

Current Projects

Collaboration for Leadership in Applied Health Research and Care West Midlands

January 2014 – December 2018

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Version 5 (January 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,

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.	Dr Chris Chiswell, Dr Carole Cummins	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.	Ms Fiona Renyolds, Dr Carole Cummins, Dr Jamie	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	Lead site: Birmingham Children's Hospital NHS
Home birth exploratory review: Comparing framework qualitative	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	Dr Sara Kenyon,	<i>(Systematic review)</i>
Feasibility study for implementation in other maternity trusts if 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>
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, Professor Christine MacArthur, Dr Beck Taylor, Dr Carole Cummins	<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.

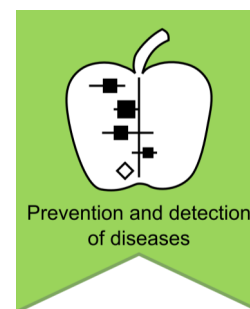


Theme Lead: Prof. Max Birchwood, Professor of Youth Mental Health, University of Warwick
m.j.birchwood@warwick.ac.uk

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, University of Warwick	Birmingham & Solihull Mental Health NHS Foundation Trusts
Depression in adolescents and young adults: A matched case control study.	Prof Max Birchwood, University of Warwick; Prof. Tom Marshall, University of Birmingham	Primary care settings in Birmingham
A systematic review and meta-analysis of cognitive-behavioural therapy for social anxiety disorder in psychosis.	Prof Max Birchwood, University of Warwick	(Systematic review)
Understanding Risk Factors for the Development of Eating Disorders: A Qualitative Study.	Dr Charlotte Connor, Birmingham & Solihull Mental Health NHS Foundation Trusts	Secondary schools in Birmingham
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, University of Birmingham	
Prospective study of young people at risk of developing eating disorders: The 'SchoolSpace' project.	Dr Charlotte Connor, Birmingham & Solihull Mental Health NHS Foundation Trusts	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 Max Birchwood, Prof Swaran Singh, University of Warwick; Prof Doug Simkiss, Birmingham Community Healthcare NHS Trust	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, University of Warwick	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, University of Birmingham	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, University of Warwick	Primary care settings in Birmingham
THE MILESTONE PROJECT: Managing the link and strengthening transition from child to adult mental health care.	Prof Swaran Singh, University of Warwick	Multisite
Linear and non-linear brain changes over the transition to psychosis.	Prof Stephen Wood, University of Birmingham	

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, Prof Tom Marshall, University of Birmingham	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 of Birmingham	University Hospitals Birmingham NHS Foundation Trust; Primary Care Settings in Birmingham
Changing case Order to Optimise patterns of Performance in mammography Screening (CO-OPS): study protocol for a randomized controlled trial.	Dr Sian Taylor-Philips, University of Warwick	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, University of Warwick	
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, University of Warwick	
Estimation of undiagnosed and untreated atrial fibrillation in UK primary care	Prof Tom Marshall, University of Birmingham	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, University of Warwick	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, University of Warwick	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, University of Warwick	
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, University of Birmingham	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, University of Warwick	Coventry City Council

