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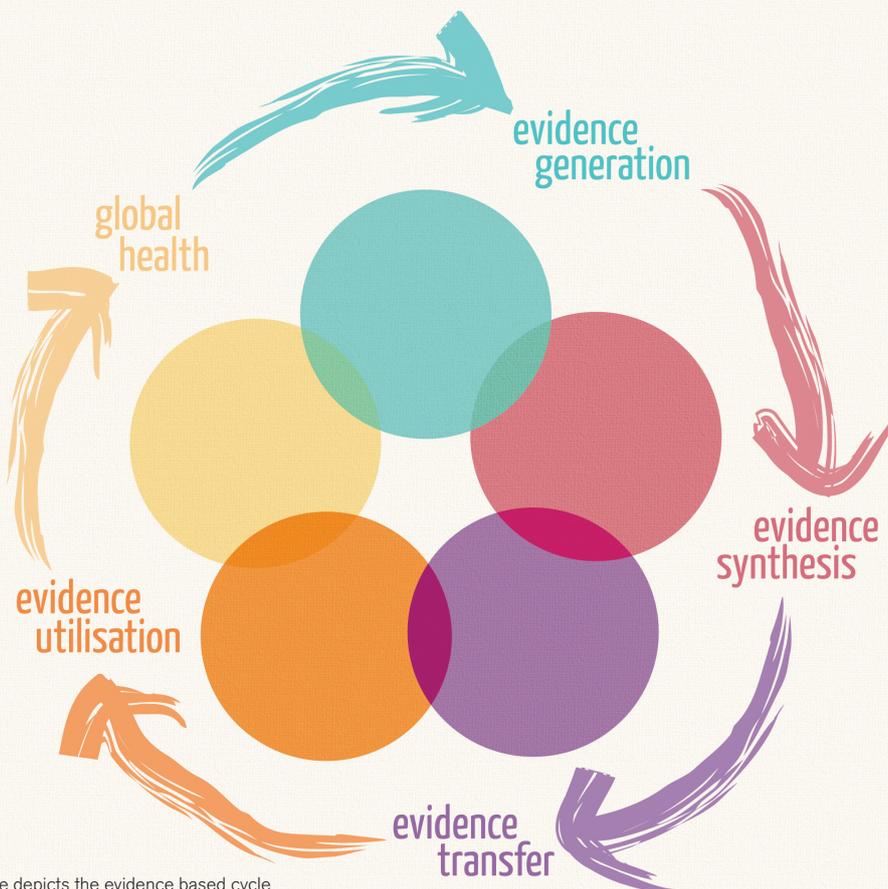
## The University of Nottingham Centre for Evidence Based Healthcare Annual Report 2014/15

[www.nottingham.ac.uk/research/groups/cebhc](http://www.nottingham.ac.uk/research/groups/cebhc)



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The artwork above depicts the evidence based cycle and the type of work that we undertake in our centre.  
Designed by Fiona Bath-Hextall

# Welcome

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**Welcome to our third annual report for the CEBHC. This has been an amazingly exciting year with so much happening. Please read all about our activities further on in the report.**

The centre is getting techie! We launched our Facebook page in July, and to top that we now have an official tweet @UoNCEBHC - make sure you follow us. Read more about this later on.

We continue to offer questions from 'question drop' to MNurSci students and we are now extending this to BSc students. Next year the centre will launch summer internships, a wonderful opportunity to gain experience in undertaking systematic reviews, so again watch this space.

Last year's JBI Colloquia was held in Singapore. This year is going to be a little different with the Committee of Directors meeting in Adelaide, home of JBI. This is a really important meeting as JBI are launching in December their new JBI software for conducting

systematic reviews. This three-day meeting will be followed by a two day International Methodology Symposium that will specifically focus on presenting and discussing the unique approaches developed by JBI and its collaboration to evidence synthesis and implementation. A broad spectrum of methodologies will be addressed such as scoping reviews, diagnostic accuracy reviews, umbrella reviews and much more.

I would like to take this opportunity to extend a warm welcome to our new members of the management committee. Find out more about who they are and what they do on page X. I would also like to thank Nina Caterall and Andrea Hawley, who have been undertaking all the administrative work for the centre whilst Becky has been on maternity leave. Becky who gave birth to her second son in the last March will be back with us next year.

**Professor Fiona Bath-Hextall**  
*Director, Centre for Evidence Based Healthcare*

# Activities over the past year

This has been a busy, exciting and highly successful year for the Centre for Evidence Based Healthcare. Our activity has, as always, involved a mixture of knowledge exchange, research engagement, networking and staff capacity development.

This year we took the decision to run the JBI-accredited Comprehensive Systematic Review short courses twice, with courses in September as well as July. We were gratified to find both courses sold out. The September courses are split over two weeks and enable participants to focus in on one particular review approach (qualitative or quantitative) or to do both. The high level of interest in our courses reflects the high quality of the teaching delivered and also the growing interest in evidence synthesis nationally and internationally.

