North West Coast Research and Innovation Awards 2022

FINALISTS

23 June 2022 Rose Theatre, Edge Hill University

#NWCawards
@innovationnwc @NIHRCRN_nwcoast @arc_nwc



ABOUT THE AWARDS

The North West Coast Research and Innovation Awards 2022, hosted by the Innovation Agency; Clinical Research Network North West Coast (CRN NWC); and Applied Research Collaboration North West Coast (ARC NWC), celebrates excellence and success whilst also recognising the people, organisations and participants who helped deliver research and innovation in healthcare during the recent pandemic.

The event is a welcome opportunity to reward and acknowledge those involved in research during the last two years who have helped save thousands of lives through developing, delivering, participating in or applying an innovative idea or piece of research.

The awards have been boosted further with the support of the region's two Integrated Care System organisations covering Cheshire and Merseyside and Lancashire and South Cumbria, who are sponsoring two new awards in the areas of sustainability and tackling health inequalities.

The North West Coast Research and Innovation Awards have been devised by the executive leads from each of the following organisations:



Dr Phil Jennings Chief Executive Innovation Agency

YOUR EVENT HOST



We are delighted to have Roger Johnson hosting this year's awards ceremony.

Roger presents *North West Tonight* – the flagship BBC1 regional news programme for the North West. He succeeded Gordon Burns in the role in September 2011. Roger has also been a presenter on the BBC News Channel and on BBC Breakfast. A versatile broadcaster, for many years his focus was sport. Roger was a regular commentator and reporter on Match of the Day and was a member of the BBC team at the 2010 FIFA World Cup in South Africa. He is (probably) the only person to commentate on Match of the Day and read the BBC News on the same day!

Roger joined the BBC in 1994. He was the Manchester United commentator on BBC GMR (now Radio Manchester) for two years in the 1990s. He then joined the BBC's TV news team in Southampton – where he was a popular presenter on South Today for more than a decade. Born in Stoke-on-Trent, Roger has an American Studies degree from the University of Birmingham. He has won – or been nominated for – several Royal Television Society Awards. Roger is married with a young family.



Professor Enitan Carroll Clinical Director NIHR Clinical Research Network: North West Coast

Running order

3.00pm Guests arrival, networking and summer barbecue

5.00pm Awards ceremony

7.30pm Post awards ceremony drinks and entertainment

9.00pm Event closes



Professor Mark Gabbay Director NIHR Applied Research Collaboration North West Coast (ARC NWC)

PARTNER ORGANISATIONS



INNOVATION AGENCY Academic Health Science Network for the North West Coast

The Innovation Agency is one of 15 Academic Health Science Networks (AHSNs) in England, whose core purpose is to spread innovation, improve health and generate economic growth. They create the right environment for businesses to work with the health and social care system to enable new ways of working, to improve care. This is through connecting networks of NHS, academic organisations, local authorities, the third sector and industry; and acting as a catalyst for collaboration to respond to the needs of the population of the North West Coast.

www.innovationagencynwc.nhs.uk

🕤 @innovationnwc

NIHR | Clinical Research Network North West Coast

The NIHR Clinical Research Network is the clinical research delivery arm for the Department of Health and Social Care. We operate nationally across England through a national coordinating centre and 15 local branches delivering research in the NHS and Social Care across all disease areas. The NIHR Clinical Research Network; North West Coast is hosted by Liverpool University Hospitals NHS Foundation Trust. The host is responsible for ensuring the effective delivery of research in the Trusts, primary care organisations and other qualified NHS and social care providers throughout the North West Coast area.

www.local.nihr.ac.uk/lcrn/north-west-coast



NIHR Applied Research Collaboration North West Coast

The National Institute for Health Research Applied Research Collaboration North West Coast (NIHR ARC NWC) brings universities, local authorities, NHS organisations and the public together – working to accelerate the translation of research findings into health service improvements and changes that will reduce health inequalities and improve population health.

www.arc-nwc.nihr.ac.uk



North West Coast Research and Innovation Awards 2022

INTRODUCING THE AWARD CATEGORIES AND FINALISTS

We will be celebrating the achievements of our colleagues in 12 award categories including COVID-19 research, patient safety, public involvement and cross sector collaboration.

