



Good Newsletter

Spotlight!

This month's spotlight is on Dr Rebecca Randell, a professor in Digital Innovations in Healthcare

Rebecca joined us here at the University of Bradford quite recently in January 2020. Prior to coming here, she worked at the School of Healthcare at the University of Leeds. During her 10 years at the university, she worked various different roles; starting as a research fellow before eventually becoming an associate professor in Applied Health Research. She is also the Executive Officer of the European Federation of Medical Informatics and the Deputy Chair of the NIHR HS&DR Researcher-Led Panel.



Rebecca began her academic journey at Durham University where she achieved a first class honours in Software Engineering. She then completed her PhD at the University of Glasgow in Human-Computer Interactions. For her research, she was awarded the Diana E. Forsythe Award by the American Medical Informatics Association for being the best paper on research at the intersection of informatics and the social sciences. Her work looks into the way nurses use equipment in intensive care units.

One of Rebecca's current projects at the university is to develop and evaluate an equality dashboard to support clinical teams to use audit data in quality improvements. She is also leading a work package with the Northern Pathology Imaging Co-operative in looking at the clinical adoption of artificial intelligence in histopathology. Moreover, Rebecca is involved with the systematic review of looking at the impact of nurses and allied health professions' use of computerised decision support systems.

During her time here at Bradford, she hopes to set up a research group in health technology in quality and safety. Rebecca hopes this will be a group of academics, research staff, PhD students and

healthcare professionals who want to develop a career in research. This group will be undertaking research to develop and evaluate technologies in healthcare. She also wants to contribute to integrating digital health into teaching within the faculty.

In her spare time, Rebecca enjoys running, exploring new vegan recipes, cooking and reading fiction. She is currently reading *The Rotters' Club* by Jonathan Coe and highly recommends it. She has also helped to produce a psychological horror film called 'Is That You' which is available to watch on Amazon Prime Video.



She would like to send a message to the faculty that she is really happy to have moved to University of Bradford and thinks it is a great place to work!

Nursing PAL Scheme

Congratulations to three of our nursing students have been recognised for their contribution to the Nursing PAL scheme. Fatoumata Fofana, Charlotte Sessford, and Eleanor Wigglesworth have been awarded the PAL leader Pair/Three of the year award for their amazing job in supporting the Adult nursing group this year.

Fatoumata, Charlotte and Eleanor led and supported a large group of first year students and despite the challenges of this, they maintained a large turnout at every session and managed to facilitate group discussions and activity to a high standard. Their engagement in all aspects of the PAL Leader role itself was excellent and they demonstrated professionalism throughout. Fatoumata also represented PAL and Nursing at the University of Bradford at the European PASS/PAL Conference. She then ran a session for all PAL Leaders at the University to share her knowledge from this with peers. This was a great team of three and overall, the engagement and positive feedback from students in their PAL group was testament to their ability and commitment as PAL Leaders. Well done to them all!

CoDe C: Coronavirus and Dementia in Care Homes

This study, led by Dr Andrea Capstick, Senior Lecturer in the Centre for Applied Dementia Studies, has now received ethics approval and is underway. The research team are looking at the experiences of FoHS students who have been working with care home residents with dementia during the coronavirus pandemic.

The study will use a variety of methods to capture students' experiences, with a view to developing resources to help with recovery for front line workers in social care who have had to deal with difficult or traumatic situations involving people with dementia as a result of the pandemic.

If you are a Health Studies student and would like to know more about taking part, or a staff member who would like to pass on details to your students, please contact Andrea on a.j.capstick@bradford.ac.uk in the first instance.

DEEP Group Success

The Centre for Applied Dementia Studies was delighted to learn that its application to become a DEEP group has been successful. DEEP stands for the Dementia Engagement and Empowerment Project which aims to explore, support, promote and celebrate groups and projects led by or actively involving people with dementia across the UK that influence services and policies affecting the lives of people with dementia. This is a great opportunity for the Centre's Experts by Experience group to engage with other dementia groups across the country and tap into the expertise of the DEEP members and facilitators as well as being able to use the vast array of resources.

You can visit the DEEP website here at <https://www.dementiavoices.org.uk/deepmoments/> to find out more about it; you can also watch a series of films 'DEEP moments' involving people living with dementia including some of our Experts by Experience who are also members of the Bradford Pathways dementia support group which until lockdown, met in the University. If you know someone who might be interested in becoming a member of the Centre for Applied Dementia Studies Experts by Experience group who work with us in our research, education and training work, or to find out more about the group, contact Clare: c.mason3@bradford.ac.uk



Saba Shafiq

Congratulations to Saba whose systematic review titled 'How people of African Caribbean or Irish ethnicity cope with long term health conditions in UK community settings: A systematic review of qualitative, quantitative and mixed method studies' has been accepted for publication in Health and Social Care in the Community. A huge well done to her!

