
Staff perspectives in relation to practices, processes and policies for the prescribing and administration of medicines - initial nurse study, service evaluation	Dr Carole Cummins	University of Birmingham
The implementation of electronic paediatric prescribing in paediatric hospital ward settings: understanding and evaluating the effects of implementing an electronic paediatric prescribing system on care provision and hospital work in paediatric hospital ward	Dr Carole Cummins	Birmingham Children's Hospital
Maternal readmission rate and duration of postnatal length of hospital stay: A population-based cohort study	Dr Carole Cummins	University of Birmingham
The effect of early postnatal discharge from hospital for healthy women and term infants: a systematic review	Miss Ellie Jones	<i>Systematic review</i>
Neonatal hospitalisation in the first 28 days after birth: An exploratory cross-sectional study of preventable neonatal admissions in England 2008-2014.	Miss Ellie Jones	<i>University of Birmingham; Birmingham Children's Hospital NHS Foundation Trust</i>
Magnolia House: New building, new service? A project to evaluate the early implementation and impact of Magnolia.	Dr Karen Shaw	<i>University of Birmingham, Birmingham Children's Hospital NHS Foundation Trust</i>

2. Prevention and early intervention in youth mental health

There is overwhelming evidence that many lifelong mental health problems begin in childhood and adolescence. However, despite being the leading cause of disability and burden in young people, failure to seek help and delays within mental health services can often leave them vulnerable and untreated.



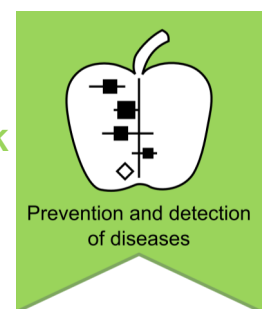
Theme Lead: Prof. Max Birchwood, Professor of Youth Mental Health, University of Warwick
m.j.birchwood@warwick.ac.uk

Study Title	Study Lead	Health & Social Care Partner Organisations
Don't turn your back on the symptoms of psychosis: a proof-of-principle, quasi-experimental public health trial to reduce the duration of untreated psychosis in Birmingham, UK.	Prof Max Birchwood	Birmingham & Solihull Mental Health NHS Foundation Trusts
Depression in adolescents and young adults: A matched case control study.	Prof Max Birchwood	Primary care settings in Birmingham
A systematic review and meta-analysis of cognitive-behavioural therapy for social anxiety disorder in psychosis.	Prof Max Birchwood	<i>Systematic review</i>
Understanding Risk Factors for the Development of Eating Disorders: A Qualitative Study.	Dr Charlotte Connor	Secondary schools in Birmingham

Study Title	Study Lead	Health & Social Care Partner Organisations
Women's lived experiences of a First Episode of Psychosis (FEP): A qualitative analysis of the influence of gender on day-to-day experiences of FEP and related healthcare needs.	Dr Anna Lavis	Birmingham & Solihull Mental Health NHS Foundation Trust
Prospective study of young people at risk of developing eating disorders: The 'SchoolSpace' project.	Dr Charlotte Connor	Birmingham City Council; Birmingham & Solihull Mental Health NHS Foundation Trusts
How can health services effectively improve the mental health and wellbeing of young people leaving public care? The LYNC Study.	Prof Doug Simkiss	Birmingham Community Healthcare NHS Trust; Birmingham City Council; Birmingham & Solihull Mental Health NHS Foundation Trusts
Sustaining Positive Engagement and Recovery (SUPEREDEN) – the next step after Early Intervention for Psychosis. Study 3: Improving social recovery in young people with emerging severe social disability: A proof of principle randomised controlled trial.	Prof Max Birchwood	Multisite
A pilot study to assess the feasibility and impact of a brief motivational intervention on problem drug and alcohol use in adult mental health inpatient units.	Prof Alex Copello	Birmingham & Solihull Mental Health NHS Foundation Trust.
PARTNERS2: development and pilot trial of primary care based collaborative care for people with serious mental illness.	Prof Max Birchwood	Primary care settings in Birmingham
THE MILESTONE PROJECT: Managing the link and strengthening transition from child to adult mental health care.	Prof Swaran Singh	Multisite
Linear and non-linear brain changes over the transition to psychosis.	Prof Stephen Wood	King's College London

3. Prevention and detection of diseases

There is an increasingly strong financial incentive to improve prevention and detection of disease amongst younger and middle-aged adults. To ensure the UK ages healthily, the promotion of healthy lifestyles must run alongside screening programmes for a population empowered by increased awareness of symptoms, diagnosis, and treatment options.