We have also continued our strong partnership with the Nottingham University Hospitals Trust and have again delivered the 'Evidence into Nursing' Course. We are proud that participants on this course consistently report feeling far more confident to identify relevant evidence and empowered to propose service improvements. The high level backing from the hospital's senior nursing team means that course participants are able to take their ideas forward and several significant changes to nursing practice have been made.

In terms of research networking, Fiona and Catrin were fortunate to attend the annual JBI Colloquium in Singapore in November. It was a reminder of JBI's large and growing impact in the evidence based healthcare arena and an opportunity to meet friends from all over the world.

One particular key network for the CEBHC is the JBI European Group. This group provides a natural (and friendly) platform for the development of bids to EU funding sources, and the CEBHC has been involved in an evidence synthesis bid and a twinning (capacity development) bid this year. We await the outcome with baited breath!

Another key achievement for our European networking took place in May when the CEBHC hosted a meeting of the European regional group and decided to combine this with holding a Symposium in Evidence Based Healthcare. This event was attended by over 140 people, attracted some very high level speakers and received glowing evaluations.

**Dr Catrin Evans**

Associate Professor, School of Health Sciences  
The University of Nottingham



Directors of the European Centres at European JBI Symposium 2015

# Joanna Briggs Institute news

As you probably all know the CEBHC is a collaborating centre of the Joanna Briggs Institute and I want to tell you about some of the exciting things that have been happening over the last year and some that will be happening over the next year in JBI! Next year JBI is approaching a major milestone, its 20th year of operation. The JBI colloquia in 2016 will be celebrating this major milestone so this is an event not to be missed. Keep an eye on the JBI website for more information.

Several new chapters for the JBI Reviewers Manual have been published (scoping reviews; economic evaluation evidence; umbrella reviews; prevalence and incidence data and summary of findings). You can find the individual chapters on the JBI website.



Fiona Bath Hextall (Director of CEBHC), Catrin Evans (Deputy Director of CEBHC) and Zoe Jordan (Director of JBI)

Measuring and reporting impact is becoming increasingly important to evidence based health care. It is integral to monitoring the influence and effect of research evidence on decision-making at the point of care and its ability to improve outcomes for all. In 2014 JBI undertook their first impact evaluation and you can read out it on their webpage.

Congratulations to Lisa Hopp, Director of the Indiana Centre for Evidence Based Nursing Practice, who replaces Margaret Harrison as the new JBC representative on the JBI advisory board.

**Professor Fiona Bath-Hextall**  
School of Health Sciences  
The University of Nottingham



# Joanna Briggs Institute management committee



Centre Director  
**Professor Fiona Bath-Hextall**  
*School of Health Sciences  
The University of Nottingham*

Fiona is Professor of Evidence Based Health Care in the School of Health Sciences, and Honorary Professor in the Centre of Evidence Based Dermatology, School of Medicine.

Fiona has been involved in systematic reviewing since 1995 and has authored more than 29 systematic reviews. For the last 15 years her main research area has been non melanoma skin cancer. Her systematic reviews have informed guidelines and policy, and have identified and informed the design of primary research, including randomised controlled trials, case control, cohort studies and mixed methods studies. Fiona teaches evidence based practice and systematic reviewing to undergraduate, postgraduate, post-registration students and clinicians. She also runs JBI systematic reviewing accredited courses. She is a member of the JBI editorial board, represents the JBI European Group on the JBI Scientific Committee and is a member of the JBI Mixed Methods Group.



Centre Deputy Director  
**Dr Catrin Evans**  
*Associate Professor, School of  
Health Sciences, The University of  
Nottingham*

Catrin qualified as a nurse in 1990. After working clinically in the field of HIV and infectious diseases, she obtained her PhD from the London School of Hygiene and Tropical Medicine in 2000. Catrin's research programme focuses on developing and evaluating community based initiatives for HIV prevention. She has a particular interest in implementation science, and has worked on several projects to explore and understand contextual factors that influence the development and potential transferability of intervention models. Much of Catrin's work has been undertaken overseas, particularly in South Asia and East Africa. Catrin has worked in the School of Health Sciences at the University of Nottingham since 2003 and feels strongly that education is a key route to personal empowerment and innovation in practice. She teaches courses related to evidence based practice and also supervises many MSc and PhD research projects. Dr Evans' research and educational practice is underpinned by a philosophy of working in partnership with all stakeholders, recognising that an enabling environment is critical for the implementation of new evidence, knowledge or skills.

**Dr Joanne Cooper**

*Head of Nursing and Midwifery Research, Nottingham University Hospitals NHS Trust*

Jo holds a corporate nursing role at Nottingham University Hospitals NHS Trust and leads development of capacity in nursing and midwifery research. She also leads on the evidence-based practice strategy for nursing within NUH. Her research interests are long-term conditions and self-management and decision-making, specifically linked to gastro-intestinal and liver disorders. She undertook the JBI Systematic Review Course in 2011 and is involved with two JBI systematic reviews.

**Jeanette Eldridge**

*Libraries Research & Learning Resources, Greenfield Medical Library, The University of Nottingham*

Jeanette has worked in library services and information science roles for nearly 30 years, joining the UoN Libraries & RLR department as senior librarian aligned to Medicine and Health Sciences in September 2014. With colleagues in the Research Support Team in Libraries & RLR, she is building on the expertise developed by past incumbents in supporting researchers who are engaged in systematic reviews.