Study Title	Study Lead	Health & Social Care Partner Organisations
Systematic Review: Parent only interventions for childhood overweight or obesity (Cochrane Review)	Dr Rebecca Johnson, University of Warwick	(Systematic reviews)
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, University of Warwick	Systematic reviews)
The experiences of the smoking carers of children in a Paediatric Intensive Care Unit: A qualitative study protocol	Prof Kate Jolly, University of Birmingham	Birmingham Children's Hospital NHS Foundation Trust
Warwick (Cochrane) Preventive Heart Group	Dr Karen Rees, University of Warwick	(Systematic reviews)
Vitamin C supplementation for the primary prevention of cardiovascular disease.	Dr Karen Rees, University of Warwick	(Systematic reviews)
Omega 6 fatty acids for the primary prevention of cardiovascular disease.	Dr Karen Rees, University of Warwick	(Systematic reviews)
Yoga for the primary prevention of cardiovascular disease	Dr Karen Rees, University of Warwick	(Systematic reviews)
Fixed-dose combination therapy for the prevention of cardiovascular disease	Dr Karen Rees, University of Warwick	(Systematic reviews)
Tai chi for primary prevention of cardiovascular disease	Dr Karen Rees, University of Warwick	(Systematic reviews)
Vitamin K for the primary prevention of cardiovascular disease	Dr Karen Rees, University of Warwick	(Systematic reviews)
Evaluation of case-finding for untreated AF in primary care	Prof Tom Marshall, University of Birmingham	Iridium Practice, Birmingham
Startwell a service evaluation of nutritional and physical activity training for early years staff	Prof Kate Jolly University of Birmingham	Birmingham City Council and Birmingham Community Health Care NHS Trust
Various public health projects	Jenny Sheppard & Mark Sheldon, Worcestershire County Council	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.		University Hospitals Coventry and Warwick
Tyrosinemia Type 1		UK National Screening Committee
Ataluren for treating Duchenne muscular dystrophy with a nonsense mutation in the dystrophin gene		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		NICE
Autologous chondrocyte implantation in the knee		NICE
LDK378 for previously treated anaplastic-lymphoma-kinase-positive non-small-cell lung cancer		
Rehabilitation EnAblement in CHronic Heart Failure (REACH-HF) intervention	Rod Taylor (PenCLAHRC)	PenCLAHRC, CLAHRC West Midlands and CLAHRC East Midlands

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, University of Birmingham	
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, Dr Gill Combes, University of Birmingham; Dr Roger Stedman, Mr Martin Chadderton, Sandwell and West Birmingham NHS Trust	Sandwell and West Birmingham NHS Trust
Evaluation of Birmingham's IMPACT teams (community based GP, social worker and community nursing teams).	Dr Sarah Damery, University of Birmingham	
Evaluation of new trauma pathway for frail older people.	Dr Sarah Flannagen, University of Birmingham	Heart of England NHS Foundation Trust
Evaluation of integrated hip fracture pathway	Dr Sarah Damery, University of Birmingham (and PhD Studentship)	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
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, Keele University	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, Keele University	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, Keele University	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 David Raven, HEFT	Heart of England NHS Foundation Trust (HEFT)

4. Chronic diseases (continued)

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 University of Birmingham	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 & Dr Gil Combes, University of Birmingham	Staffordshire County Council & Staffordshire CCG
Healthcare support to care homes	Dr Sarah Damery, University of Birmingham Dr Sarah Rutter, NHS Birmingham CrossCity CCG	NHS Birmingham CrossCity CCG
Supported Integrated Discharge	Dr Sarah Damery, University of Birmingham & Mary Ross, Heart of England NHS Foundation Trust	Heart of England NHS Foundation Trust
Evaluation of MyHealth patient platform for transplant patients	Dr Sarah Damery University of Birmingham & Mr James Ferguson University Hospitals Birmingham NHS Foundation Trust	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	Professor Gao Fang, Heart of England NHS Foundation Trust & Dr Sarah Damery, University of Birmingham	Heart of England NHS Foundation Trust
The Impact of Giant Cell Arteritis (GCA) Study		
The Joint Symptoms Questionnaire Study		
Polymyalgia Rheumatica (PMR): a qualitative interview study of general practitioners		
Survey of Physiotherapist Intervention with PMR patients (SPIN PMR)		
Colchicine Or Naproxen Treatment for ACute gout (CONTACT)		
Stratified Care for Patients with Sciatica and Suspected Sciatica in Primary Care: A randomised trial (the SCOPiC trial - Sciatica Outcomes in Primary Care)		
Improving the Care of People with Long Term Conditions (ENHANCE)		
Smart Rehabilitation at Home before and after	Mr Babu Naidu	Heart of England NHS Foundation
Evaluation of the Older Person's Assessment and Liaison service (OPAL)	Dr Sarah Damery	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 Francis-chetto	

4. Chronic diseases (continued)

Study Title	Study Lead	Health & Social Care Partner Organisations
Evaluation of the Heartlands Pre-dialysis Peer Education Project	Gill Combes, Francesca Taylor, 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)	Gill Combes, Robin Miller	Coventry Clinical Commissioning Group
Emotional and psychological support for patients with ESRD pilot study		University of Birmingham
HECTOR 2 - Follow-up		University of Birmingham
Modelling the effects of treatment frequency for home haemodialysis patients	Prof Gill Combes	University Hospitals Birmingham NHS Trust; Manchester Royal Infirmary