Theme Leader: Prof. Aileen Clarke, Professor of Public Health and Health Services Research, University of Warwick aileen.clarke@warwick.ac.uk

Study Title	Study Lead	Health & Social Care Partner Organisations
Does total joint arthroplasty of the hip and knee reduce the risk for serious cardiovascular events in patients with moderate-severe osteoarthritis?	Mr Edward Davis	The Royal Orthopaedic Hospital NHS Foundation Trust; Dudley Group of Hospitals NHS Foundation Trust
A retrospective cohort study to determine the impact of infection in CKD on all-cause mortality, cardiovascular disease and kidney function.	Prof Tom Marshall	University Hospitals Birmingham NHS Foundation Trust; Primary Care Settings in Birmingham

Study Title	Study Lead	Health & Social Care Partner Organisations
Changing case Order to Optimise patterns of Performance in mammography Screening (CO-OPS): study protocol for a randomized controlled trial.	Dr Sian Taylor-Philips	UK wide – Breast Screening Centres
Fluorouracil plasma monitoring: the My5-FU assay for guiding dose adjustment in patients receiving fluorouracil chemotherapy by continuous infusion.	Dr Paul Sutcliffe	NICE
Accurate diagnosis of latent Tuberculosis in children, in people who are immunocompromised or at risk from immunosuppression, and recent arrivals from countries with a high incidence of Tuberculosis: systematic review and economic evaluation.	Dr Paul Sutcliffe	NICE
Estimation of undiagnosed and untreated atrial fibrillation in UK primary care.	Prof Tom Marshall	UK wide primary care settings
A randomised controlled trial evaluating the effectiveness and cost-effectiveness of 'Families for Health', a family-based childhood obesity treatment intervention.	Dr Wendy Robertson	Coventry City Council, Warwickshire City Council, Wolverhampton City Council
Non-Invasive prenatal testing (NIPT) for T21, 18 and 13, an Evidence Review for the UK National Screening Committee.	Dr Sian Taylor-Philips	UK National Screening Committee; University Hospital Coventry and Warwickshire NHS Trust
NIHR Clinical Trials Fellowship "Randomised Controlled Trials and alternatives for evaluating diagnostic tests".	Dr Sian Taylor-Philips	
Systematic Reviews to Underpin the Development of a Blood Test for Cancer.	Prof Ian Cree	University Hospital Coventry and Warwickshire NHS Trust
Lighten Up Plus.	Prof Kate Jolly	Birmingham City Council
"Where's WALY? : A proof of concept study of the 'wellbeing adjusted life year'. A Comparison of the EQ-5D and WEMWBS across 2 annual cross-sectional surveys in Coventry England".	Dr Rebecca Johnson	Coventry City Council
Systematic Review: Parent only interventions for childhood overweight or obesity (Cochrane Review).	Dr Rebecca Johnson	<i>(Systematic reviews)</i>
Diet, physical activity and behavioural interventions for the treatment of overweight or obesity in adolescents aged 12 to 17 years (Cochrane Review).	Dr Lena Al-Khudairy	<i>(Systematic reviews)</i>
The experiences of the smoking carers of children in a Paediatric Intensive Care Unit: A qualitative study protocol.	Prof Kate Jolly,	Birmingham Children's Hospital NHS Foundation Trust
Warwick (Cochrane) Preventive Heart Group.	Dr Karen Rees	<i>(Systematic reviews)</i>
A review of the cross-sectional associations of explanatory variables with overweight and obesity for minority ethnic groups in the UK	Ms Marie Murphy	