**Elizabeth Hendron**

*NUH Librarian, Nottingham University Hospitals NHS Trust*

Elizabeth has worked at the Trust for 13 years providing literature searching support and training for healthcare professionals undertaking research and continuing professional development. She is the Athens Administrator for the Trust and E-Resources Librarian, with responsibility for promoting evidence based practice. She has recently been involved in the teaching programme for the Evidence in nursing course run by the Trust. She will be doing the JBI Systematic Review training of Quantitative Evidence course at the University of Nottingham in September 2015. Elizabeth originally trained as a Registered General Nurse in Northern Ireland before training as a professional librarian, gaining a BA Hons in Information and Library Studies at Loughborough University, England.

**Dr Julie McGarry**

*Associate Professor, The University of Nottingham*

Julie leads funded research in the field of domestic violence and abuse. Julie's expertise overall synthesises her research interests with evidence based practice development and includes nurse education programme lead and course directorship, enquiry-based learning and international virtual learning resource development. She also has expertise in the development of e-learning resources and UK/international collaborative Reusable Learning Objects (RLO's) in safeguarding and domestic violence and family abuse and health inequalities. Julie is a Joanna Briggs Institute accredited trainer.

**Professor Heather Wharrad**

*E-Learning and Health Informatics, Faculty of Medicine & Health Sciences, The University of Nottingham*

Professor Heather Wharrad is Chair in e-Learning and Health Informatics at University of Nottingham. She is academic lead for the HELM - Health E-learning and Media group and the research group in Education and Technology for Health in the School of Nursing, Midwifery and Physiotherapy and has been principal investigator on many externally funded national and international projects on e-learning pedagogy, evaluation and research in health.

She wrote the successful bid for the University of Nottingham partner of the HEFCE £3.3 million funded Centre for Excellence in Teaching & Learning (CETL) for Reusable Learning Objects. She is a Fellow of the Higher Education Academy and PhD supervisor. She has published widely in the fields of nursing research, health informatics and e-learning and is a regular presenter and workshop facilitator at national and international e-learning conferences. She is co-editor of the Higher Education Academy journal Health and Social Care Education (HSCE).

# Publications (2014 - )

## Published systematic reviews by Centre members

Dariel OP, Regnaud J-P. Do Magnet®-accredited hospitals show improvements in nurse and patient outcomes compared to non-Magnet hospitals: a systematic review. *The JBI Database of Systematic Reviews and Implementation Reports*. 2015;13(6):168-219.

Evans C, Nalubega S, McLuskey J, Darlington N, Croston M, Bath-Hextall F. The views and experiences of nurses and midwives in the provision and management of routine provider initiated HIV testing: a systematic review of qualitative evidence. *JBI Database of Systematic Reviews and Implementation Reports*. 2015; In press.

Håkonsen SJ, Pedersen PU, Bath-Hextall F, Kirkpatrick P. Diagnostic test accuracy of nutritional tools used to identify undernutrition in patients with colorectal cancer: a systematic review. *The JBI Database of Systematic Reviews and Implementation Reports*. 2015;13(4):141-87.

Manning JC, Hemingway P, Redsell SA. Long-term psychosocial impact reported by childhood critical illness survivors: a

systematic review. *Nursing in Critical Care*. 2014;19(3):145-56.

Nalubega S, Evans C. The views and experiences of HIV research participants in sub-Saharan Africa: a worked example of a qualitative systematic review. *HIV Nursing*. 2014;14(3):15-20.

Nalubega S, Evans C. Qualitative systematic reviews and their role in evidence based HIV nursing. *HIV Nursing*. 2014;14(3):11-5.

Nalubega S, Evans C. Participant views and experiences of participating in HIV research in sub-Saharan Africa: a qualitative systematic review. *The JBI Database of Systematic Reviews and Implementation Reports*. 2015;13(5):330-420.

Raaff C, Glazebrook C, Wharrad H. A systematic review of interactive multimedia interventions to promote children's communication with health professionals: implications for communicating with overweight children. *BMC Medical Informatics and Decision Making*. 2014;14(1):8.

## Registered systematic review protocols

Banerjee A, Hendrick P, Blake H, Bhattacharjee P. A systematic review on outcome measures utilised to measure the effectiveness of self-management in clinical trials in non-cancer chronic pain. PROSPERO [Internet]. 2015; CRD42015017927. Available from: [http://www.crd.york.ac.uk/PROSPERO/display\\_record.asp?ID=CRD42015017927](http://www.crd.york.ac.uk/PROSPERO/display_record.asp?ID=CRD42015017927).

Banerjee A, Sivayogam A, Lokaiah L, Bhattacharjee P. Effectiveness of the neuromuscular training after anterior cruciate ligament reconstruction: a systematic review with meta-analysis. PROSPERO [Internet]. 2015; CRD42015019408. Available from: [http://www.crd.york.ac.uk/PROSPERO/display\\_record.asp?ID=CRD42015019408](http://www.crd.york.ac.uk/PROSPERO/display_record.asp?ID=CRD42015019408).