Professor Rebecca Randell and Professor Peter Gardner

Professor Rebecca Randell, in collaboration with Professor Peter Gardner in the School of Pharmacy & Medical Sciences and colleagues from the Universities of Leeds, Manchester, and Huddersfield, Leeds Teaching Hospitals NHS Trust, Manchester University Foundation Trust, and NHS Improvement, have secured funding (£492,662) from the NIHR Health Services and Delivery Research programme for a new project. The project is entitled 'Practices of falls risk assessment and prevention in acute hospital settings: A realist investigation'.



The aim of this two year project is to determine how and in what contexts multifactorial falls risk assessment and tailored multifactorial falls prevention interventions are used as intended on a routine basis in acute hospitals in the NHS in



England. It involves a realist review of literature on falls risk assessment and prevention and a multi-site case study across three hospitals and six wards to understand how falls risk

assessment and prevention happens in practice. It is hoped that this will provide insights to inform the development of decision support tools to support falls risk assessment and prevention. The project started on 1st July 2020. Drs Natasha Alvarado (Senior Research Fellow and co-investigator) and Lynn McVey (Research Fellow) will be joining the Faculty of Health Studies to work on the project full time from 1st September 2020.

Professor Mohammed Amin Mohammed

A huge well done to Professor Mohammed and his team whose research using electronic observations to develop a computerised decision tool, could lead to a faster assessment of hospital patients who have coronavirus-type symptoms was featured in an online digital publication. You can read the article using the following link:

<https://www.digitalhealth.net/2020/08/special-report-electronic-observations-and-vital-signs/>

Research Grant On Behalf Of The HCPC

We had some great news this month! A team from the School of Allied Health Professions & Midwifery has successfully been awarded a research grant to carry out work on behalf of the HCPC (Health and Care Professions Council) examining Advanced Practice across all 15 health and care professions and across all countries of the UK to decide whether to regulate this area of practice.

They consisted of;

- Prof Maryann Hardy (Radiography)
- Prof Beverly Snaith (Radiography)
- Dr. Lisa Edwards (Physiotherapy)
- Paul Millington (Physiotherapy)
- John Baxter (Paramedic)
- Martine Harris (Radiography PhD student/Research Associate) Mid York NHS Trust

Dementia Care Mapping Training Feedback

For around 30 years, the Centre for Applied Dementia Studies has been delivering training in Dementia Care Mapping, an observational tool and process, to health and social care staff throughout the UK and internationally.

This training supports care teams to pay attention to the experiences of people living with dementia and facilitates the realisation of person-centred care in a range of settings. In response to the need to change our methods of delivering training, last week we started to deliver Dementia Care Mapping training via distance learning for the very first time. The training now involves a combination of Zoom tutorials and self-directed learning activities on Canvas. The feedback from course participants so far has been very positive.

Thanks to the project team members Richard Layden, Tarek Zoubir, Janet McNally, Clare Mason, Murna Downs and Charlotte Sumner for your commitment and skills over the past couple of months. We should all be feeling proud of what we have achieved together!

Sim-Versity Project Success

The conference organised as part of the Sim-Versity project, entitled "Enhancing cultural competence using simulation-based education", was led by Dr Gabrielle Tracy McClelland and was held on June 24th online. Due to the covid-19 pandemic the conference which had originally been planned as a face to face conference in Cork, Ireland was changed to an online format, with support from a company who specialise in e-conferences.

The conference addressed matters relating to diversity and inclusion, patient safety and simulation and was the culmination of a very successful 3 year research project.

Three hundred delegates registered from across the world to listen to 16 excellent presentations. Most of the presentations were streamed live with a small number pre-recorded. There were live demonstrations on resources developed during the project for using cultural competence in simulation education which are available free to all and can be accessed and downloaded at www.sim-versity.eu. It was great to be able to disseminate these important findings and resources globally.

Although this was a first virtual conference organised by the Sim-Versity team, the conference ran smoothly, credit to the great technical and organising team. The conference was interactive by allowing delegates to ask questions, make comments, view and message other delegates and speakers. We also actively encouraged tweeting and kept our twitter account visible which attracted new followers for the Sim-Versity project and resources.

Here are some statistics from the conference:

Total Browser Logins: 540

Total views of delegates viewing other delegates profile: 113

Total views of the Agenda: 1159

Total views of the Social Wall: 713

Total views of the Resources page: 259

Total views of the Speaker List: 171

Total views across all video stream pages: 1938

Total file download requests: 454

From the comments below, it seems that delegates really enjoyed this conference:

'Really enjoyed this virtual conference - great speakers, well thought out and balanced topics. Thanks to all involved, great success!'