5. Implementation and organisational studies

Alongside our four service themes we have two cross-cutting, supporting themes. **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 before being rolled-out to health care providers.**



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	Dr Brian Litchfield-Cant	Birmingham Children's Hospital NHS Foundation Trust
Evidence into practice: applying absorptive capacity to the case of STARTBACK.	Karl Prince	Stoke-on-Trent Clinical Commissioning Group; North Staffordshire Clinical Commissioning Group
BSOTS - Feasibility study for implementation in other maternity trusts of a maternity triage system developed during the CLAHRC pilot	Karl Prince,	Heart of England NHS Foundation Trust; University Hospital of North Staffordshire NHS Trust

5. Implementation and organisational studies (continued)

Study Title	Study Lead	Health & Social Care Partner Organisations
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 Brian Litchfield-Cant	Heart of England NHS Foundation Trust
Integrating primary and secondary care mental health services: a new role for nurse practitioners in Birmingham and Solihull Mental Health Trust	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
IMPACT - integration project	Dr Brian Litchfield-Cant	
Implementation of the NHS Health Check Programme in Coventry and Warwickshire	Dr Giovanni Radaelli	Coventry County Council, Warwickshire County Council
Developing a whole-system Management Network for Medically Unexplained Symptoms in Birmingham and Solihull Mental Health Foundation Trust and Sandwell and West	Dr Giovanni Radaelli	
The translation of evidence and absorptive capacity in a network of healthcare organisations: the development and implementation of a new mental health service in the greater Birmingham area	Prof Graeme Currie	Providers of Community Mental Health Services in Birmingham
Using control charts to learn about and improve emergency medicine performance measures	Dr Kelly Ann Schmidtke	West Midlands Academic Health & Science Network (AHSN-West Midlands)
A New Vision for Patient Safety Learning: Conceptualizing Unlearning in Routines and Practices	Mr John Richmond, Warwick Business School	Heart of England NHS Foundation Trust
Affect, Materiality and the Clinical Handover: Studies 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), University of Warwick
Triage project on infection control	Dr Brian Litchfield-Cant	University Hospital Coventry & Warwickshire
Increasing Organizational Learning in an NHS Hospital		

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, Warwick Business School
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, Warwick Business School
Evaluation of impact of PPI Advisor role in implementation of research evidence in practice	Dr Sophie Staniszewska, Warwick Business School
Conceptual mapping of Patient and Public Involvement (PPI) in implementation research	Dr Lee Gunn, Warwick Business School

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, University of Warwick	(Systematic review)
Evaluation of the GP recruitment process in the UK	Dr Celia Taylor, University of Warwick	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 Warwick	University of Essex and University of Birmingham
Publication bias in health services and delivery research	Prof. Richard Lilford, University of Warwick	
Systematic overview of early childhood cognitive Interventions for promoting child development	Prof Richard Lilford, University of Warwick	(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 of Warwick	University Hospitals Birmingham NHS Foundation Trust
Horizon of science: the effect of biases with low base rates and small effect sizes	Prof Richard Lilford, University of Warwick	
Improving the health literacy of Lay Community Health Workers in Southern Africa	Prof Richard Lilford, University of Warwick	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, University of Warwick	RAND Europe
Public Health Projects - Housing and Health Data Linkage	Mr Gavin Rudge University of Birmingham	Worcestershire County Council, Sandwell Metropolitan Borough Council
Interventions at one remove	Prof Richard Lilford, University of Warwick	Coventry City Council
Are increases in mortality observed among weekend admissions attributable to service quality or casemix (HISLAC)	Dr Sam Watson, University of Warwick	
Comparison of passing standards for written finals examinations in UK Medical Schools	Dr Celia Taylor, University of Warwick	MSCAA
Modelling the evidence for stockpiling neuraminidase inhibitors for pandemic usage	Dr Sam Watson, University of Warwick	University of Nottingham
Integrating Multiple Sources of Evidence	Dr Sam Watson, University of Warwick	
User fees for access to healthcare in Neno, Malawi	Dr Sam Watson, University of Warwick	
Walking Away from Gestational Diabetes and its consequences: a joint project of CLAHRC East Midlands and CLAHRC West Midlands	Prof Kamlesh Khunti, University of Leicester	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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