Study Title	Study Lead	Health & Social Care Partner Organisations
Vitamin C supplementation for the primary prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Omega 6 fatty acids for the primary prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Yoga for the primary prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Fixed-dose combination therapy for the prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Tai chi for primary prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Vitamin K for the primary prevention of cardiovascular disease.	Dr Karen Rees	<i>(Systematic reviews)</i>
Evaluation of case-finding for untreated AF in primary care.	Prof Tom Marshall	Iridium Practice, Birmingham
Startwell a service evaluation of nutritional and physical activity training for early years staff.	Prof Kate Jolly	Birmingham City Council and Birmingham Community Health Care NHS Trust
Various public health projects.	Jenny Sheppard & Mark Sheldon	Worcestershire Country Council
The barriers and facilitators to the implementation of NICE clinical guidelines in UK practice. Elective orthopaedics using total hip replacement for the treatment of end stage arthritis.	Ms Amy Grove	University Hospitals Coventry and Warwick
Newborn Blood Spot Screening for Tyrosinaemia type 1 in the UK	Dr Sian Taylor-Phillips	UK National Screening Committee
Ataluren for treating Duchenne muscular dystrophy with a nonsense mutation in the dystrophin gene.	Dr Peter Auguste	NICE
The LISA-TRACKER anti-tumour necrosis factor (anti-TNF) assay kits, used for monitoring anti-TNF drugs and antibodies in people with inflammatory bowel disease.	Mrs Karoline Freeman	NICE
LDK378 for previously treated anaplastic-lymphoma-kinase-positive non-small-cell lung cancer.	Dr Emma Loveman	
Rehabilitation EnAblement in CHronic Heart Failure (REACH-HF) intervention.	Prof Rod Taylor	PenCLAHRC, CLAHRC West Midlands and CLAHRC East Midlands
A mixed methods review/synthesis of the perceptions and beliefs related to weight status / obesity for minority ethnic groups in the UK	Ms Marie Murphy	
Risk scoring systems which combine the FIT result for colorectal cancer screening: a systematic review	Ms Jennifer Cooper	
Lifestyle Risk Factors and Colorectal Cancer Screening: FIT Pilot Analysis and Development of a Risk-Adjusted Prediction Model	Ms Jennifer Cooper	University Hospitals Coventry and Warwick; Southern Bowel Cancer Screening Centre
The feasibility and accuracy of using routinely recorded data from electronic GP records in a risk prediction model combining the FOBT for colorectal cancer screening	Ms Jennifer Cooper	University of Birmingham

Study Title	Study Lead	Health & Social Care Partner Organisations
Risk-Adjusted Colorectal Cancer Screening Using the FIT: Development of a Risk Prediction Model using Routine Data	Ms Jennifer Cooper	Queen Mary University
Universal antenatal culture-based screening for maternal Group B Streptococcus (GBS) carriage to prevent early-onset GBS disease: An external rapid review and routine data analysis	Dr Sian Taylor-Phillips	UK National Screening Committee
Risk and protective factors for the transition of Group B Streptococcus (GBS) from maternal carriage to neonatal early-onset GBS disease	Dr Sian Taylor-Phillips	UK National Screening Committee
Adverse events in women and children who have received intrapartum antibiotic prophylaxis treatment	Dr Sian Taylor-Phillips	UK National Screening Committee
Accuracy and timeliness of real-time polymerase chain reaction tests for Group B Streptococcus maternal colonisation in pregnant women in labour compared to antenatal culture	Mrs Farah Seedat	Cochrane Pregnancy and Childbirth Group
International comparisons of policy-making systems and processes for population health screening: A systematic review	Mrs Farah Seedat	UK National Screening Committee
Community onset sepsis and its public health burden: protocol of a systematic review	Dr Alexander Tsertsvadze	
Health Checks	Dr Chris Stinton	Public Health Coventry, Public Health Warwickshire, Public Health Dudley
Systematic review of interventions health professionals views of prescribing anti-coagulations for atrial fibrillation - qualitative	Prof Kate Jolly	<i>Systematic review</i>
Diet, physical activity and behavioural interventions for the treatment of overweight or obesity in adolescents aged 12 to 17 years (Cochrane Review)	Dr Lena Alkhudairy	
The experiences of the smoking carers of children in a Paediatric Intensive Care Unit: A qualitative study protocol	Prof Kate Jolly	Birmingham Children's Hospital
Startwell: a service evaluation of nutritional and physical activity training for early years staff	Prof Kate Jolly	Birmingham City Council and Birmingham Community Health Care NHS Trust
Evaluation of the Eat Well Move More child weight management service	Dr Rebecca Johnson	Solihull Metropolitan Borough Council
Transatlantic knowledge mobilisation in public health: lessons for best practice	Dr Rebecca Johnson	

4. Chronic diseases

Finding new, sustainable, and cost effective ways of managing people with long-term conditions is increasingly being recognised as the next big challenge for health and adult social care. Many people with long-term conditions have complex needs because they have more than one condition and need services across hospitals, general practice, community services, and social care. However, many people's experience is that care is fragmented and not integrated across different services.