'Well done great conference, even better than in person conference. Very thought-provoking content'



Ruby Bhatti



A huge congratulations to Ruby who is an inductee for the Bradford Hall of Fame!

Ruby is a part of the service user and carer group and co-chair for the service user research group which supports the faculty on various committees. She is also vice-chair and governance lay member for the NHS Bradford City CCG and is the Chair of the Primary Care Commissioning Committee and Remuneration Committee for Bradford City NHS CCG. In 2019, she was also awarded an OBE in the New Years Honours list in recognition for her work in housing and young people.

You can read more of Ruby's amazing achievement using the following link:

<https://www.thetelegraphandargus.co.uk/news/18697697.bradford-hall-fame-ade-ruby-bhatti-among-latest-inductees/>

Collaboration with Airedale General Hospital

During the initial response to the COVID-19 pandemic, staff members from the Faculty of Nursing at University of Bradford were at the forefront of responding to the educational needs of the region. Dr Claire Sutton, Alexandra Roberts, Dominic Egan and Rachael Carter were responsible for creating and delivering online webinars designed to train up non-critical care staff to be able to support intensive care environments. The webinars were created at very short notice in response to a call for action from Health Education England and were accessed by a number of healthcare professionals and undergraduate health students from across the north of England.

Additionally, face to face training was provided at the Harrogate Nightingale where teaching on a variety of critical care related skills was delivered to over 400 staff members from across Yorkshire. In response to a specific call from help from Airedale General Hospital, training was also delivered to general respiratory ward nurses there to enable them to care for patients requiring non-invasive ventilation.

In recognition of the high-quality of training provided throughout the initial 'surge' period, the University was approached by senior staff from Airedale General Hospital to provide additional training to staff, facilitating the opening of their Acute Respiratory Care Unit (ARCU). The ARCU will care for both COVID and non-COVID patients requiring non-invasive ventilation during the pandemic and beyond. This has led to the bespoke delivery of a new module, Advanced Respiratory Care, being provided to nurses who will be staffing the new ARCU.

The module is going well so far, and Airedale have confirmed that they will be sending an additional ten staff members to the university to complete the module during its planned usual running in January. The collaboration is an exciting one and we are excited to see what else can be made from this partnership in the future.

This Month's Publications

Congratulations to the following for getting their research published:

Keen, J; Abdulwahid, M; King, N; Wright, J; Randell, R; Gardner, P; Waring, J; Longo, R; Nikolova, S; Sloan, C; Greenhalgh, J. 'The effects of inter-organisational information technology networks on patient safety: a realist synthesis'. *BMJ Open*, In press.

Alvarado, N; McVey, L; Greenhalgh, J; Dowding, D; Mamas, M; Gale, C; Doherty, P; Randell, R. 'Exploring variation in the use of feedback from national clinical audits: a realist investigation'. *BMC Health Services Research*, In press.

McVey, L; Alvarado, N; Keen, J; Greenhalgh, J; Mamas, M; Gale, C; Doherty, P; Feltbower, R; Elshehaly, M; Dowding, D; Randell, R. (2020) 'Institutional use of National Clinical Audits by healthcare providers'. *Journal of Evaluation in Clinical Practice*, <https://doi.org/10.1111/jep.13403>

Randell, R; Alvarado, N; McVey, L; Greenhalgh, J; West, RM; Farrin, A; Gale, C; Parslow, R; Keen, J; Elshehaly, M; Ruddle, RA; Lake, J; Mamas, M; Feltbower, R; Dowding, D. (2020) 'How, in what contexts, and why do quality dashboards lead to improvements in care quality in acute hospitals? Protocol for a realist feasibility evaluation.' *BMJ Open*, <https://doi.org/10.1136/bmjopen-2019-033208>

Webb L, Clayson A, Duda-Mikulin E, Cox N. 'I'm getting the balls to say no': Trajectories in long-term recovery from problem substance use. *Journal of Health Psychology*. July 2020. <https://doi.org/10.1177/1359105320941248>

Snaith B, Raine S, Fowler L et al (2020) Improving wrist imaging through a multicentre educational intervention: The challenge of orthogonal projections. *Hand Therapy*. 25(3): 107-113

We're an amazing bunch here at the Faculty of Health Studies... So why not share your good news and achievements with everyone! Send all of your good news to nahmed56@bradford.ac.uk.

To read more about research and innovation across the university, visit:

<https://unibradfordac.sharepoint.com/sites/research-and-knowledge-transfer-support-intranet>