Bastounis AG, Michail M, Callaghan P. The preventive effectiveness of the Penn Resiliency Program (PRP) and its adapted versions: protocol for a systematic review and meta-analysis. PROSPERO [Internet]. 2015; CRD42015019811. Available from: [http://www.crd.york.ac.uk/PROSPERO/display\\_record.asp?ID=CRD42015019811](http://www.crd.york.ac.uk/PROSPERO/display_record.asp?ID=CRD42015019811).

Cooper J, Bath-Hextall F, Cox K, Parsons S, Crosby V. Interventions for health care professionals, organizations and patients to enhance quality of life for people diagnosed with non-curative palliative esophago-gastric cancer: a systematic review protocol of the quantitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports*. 2014;12(5):66-79.

Cooper J, Bath-Hextall F, Cox K, Parsons S, Crosby V. Patient, nursing and medical staff experiences and perceptions of the care of people diagnosed with non-curative palliative esophago-gastric cancer: a systematic review protocol of the qualitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports*. 2014;12(5):54-65.

Evans C, Nalubega S, McLuskey J, Darlington N, Croston M, Bath-Hextall F. The views and experiences of nurses and midwives in the provision and management of routine (provider initiated) HIV testing: protocol for a systematic review of qualitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports*. 2014;12(2):103-13.

Gilmartin J, Bath-Hextall F, Maclean J, Stanton W, Soldin M. Quality of life among adults following body contouring surgery after bariatric surgery: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports*. 2014;12(7):35-46.

Jeffs E, Bick D. The effectiveness of decongestive treatments provided within 12 months of developing a swollen arm for women with breast cancer-related lymphedema: a systematic review protocol of quantitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports*. 2014;12(1):105-16.

Klugarova J, Hood V, Bath-Hextall F, Klugar M, Mareckova J, Kelnarova Z. The effectiveness of surgery for adults with hallux valgus deformity: a systematic review protocol. The JBI Database of Systematic Reviews and Implementation Reports. 2014;12(7):3-11.

Peruhype RC, Bath-Hextall F, Galvão CM, Darlington N, Palha PF. The effectiveness of educational interventions for health professionals in Direct Observed Therapy and the Directly Observed Therapy Short-Course strategy: a systematic

review protocol. The JBI Database of Systematic Reviews and Implementation Reports. 2014;12(4):17-26.

Protti S, Evans C, Nalubega S. The experience of patients living with HIV/TB co-infection: Protocol for a systematic review of qualitative evidence. The JBI Database of Systematic Reviews and Implementation Reports. 2015; In press.

### Registered systematic review titles

Booth V. Interventions incorporating physical and cognitive elements to reduce fall risk in cognitively impaired older adults: a systematic review of quantitative evidence. 2015.

Emandian AH. The effects of dietary interventions in improving glycaemic control in overweight and obese patients with type 2 diabetes, independent of the effects of weight loss: a systematic review of quantitative evidence. 2015.

McGarry J, Hinsliff-Smith K, Watts K and Evans C. What is understood by the term obstetric violence within the context of childbirth from the perspective of women: a systematic review of qualitative evidence. 2015.

Newton V. Women's experiences of termination for foetal abnormality in a UK hospital setting: a systematic review of qualitative evidence. 2014.

Peruhype RC and Bath-Hextall F. What are the experiences of health professionals in changing practice for TB control? 2015.

Protti ST. The experience of people living with TB/HIV co-infection: a systematic review of qualitative evidence. 2014.

Ratib S, Bath-Hextall F and Leonardi-Bee J. What is the risk of skin cancer in patients on long-term use of topical corticosteroids? 2015.

Suleman J, Evans C and Manning J. Parents' and carers' experiences of transitions and aftercare following their child's discharge from Paediatric Intensive Care Unit: a systematic review of qualitative evidence. 2015.

# Reports



## The 9th Biennial JBI Colloquium: scaling new heights: challenging the status quo

Fiona and Catrin attended the JBI Colloquium in Singapore in November. It was a relief to escape England's wet autumnal weather and we arrived armed with our summer gear. However, we discovered that the Singaporeans like to be cool in more than one sense, and we spent much of the Colloquium shivering from the excessive air conditioning in the hotel! Other than that however, the Colloquium was a great experience. One undoubted high point was hearing Professor Alison Kitson's keynote speech on 'reclaiming and redefining the fundamentals of care (FoC)'. Alison presented a framework based on the outcome of a series of meetings by the 'International Learning Collaborative' – a core group of international nurse leaders. The framework was based on accumulated wisdom as well as sound evidence, representing a bold attempt to promote the patient centred care agenda. More highlights were the traditional debates and some inspiring talks on using evidence to tackle the biggest challenges in global health.

The Colloquium was followed by a JBI meeting of Directors in which productive and challenging discussions were held.