Theme Lead: Prof. Jon Glasby, Director, Health Services Management Centre, University of Birmingham j.glasby@bham.ac.uk

Deputy Theme Lead: Dr Gill Combes, University Hospitals Birmingham NHS Foundation Trust g.combes@bham.ac.uk

Study Title	Study Lead	Health & Social Care Partner Organisations
The effectiveness of interventions to achieve co-ordinated multi-disciplinary care and reduce hospital use for people with chronic diseases.	Dr Sarah Damery	
Evaluating the predictive strength of the LACE index at identifying patients at high-risk of readmission to hospital following an inpatient episode.	Dr Sarah Damery	Sandwell and West Birmingham NHS Trust
Evaluation of Birmingham's IMPACT teams (community based GP, social worker and community nursing teams).	Dr Sarah Damery	Birmingham City Council
Evaluation of new trauma pathway for frail older people.	Dr Sarah Flanagan	Heart of England NHS Foundation Trust
Evaluation of integrated hip fracture pathway.	Dr Sarah Damery	University Hospitals Coventry and Warwickshire NHS Trust
Emotional and psychological support for renal dialysis patients.	Dr Gill Combes, Francesca Taylor	University Hospital of North Staffordshire NHS Trust; The Royal Wolverhampton NHS Trust
Development of an enhanced review to integrate assessment, treatment and referral of pain and mental health conditions into chronic disease clinics in primary care.	Prof Christian Mallen	Stoke-on-Trent Clinical Commissioning Group; North Staffordshire Clinical Commissioning Group; South Staffordshire and Shropshire Healthcare NHS Foundation Trust; Staffordshire and Stoke-on-Trent Partnership NHS Trust
Development and evaluation of a training package to test the assessment, treatment and referral of osteoarthritis (OA) related pain and mental health conditions in an enhanced chronic disease review in primary care (study 2).	Dr Emma Healey	Various primary care settings
An evidence synthesis to develop optimal management packages for patients with pain and mental health problems and comorbid long term conditions in primary care.	Dr Clare Jinks	Various primary care settings
HECTOR – Heartlands Elderly Care, Trauma & Ongoing Recovery Project. A service-level evaluation of a pilot programme designed to improve outcomes for elderly patients sustaining trauma injuries.	Dr Sarah Flanagan	Heart of England NHS Foundation Trust (HEFT)

Study Title	Study Lead	Health & Social Care Partner Organisations
Getting to hospital at a single stroke. A crash course for GP receptionists on the recognition and handling of acute stroke.	Dr Elizabeth Bates	Various primary care settings
Improving primary care for people with long term conditions: integrated working between general practice and adult social work teams.	Dr Robin Miller	Staffordshire County Council & Staffordshire CCG
Healthcare support to care homes.	Dr Sarah Damery	NHS Birmingham CrossCity CCG
Evaluation of Supported Integrated Discharge at Heart of England Foundation Trust	Dr Sarah Damery	Heart of England NHS Foundation Trust
Evaluation of MyHealth patient platform for transplant patients.	Dr Sarah Damery	University Hospitals Birmingham NHS Foundation Trust
A Randomised Controlled Trial to investigate the effectiveness of Thoracic Epidural and Paravertebral Blockade In reducing Chronic Post-Thoracotomy Pain – TOPIC Feasibility Study.	Dr Sarah Flanagan	Heart of England NHS Foundation Trust
The Impact of Giant Cell Arteritis (GCA) Study.	Prof Christian Mallen	
The Joint Symptoms Questionnaire Study.	Prof Christian Mallen	
Polymyalgia Rheumatica (PMR): a qualitative interview study of general practitioners.	Prof Christian Mallen	
Survey of Physiotherapist Intervention with PMR patients (SPIN PMR).	Prof Christian Mallen	
Colchicine Or Naproxen Treatment for ACute gouT (CONTACT).	Dr Ed Roddy	
Stratified Care for Patients with Sciatica and Suspected Sciatica in Primary Care: A randomised trial (the SCOPiC trial - Sciatica Outcomes in Primary Care).	Dr Nadine Foster	
Improving the Care of People with Long Term Conditions (ENHANCE).	Dr Christian Mallen	
Smart Rehabilitation at Home before and after Lung Surgery (Fit for Surgery).	Dr Sarah Flanagan	Heart of England NHS Foundation Trust