Judges were impressed by the 180 nominations received - a record number - and had a tough job to decide which should go through to the finals.

38 people and organisations behind innovative research initiatives across the North West Coast have been shortlisted.

GOOD LUCK TO ALL OF THE SHORTLISTED NOMINEES.

THE COVID-19 RESEARCH AND INNOVATION AWARD

This award looks for organisations and individuals who have worked tirelessly towards bringing us out of the COVID-19 pandemic. From the provision of new equipment and services to new treatments and techniques.

★ LIVERPOOL SCHOOL OF TROPICAL MEDICINE (LSTM) PLUS AND PARTNERS

Pandemic Response OF LSTM PLUS

LSTM PLUS worked tirelessly recruiting the highest participant number in the UK to Oxford/ AstraZeneca's novel COVID-19 vaccine trial. Within 9 months the vaccine received approval -directly benefiting millions of UK patients and within a year 4 billion people globally were vaccinated, helping bring the world out of the COVID-19 pandemic.

★ UNIVERSITY OF LIVERPOOL INSTITUTE OF POPULATION HEALTH AND LIVERPOOL CITY REGION CIVIC DATA COOPERATIVE

COVID-19 SMART response and recovery

North West Coast public health and data science teams co-produced the world's first evidence on large-scale, voluntary rapid antigen testing, which became national community testing policy and underpins the new WHO guidance. This action-research culture and platform also enabled the first Covid-risk-mitigated reopening of mass gatherings in the Northern Hemisphere.

★ DR. CLARISSA GIEBEL, UNIVERSITY OF LIVERPOOL

COVID-19 and dementia

Dr. Giebel pioneered the first COVID-19 dementia study in the UK, exploring the effects of social service closures on the lives of people with dementia and unpaid carers living in the community. The study is published extensively and she is now working with colleagues globally to compare data with other countries. In addition, Dr. Giebel led research exploring concerns and issues surrounding vaccination and infection risks in UK care homes during the pandemic.

RESEARCH DELIVERY TEAM OF THE YEAR

This award recognises a research team that has made a positive impact on the delivery of research studies across the North West Coast.

★ MID CHESHIRE HOSPITALS NHS FOUNDATION TRUST

Mid Cheshire RECOVERY Trial Delivery Team

The RECOVERY trail delivery team at Mid Cheshire was developed from a small research team into a multi-disciplinary team that successfully embedded research into patient care pathways. Through collaboration and innovation, the profile of research has been raised across the organisation for the benefit of all patients.

★ LANCASTER MEDICAL PRACTICE

By The Bay - Community GP Research From Lancaster Medical Practice

Lancaster Medical Practice (LMP) is a small but growing research department with a huge passion for improving health in the community through research. Our research studies suit our diverse, large population and LMP's unique working system through the pandemic ensured we continued to deliver quality research and recruit well onto emerging COVID-19 Studies.

★ UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST (UHMBT)

Research and Development at UHMBT

As a research team covering a large geographical footprint, we've adapted our approach to research and maintained activities safely and effectively when caring for thousands of patients throughout the pandemic. We've expanded our capabilities, working across a multitude of clinical domains and have worked omnisciently to support services and patients.

★ LIVERPOOL UNIVERSITY HOSPITALS NHS FOUNDATION TRUST NIHR CLINICAL RESEARCH FACILITY

AGILE the UK Early Phase Clinical Trial Platform

The AGILE platform brings together expertise from across academic and NHS condishments to enable rapid development, conduct and reporting of early phase clinical trials of COVID-19 treatment candidates is a specific collaboration.

RESEARCH COLLABORATION OF THE YEAR

This award is aimed at recognising good examples of research collaboration between organisations delivering healthcare in our region.