## Comprehensive systematic review training programme

Each year, the Centre runs two JBI-accredited Comprehensive Systematic Review Short Courses. This year, as in previous years, the courses were fully subscribed with over 20 participants each time. The courses attract a mix of participants from the University of Nottingham, other UK universities as well as individuals from further afield. For example, we have had the pleasure of welcoming participants from Nigeria, Portugal, Brazil and the Czech Republic. It is always interesting to hear more about participants' backgrounds and reasons for undertaking the course. Again, this is usually highly varied. Some participants are PhD students, some are academic staff wanting to develop their skills and others are researchers needing to conduct a review on a project. Each year, our participants have included professors – research leaders

This is no mean feat considering that JBI now represents over 80 Centres in all regions of the world. There were also opportunities to debate and develop innovations in JBI's systematic review methodologies through lunchtime participatory workshops on key topics.

In addition to academic networking, there was also much social networking and we were able to discover the delights of Singapore's multi-cultural society by sampling a different cuisine every night. We did, of course, also enjoy a Singapore Sling at Raffles! The biggest challenge for Catrin was the Chinese conference banquet in which (owing to her vegan diet) she was presented with 7 consecutive courses of mushrooms! We were hugely impressed with Singapore's achievements in healthcare (and healthcare education) over a short period of time establishing themselves as world leaders in many areas. We left the colloquium with new friends and a sense of privilege for being part of a global community so committed to promoting health for all.

### Dr Catrin Evans

*Associate Professor, School of Health Sciences  
The University of Nottingham*

in their field - who have been humble enough to admit that they could benefit from formal training in systematic review methodology.

This year we decided to split the September course in order to provide more choice to participants who may wish to focus on just one particular review methodology (quantitative or qualitative). We felt this was a successful strategy and appealed to participants who already had clear ideas for a review. Next year, our approach may change again as JBI is releasing a suite of new specialist modules (e.g. on scoping reviews, mixed methods reviews). Watch this space!

### Dr Catrin Evans

*Associate Professor, School of Health Sciences  
The University of Nottingham*



## Nottingham University Hospitals NHS Trust's evidence based nursing and midwifery course

Nottingham University Hospitals NHS Trust's Evidence in Nursing and Midwifery course ran for the third consecutive year over May and June 2015. This course was delivered in collaboration with The Centre for Evidence-based Healthcare, School of Health Sciences, The University of Nottingham. Funding for the course came from East Midlands LETB. This year, for the first time the course welcomed staff from Sherwood Forest Hospitals NHS Foundation Trust and the Operating Department Practitioners. The course has been developed with a clinical focus and consists of a programme of face-to-face training and support over 3.5 days where staff, interested in innovation and research, learn about/ refresh their understanding of evidence based health care and some of the key skills. Participants then go on to develop a small change project.



The first day of the course involves revisiting the first steps in evidence-based nursing and midwifery, including framing the question, developing search strategies to search for the evidence and critical appraisal of the evidence.

Short, workshop style sessions are used to support staff in developing a small project pertinent to their practice. The support continues throughout the development and implementation of the small scale projects within their clinical area.

This year attendees on the course accessed the Joanna Briggs Institute European Symposium, hosted by the CEBHC, School of Health Sciences, University of Nottingham as part of their course. The attendees evaluated the symposium highly and added that the day enabled them to broaden their understanding of systematic reviews and gave them a better understanding of how to get research into practice.

The attendees of this year's course continue to work on their small scale projects and are in the process of developing a poster to showcase what they achieve. In September, attendees will have the opportunity to showcase their projects and posters to the Chief Nurse and senior nurses within the organisation. Evaluations of the course highlight that the attendees exit the course feeling more confident about searching for evidence, critical appraisal of evidence, and specifically they identify the clinical focus of the course a real strength which relates directly to improving care experience and outcomes for patients and carers.

### Ellie Dring

*Practice Development Matron, Nursing Development, City Hospital, Nottingham University Hospitals*

### Dr Joanne Cooper

*Head of Nursing & Midwifery Research and Senior Research Fellow, Nottingham University Hospitals*

## Train the Trainers, Nottingham

This took place four days prior to the JBI Committee of directors' European meeting. This was a really well attended training course with three members of the CEBHC, one member from the Switzerland centre and one member from the Scottish centre. Zoe Jordan and Craig Lockwood ran the training and stayed on to attend the JBI European meeting and symposium. We are delighted to announce that our three members (Dr. Kim Watts, Dr. Julie McGarry and Dr Kathryn Hinsliff-Smith, seen with Professor Fiona Hextall-Bath in the picture below) of the CEBHC successfully completed their JBI Train the Trainers award.