4. Chronic diseases (continued)

Study Title	Study Lead	Health & Social Care Partner Organisations
Evaluation of the Heartlands Pre-dialysis Peer Education Project.	Dr Gill Combes, Dr Francesca Taylor, Dr Sarah Damery	Heart of England NHS Foundation Trust
Introduction of a pharmacy and psychosocial intervention in care homes to limit the use of psychotropic medication to treat Behavioural and Psychological Symptoms of Dementia (BPSD) – a feasibility study.	Dr Sarah Damery	Birmingham and Solihull Mental Health Foundation Trust
Evaluation of the Coventry alliance: best care, anywhere (PMCF).	Dr Gill Combes, Dr Robin Miller	Coventry Clinical Commissioning Group
Emotional and psychological support for patients with ESRD pilot study.		University of Birmingham
Hector 2 - Follow-up study HECTOR – Heartlands Elderly Care, Trauma & Ongoing Recovery Project. Evaluation of new trauma pathway for frail older people (HECTOR)	Dr Sarah Flanagan	University of Birmingham
Modelling the effects of treatment frequency for home haemodialysis patients.	Dr Gill Combes	University Hospitals Birmingham NHS Trust; Manchester Royal Infirmary
Feasibility of a brief weight management intervention embedded within routine health care consultations for the prevention of weight gain after renal transplant: RCT (PROMPT)	Dr Helen Paretta	UoB, UHBFT, University of Oxford, CLAHRC Oxford
Scoping review of systematic reviews and RCTs focusing on polypharmacy and inappropriate prescribing interventions	Mrs Elaine O'Connell Francischetto	<i>Systematic review</i>
Evaluation of the Older Person's Assessment and Liaison service (OPAL).	Dr Kiran Kalirai	University Hospitals Birmingham NHS Foundation Trust
Integrating emotional and psychological support into the end-stage renal disease pathway: use of mixed methods to identify the most effective support to meet patients' lower-level needs.	Dr Francesca Taylor	Heart of England NHS Foundation Trust, The Royal Wolverhampton NHS Foundation Trust
Discharge interventions for frail older patients leaving hospital: a systematic meta-review.	Elaine O'Connell Francischetto	

5. Implementation and organisational studies

This cross-cutting theme provides state of the art management for the implementation of service change in the four service themes and for independent study of the change process. This theme incorporates an 'offline' laboratory at Warwick Business School where new ways of working will be tested and refined



Theme Leader: Prof Graeme Currie, Professor of Public Management, Warwick Business School, University of Warwick Graeme.Currie@wbs.ac.uk

Study Title	Study Lead	Health & Social Care Partner Organisations
Managing Patient Safety Evidence in Birmingham Children's Hospital - SAFE project	Dr Brian Litchfield-Cant	Birmingham Children's Hospital
Evidence into practice: applying absorptive capacity to the case of STARTBACK.	Dr Helene Bussy-Socrate	Stoke-on-Trent CCG; North Staffordshire CCG
BSOTS - Feasibility study for implementation in other maternity trusts of a maternity triage system developed during the CLAHRC pilot.	Dr Helene Bussy-Socrate	Heart of England NHS Foundation Trust (HEFT); University Hospital of North Staffordshire NHS Trust
HECTOR – A service-level evaluation of a pilot programme designed to improve outcomes for elderly patients sustaining trauma injuries.	Dr Brian Litchfield-Cant	HEFT
Integrating primary and secondary care mental health services: a new role for nurse practitioners in BSMFT	Dr Giovanni Radaelli	Birmingham & Solihull Mental Health Foundation Trust
Implementing 'Patients Know Best': Personal Health Records pilots in Sandwell and West Birmingham Hospitals NHS Trust.	Dr Giovanni Radaelli	Sandwell and West Birmingham Hospitals NHS Trust
Implementation of the NHS Health Check Programme in Coventry and Warwickshire.	Dr Brian Litchfield-Cant	Coventry County Council, Warwickshire County Council
Developing a whole-system Management Network for Medically Unexplained Symptoms in BSMFT and Sandwell and West Birmingham Hospitals NHS Trust.	Dr Giovanni Radaelli	Birmingham and Solihull Mental Health Foundation Trust and Sandwell and West Birmingham Hospitals NHS Trust.
Handover and Innovation at a Children's Hospital	Mr Simon Blake	Birmingham Children's Hospital
The 'Mental Health Service for Children and Young Adults aged 0-25' in the Greater Birmingham Area: translation of evidence during the development and implementation of a new integrated service.	Dr Giovanni Radaelli	Birmingham Children's Hospital (Forward Thinking Birmingham)
Implementing 'Patients Know Best': Personal Health Records pilots in Sandwell and West Birmingham Hospitals NHS Trust.	Dr Giovanni Radaelli	Sandwell and West Birmingham Hospitals NHS Trust
Increasing Organizational Learning in an NHS Hospital.	Dr Kelly Ann Schmidtke	HEFT
Improving statistical data visualization to inform decisions about healthcare safety.	Dr Kelly Ann Schmidtke	HEFT
The midwifery support worker role	Prof Eivor Oborn	Birmingham Women's Hospital
Organisational Mindfulness and Healthcare	Prof Graeme Currie	University Hospitals Coventry and Warwick
Modelling The Healthcare Pathway for Individuals with Frailty	Prof Leroy White	Shrewsbury & Telford Hospitals
Using control charts to learn about and improve emergency medicine performance measures.	Dr Kelly Ann Schmidtke	WMAHSN
A New Vision for Patient Safety Learning: Conceptualizing Unlearning in Routines and Practices.	Prof Graeme Currie	HEFT

Patient and public involvement, engagement and participation

We know that the patient plays a central role in the work that we do; working closely with the public can lead to better research, clearer outcomes and a faster uptake of new evidence.

CLAHRC WM has been developing two key strands in relation to Patient and Public Involvement (PPI), one focused on operational aspects and the other focused on developing research.

The first strand related to the involvement of patients and the public in our work through the recruitment of volunteers called 'PPI Advisors' who can bring a lay perspective to the work that we do. The second strand relates to developing research about patient and public involvement in research and implementation activity and this work is led through the Implementation and Organisational Studies cross-cutting theme.

PPI Operations Lead: Nathalie Maillard, Head of Programme Delivery (Operations) Warwick Medical School, University of Warwick n.maillard@warwick.ac.uk



PPI Advisor Name	Theme / CLAHRC WM Role
Graham Brown	PPI Advisor Theme 1
Imogen Chappelow	PPI Advisor Theme 1
Barry Clark	PPI Advisor Theme 2 Chair of PPI Supervisory Committee Member of Programme Executive Committee
Keith Elder	PPI Advisor Theme 2 Member of Programme Steering Committee
Andrew Entwistle	PPI Advisor Theme 3
Ray Fiveash	PPI Advisor Theme 3 Member of Programme Executive Committee
Richard Grant	PPI Advisor Theme 2
Ruth Hewston	PPI Advisor Theme 1
Jennifer Leech	PPI Advisor Theme 4
Priti Parmar	PPI Advisor Theme 4
Magdalena Skrybant	PPI Advisor Theme 4 Member of Programme Executive Committee
Deb Smith	PPI Advisor Theme 4 Member of Programme Steering Committee

PPI Research Lead: Sophie Staniszewska, Warwick Medical School, University of Warwick
Sophie.Staniszewska@warwick.ac.uk

Study Title	Study Lead
Understanding the experiences of patient and public involvement in research implementation in CLAHRC WM: A longitudinal study of the role of public advisors. (All Service Themes)	Dr Alison Hipwell
Understanding the values, motivation & experiences of PPI in research implementation in CLAHRC WM - A longitudinal study of the role of public advisors.	Dr Lee Gunn
Evaluation of impact of PPI Advisor role in implementation of research evidence in practice.	Dr Sophie Staniszewska
PPI in implementation: towards a research agenda	Dr Lee Gunn

6. Research methods

This cross-cutting theme will ensure that the research methods are designed to adequately answer complex questions and promote public engagement with the scientific ideas behind service evaluation.