### Dr Kathryn Hinsliff-Smith

*Research Fellow, School of Health Sciences  
The University of Nottingham*



Train the Trainer, Nottingham 2015



The Trent Building

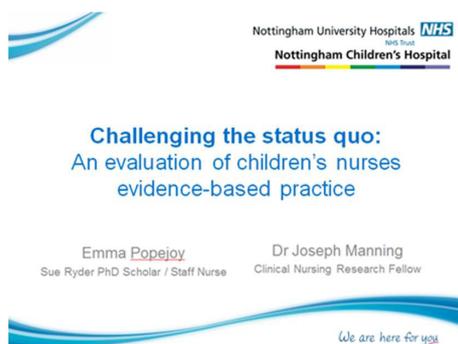
Participants on the JBI Systematic Review  
Training Programme July 2014

## Nottingham Children's Hospital EBP questionnaire: a summary

In 2014 a local evaluation study was undertaken at Nottingham Children's Hospital (NCH) to inform and direct activities and development of a clinical nursing research unit. It aimed to identify the practices of, attitudes to and skills of registered and student nurses caring for children, young people and neonates in relation to research and evidence based practice (EBP). The validated Evidence-Based Practice Questionnaire (Upton and Upton, 2006) was utilised for data collection and administered via a secure online survey website between February and April 2014. Email invitations were sent to the population (approximately 350 registered and 200 student nurses) and 112 responses obtained; a response rate of approximately 25% for registered nurses and 11% for students. Respondents predominately had a positive attitude to EBP, but did not always implement EBP in their practice. Some EBP skills were highlighted as in need of improvement, for example, developing clinical questions, critically appraising evidence and assessing the validity of evidence.

Interventions such as rapid seminar series at lunch times will be trialled on the wards with the aim to improve the identified skill deficits. Additionally online resources may be developed for staff as a reminder of the content of the seminars and as a place for research and EBP discussions.

Findings from this study were presented at the 2015 JBI European Symposium and are currently being written up for publication:



Popejoy, E. and Manning J.C. (2015) Challenging the status quo: An evaluation of children's nurses evidence based practice. In: JBI European Symposium: Innovations in Evidence Synthesis and Implementation, Nottingham, UK. (abstract).

**Emma Popejoy**  
PhD student and staff nurse

**Dr Joseph Manning**  
Clinical Nursing Research Fellow and  
Research Fellow in Child Health

## Evidence Live 2015

We are very proud to report that Dr Nicola Wright from the School of Health Sciences and Dr Emma Rowley from the Business School, The University of Nottingham presented under the theme 'Transforming Practice with Evidence' at Evidence Live 15, University of Oxford 13th-14th April 2015.

The Evidence Live conference brings together leading speakers in evidence-based medicine from all over the world, from the fields of research, clinical practice and commissioning. Evidence Live is the place for learning about the latest advances in evidence-based healthcare.

### Contextually relevant evidence to inform practice: a study of knowledge sharing at the inpatient-community care transition point in mental health

#### Methods

A total of 53 stakeholders (service users, inpatient nurses, health care assistants, consultant psychiatrists, community mental health practitioners and junior doctors) involved in the admission and discharge process in an inpatient mental health ward, participated in focus groups to explore the processes associated with admission and discharge from a mental health inpatient ward to the community.

#### Results

Care transitions into and out of hospital were typically chaotic, stressful and emotionally charged. Two forms of knowledge sharing was evident – what was written down and also the verbal handover. Both processes were passive on the part of the recipient. This meant that there were often gaps in the information required or conversely information was duplicated as it was not in the required format for the receiver.

#### Conclusions

Knowledge sharing between individuals and organisations is vital for the provision of high quality care. By conducting contextually relevant research it is possible to highlight the areas where intervention is needed and to co-produce what this should be with local stakeholders quickly. Therefore, potentially improving the care experience for service users through the quicker implementation of evidence based practice.

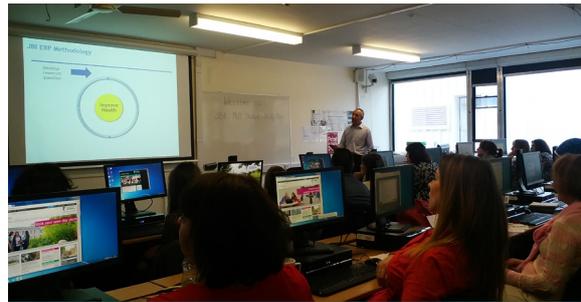
**Dr Nicola Wright**  
School of Health Sciences, The University of Nottingham

**Dr Emma Rowley**  
Nottingham University Business School

### Networking opportunity for PhD students as part of the JBI European Symposium 2015

The Centre for Evidence Based Healthcare successfully conducted a dedicated one-day course for attending doctoral students from various UK and European universities on the 13th May 2015. This course was organised as a pre-conference event with the European JBI Symposium 2015. The course was attended by over 50 early and mid-stage doctoral students. One of the main highlights was the initial introductory '2 minute' thesis presentations from the delegates, which showcased a wide variety of ongoing healthcare research using systematic reviews as an important methods in framing and answering research questions.

This early interactive part of the course set a wider context of networking and collaborating opportunity among the attendees. The majority of the attendees have found the course was purposefully designed with interesting and useful introductory information to JBI methods throughout the presentations. For early-stage researchers, it was an appropriate platform to learn JBI searching and appraising tools, which possibly will lead to confident application in their future research. Mid-stage doctoral students found it was an excellent scope for them to



JBI European networking in Nottingham

brush up and update their existing knowledge and skills and also to use the workshop for trouble shooting their particular queries. The course evaluated extremely well. Additional feedback also suggested that this workshop might be useful for Masters students. We are hoping to run this course again next year.