Theme Leader: Prof. Richard Lilford, Professor of Public Health, University of Warwick r.j.lilford@warwick.ac.uk

Study Title	Study Lead	Health & Social Care Partner Organisations
A systematic review and meta-analysis to identify the health and economic consequences of adverse events at the patient level.	Prof Richard Lilford	(Systematic review)
Evaluation of the GP recruitment process in the UK.	Dr Celia Taylor	Health Education England
The 'beyond synthesis impact chain'. Review methodologies and reporting techniques that maximise impact and uptake in educational policy and practice.	Dr Celia Taylor	University of Essex and University of Birmingham
Publication bias in health services and delivery research.	Prof Richard Lilford	
Systematic overview of early childhood cognitive Interventions for promoting child development.	Prof Richard Lilford	(Systematic review)
Literature review for High Intensity Specialist Led Acute Care (HISLAC): systematic review on weekend effects and literature review on consultant effects to facilitate economic modelling.	Dr Yen-Fun Chen	University Hospitals Birmingham NHS Foundation Trust
Horizon of science: the effect of biases with low base rates and small effect sizes.	Prof Richard Lilford	
Improving the health literacy of Lay Community Health Workers in Southern Africa.	Prof Richard Lilford	Sizabantu, South Africa; St Appollinaris Hospital; Underberg clinic
Identifying medical risk in the criminal justice system – economic evaluation of Liaison and Diversion services.	Prof Richard Lilford	RAND Europe
Public Health Projects - Housing and Health Data Linkage.	Mr Gavin Rudge	Worcestershire County Council, Sandwell Metropolitan Borough Council
Interventions at one remove.	Prof Richard Lilford	Coventry City Council
Are increases in mortality observed among weekend admissions attributable to service quality or casemix (HISLAC).	Dr Sam Watson	
Comparison of passing standards for written finals examinations in UK Medical Schools.	Dr Celia Taylor	MSCAA
Modelling the evidence for stockpiling neuraminidase inhibitors for pandemic usage.	Dr Sam Watson	University of Nottingham
Integrating Multiple Sources of Evidence.	Dr Sam Watson	Health Foundation
User fees for access to healthcare in Neno, Malawi.	Dr Sam Watson	Partners in Health
Walking Away from Gestational Diabetes and its consequences: a joint project of CLAHRC East Midlands and CLAHRC West Midlands.	Prof Kamlesh Khunti	CLAHRC East Midlands, NIHR Leicester-Loughborough Diet, Lifestyle and Physical Activity Biomedical Research Unit

Projects linked/related to the Academic Health Science Network - West Midlands



CLAHRC WM Liaison / Lead: Paul Bird, Head of Programme Delivery (Engagement) University Hospitals Birmingham NHS Foundation Trust (Secondment) paul.bird@uhb.nhs.uk

Project Title	Study Lead	Academic linked to CLAHRC WM Theme
Implementation of "YouthSpace".	Dr Peter Lewis, Dr Paul Patterson, Birmingham & Solihull Mental Health Foundation Trust	Service Theme 2
Improving primary care for people with long-term conditions: integrated working between General Practices and Adult Social Work Teams.	Dr Robin Miller, Dr Gill Combes, University of Birmingham	Service Theme 4
Getting to Hospital at a Single Stroke: A Crash Course for GP . Receptionists on the recognition and handling of Acute Stroke.	Dr Liz Bates, University of Birmingham	Service Theme 4
STarT Back.	Helen Duffy, Keele University (NHS Consortium Manager)	Service Theme 4
Simple Telehealth/Flo.	Dr Ruth Chambers, Keele University (Honorary)	Service Theme 4
Integrated Care Network (for Long Term Conditions).	Rhian Hughes, Keele University	Service Theme 4
Using control charts to learn about and improve emergency medicine performance measures.	Dr Kelly Schmidtke, Warwick Business School	Cross-cutting Theme 5
Patient safety collaboratives.	Prof Graeme Currie, Warwick Business School	Cross-cutting Theme 5
Effective practice (includes implementation of NICE guidance).	Ms Louise Bentham, University of Birmingham	Cross-cutting Theme 6
Hydrate for health.	Dr Ian Litchfield, University of Birmingham	Cross-cutting Theme 6
Drug safety.	Dr Jamie Coleman, University of Birmingham	Cross-cutting Theme 6

For more information on the West Midlands AHSN please visit their website <http://wmahsn.org/>

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