**Anirban Banerjee**  
*Doctoral candidate, The University of Nottingham*



# Spotlight on HIV

Over the last few years, the Centre has pursued a number of systematic review projects which relate to HIV prevention and care.

Core members, Dr. Catrin Evans and John McLuskey, both have close links to the UK's National HIV Nurse's Association (NHIVNA) and use their work with the Centre to inform HIV-related policy and practice.

Thirty years into the HIV pandemic, the Centre's HIV-related systematic reviews focus on how health systems and nursing professionals should respond to a very changed picture of HIV, with new treatments and preventive technologies co-existing with old issues such as stigma and discrimination. John's work explores how men respond to a new diagnosis of HIV and whether existing services cohere with contemporary understandings of the condition for people who are newly diagnosed.

Catrin's work explores how to scale up routine HIV testing in health facilities. Her review identified a need for more staff support and training and greater attention on how to 'fit' or sequence HIV testing into other routine activities. The Centre has several PhD students and post-doctoral research fellows undertaking HIV-related reviews. We are very proud that Sylvia Nalubega, a 2nd year PhD student from Uganda, has recently had a review published on participants' experiences of participating in HIV clinical trials. This review identified a need for ongoing information giving and support to research participants. It also identified a complete lack of research on post-trial experiences of the transition back into community care. Sylvia is now undertaking her PhD research to find out more on this topic.

Each year, several undergraduate nursing students undertake systematic reviews related to HIV and we strongly encourage them to present their work nationally at NHIVNA's annual conference. We are extremely proud that, each year, our students have won the 'rising star' or the 'research excellence' award.

Finally, we also enjoy hosting visiting academic scholars and worked closely last year with Dr. Simone Protti from the Federal University of Sao Carlos, Brazil. Simone's interest is on an intractable problem for global public health – the appropriate management and support of patients co-infected with HIV and tuberculosis (TB). Currently, TB is one of the leading causes of death amongst people living with HIV, and, due to a compromised immune system, HIV-positive individuals are almost 37 times more likely to develop TB as compared with

HIV-negative individuals. Aggressive treatment of HIV and TB is essential in co-infected patients, but little is known of how such individuals cope with a double burden of health system interactions, treatments, symptoms and a double burden of stigma. We hope that Simone's review will shed some light on this issue, providing recommendations for service development.

## Publications

EVANS, C, NALUBEGA, S, MCLUSKEY, J, DARLINGTON, N, CROSTON, M and BATH-HEXTALL, F, 2015. The views and experiences of nurses and midwives in the provision and management of routine (provider initiated) HIV testing: a systematic review of qualitative evidence, *Journal of Systematic Reviews and Implementation Reports*, (In Press)

NALUBEGA S, & EVANS C, 2015. Participant views and experiences of participating in HIV research in sub-Saharan Africa: a qualitative systematic review, *Journal of Systematic Reviews and Implementation Reports*, 13(5), 330-420

PROTTI S, EVANS C, & NALUBEGA S, 2015, The experience of patients living with HIV/TB co-infection: Protocol for a systematic review of qualitative evidence, *The Journal of Systematic Reviews and Implementation Reports*, (In Press)

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(Please see the list of publications on pages 7-8 for details)

## Dr Catrin Evans

*Associate Professor, School of Health Sciences  
The University of Nottingham*

# Dissemination through social media

Dissemination of the centre's aims will bridge the gaps between research and clinical practice, thus informing public health policy.

## Facebook



Social networks, such as Facebook, can significantly contribute to the dissemination of research outcomes by increasing awareness of evidence-based healthcare to wide audiences. Please join the CEBH official Facebook Page, launched in July 2015.

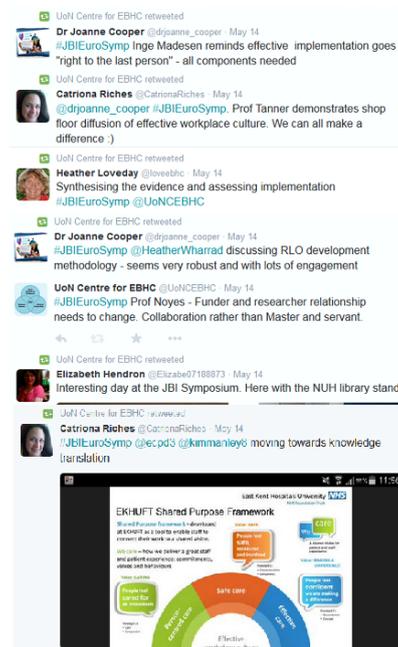
**Anastasios G. Bastounis**  
PhD candidate, The University of Nottingham

## Twitter



In November 2014 the Nottingham Centre for Evidence Based Healthcare Twitter page was created with the purpose of raising its electronic profile and reach. Since going live it has 82 followers from around the world composed of health professional, academics and students and had 110 tweets.

**Dr Joseph Manning**  
Clinical Nursing Research Fellow and Research Fellow in Child Health, The University of Nottingham



Highlights: JBI European symposium – May 2015



Highlights: JBI systematic review training – July 2015

# PhD students' view on Evidence Based Practice

Evidence based practice (EBP) is being perceived differently in different parts of the world, as revealed when a few current PhD students at School of Health Sciences, The University of Nottingham, UK were asked about their view on EBP. Doctoral students from the UK have much more practical understanding about the importance of EBP in day-to-day practice. They mainly face challenges such as appraising the contradictory evidence, negotiating and commissioning additional resources for new services in keeping with guideline updates.

The situation is different in developing countries, where policies are updated less frequently resulting in wider gap between evidence and practice. Further, there is less emphasis on EBP in university curriculum in developing countries, which makes EBP even more challenging. Another barrier for EBP in developing countries is extremely limited readership, as most

of the clinical workforce relies only on open access journal articles and other free-to-web resources. Most of the doctoral students rely on systematic reviews from The Cochrane Collaboration and JBI to get current, synthesised and relevant information related to their research questions and practice, wherever feasible. This aspect necessarily highlights the importance of not only producing clinically relevant impactful systematic reviews but also making the review findings available in different open access electronic platforms to widen the scope of EBP in far reach and underprivileged parts of the world.

**Anirban Banerjee**

*Doctoral candidate, The University of Nottingham*

# New Reusable Learning Objects (RLOs) in evidenced based healthcare

Our repository of RLOs on Evidence based Healthcare (EBHC) continues to grow with further development of six RLOs designed and co-written by colleagues in the UK and in Brazil during a workshop in Sao Paulo in 2014. The titles are 'Understanding family violence for healthcare professionals'; 'How to choose the best information for preventing diseases: understanding EBHC practice'; 'Why use evidence?'; 'Multi-stakeholder approaches to research dissemination'; 'Scientific language: A global challenge to EBP'; and 'Healthcare Knowledge Transfer: Beyond the Academic Audience'. The RLOs are being delivered in English and in Portuguese.

We now have over 40 RLOs covering a range of EBHC topics ([www.nottingham.ac.uk/helmopen](http://www.nottingham.ac.uk/helmopen)). Some new RLOs on

'Framing the Question' and study designs are currently being reviewed and will be released soon. Google Analytics data is showing that the EBHC RLOs are being accessed worldwide with high levels of use over the year.

**Professor Heather Wharrad**

*Centre for Evidence Based Healthcare  
School of Health Sciences, The University of Nottingham*

**Kamila Januszewicz**

*Learning Technologist, Health e-Learning & Media Group (HELM), School of Health Sciences  
The University of Nottingham*

# Step 2 in EBP: Searching the JBI for Nottingham University Hospitals NHS staff

## How to access JBI database?

Staff at NUH can access the JBI database with an Athens login. An Athens account enables staff to search all the licensed online library resources available at the Trust. Registration is simple and involves completing an online form. Staff may self register from the following web address: <https://openathens.nice.org.uk>. Once registered, staff can access resources both from within the trust and at home.

## How to search JBI database?

JBI is available on the OvidSP platform. Bookmark the following link to go straight to JBI via Athens and log in with your Athens username and password at <http://ovidsp.ovid.com/athens>

Alternatively you can find JBI in the MyAthens site at [www.openathens.net](http://www.openathens.net) listed under the Ovid online resources section. Select "Continue" and choose the JBI resource from available list of Ovid resources. JBI defaults to simple search mode. Click 'Advanced Search', which allows you to combine searches.

To search enter the keyword(s) into the search box and click 'search'. You can also select a Publication Type or Subject Area Node to refine your search.

For example, to find systematic reviews with breast cancer in the titles type 'breast cancer' into the search box. Click the title icon to limit the search to the words if they appear in the title. You can also search as keyword but you may find some of the results may be as relevant. Select systematic reviews in the

'Publication Type' menu. You can further refine the search by adding a date limit if you wish.

Results are displayed in the search history box, which is above the search box. Set 2 has been limited to systematic reviews, retrieving three results. To view the results click on 'Display'.

The title and abstract are displayed along with Year of Publication and Date Updated. To view a pdf version of the full systematic review click on 'JBI Database PDF'.

## How to use EBP Tools in JBI?

The Evidence Based Practice (EBP) Tools allow your institution to implement evidence based practice, complete with benchmarking. There are a range of tools such as research Tools, Appraisal and Implementation Tools, Point of Care Tools, and Quality Improvement Tools. To use the JBI EBP Tools such as Manual Builder, you need to create a separate account to your Athens account. The EBP Tools can be seen to the left of the abstracts page or they also exist as a separate tab (EBP Tools) after you log in to JBI via Athens.

When you click on a link such as Manual Builder you will be prompted to login. If you have not already created an account there is an option to 'Create Account', which is a separate login to your Athens login.

## Elizabeth Hendron

*E-Resources Librarian, NUH Library*

This publication is available in alternative formats.

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The University of Nottingham has made every effort to ensure that the information in this report was accurate when published. Please note, however, that the nature of the content means that it is subject to change from time to time, and you should therefore consider the information to be guiding rather than definitive.



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