★ WARRINGTON AND HALTON TEACHING HOSPITALS NHS FOUNDATION TRUST, LIVERPOOL UNIVERSITY HOSPITALS NHS FOUNDATION TRUST, LIVERPOOL CLINICAL RESEARCH FACILITY AND CLINICAL RESEARCH NETWORK NORTH WEST COAST

Halton Clinical Research Unit - Success in Partnership

Warrington and Halton were supported with funding from the Clinical Research Network: North West Coast CRN NWC it open the Halton Clinical Research Unit. Together with collaboration with Liverpool University Hospitals and CRN NWC Taskforce they have successfully delivered a number of vital COVID-19 Vaccination Studies.

★ LIVERPOOL SCHOOL OF TROPICAL MEDICINE (LSTM) PLUS AND PARTNERS

LSTM Plus Primary Care, Liverpool, St Helens, Wirral and Chester Hospitals, NIHR LCRN Industry - United to Support Respiratory Infection Research

The UK government's Vaccine Task Force invested in multiple COVID-19 vaccine trials. North West Coast NIHR COVID-19 Vaccine Alliance agreed that LSTM's Accelerator Research Clinic should be the designated central North West Coast vaccine hub. It was agreed that follow-up appointments would occur cross-region to allow maximum trial capacity; hence LSTM PLUS was formed; leading the way in collaborative working and it continues to flourish.

★ NIHR PATIENT RECRUITMENT CENTRE (PRC): BLACKPOOL AND FYLDE COAST CLINICAL RESEARCH

Rising to the Challenge of Research Delivery Across the Fylde Coast: A Primary/Secondary Care Collaboration

Through a truly collaborative approach, Patient Recruitment Centre (PRC): Blackpool and Fylde Coast Clinical Research have enrolled 819 participants to two COVID-19 Vaccine Studies from our local community and beyond. Since recruitment of the first global patient for the Novavax trial in September 2020, the partnership has gone from strength to strength.

PRIMARY CARE OR COMMUNITY RESEARCH TEAM OF THE YEAR

Judges were looking to recognise a research team who has demonstrated how research is being delivered outside of the traditional hospital setting into communities and making more research opportunity available to those living in our region.

★ ST GEORGE'S MEDICAL CENTRE

Driving Primary Care Research Forward in a Research Naïve population

At St George's Medical Centre we have been driving primary care research forward. We have built a small but motivated team that have not only been successful in recruiting within our own practice, but also across our local primary care network.

★ FYLDE COAST CLINICAL RESEARCH AT LAYTON MEDICAL CENTRE

Small team, big dreams, bigger successes. Showcasing the potential of Primary Care

We've shown in the last 24 months that Primary Care can not only compete with acute hospital trusts for performance in clinical research but can trail blaze new ways of working. Through agile, quick thinking changes to delivery models, we've found ways to adapt throughout the pandemic and emerge as one of the leading sites for vaccine and therapeutic research delivery.

★ WATERLOO MEDICAL CENTRE

Primary Care Research Tackling Health Inequalities

Waterloo Medical Centre is situated in the most deprived area in the country. We have passionately delivered research opportunities to our community striving to level up health inequalities and improve patient care in these unprecedented times.

THE 2022 SUSTAINABILITY AWARD

The impact we have on the environment has never been under greater scrutiny. This award aims to recognise an individual or team whose work has enabled improvements or efficiencies in services, departments, pathways and patient experience while boosting sustainability.

★ LIVERPOOL UNIVERSITY HOSPITALS NHS FOUNDATION TRUST

Fabric theatre caps - providing safe patient care and reducing single-use PPE

A former nurse at the Trust created fabric theatre caps embroidered with names and roles to help improve communication between staff in theatres and provide a more personable patient care, whilst also reducing single-use plastic PPE and clinical waste. The caps have been rolled out across our three hospital sites.

★ LIVERPOOL UNIVERSITY HOSPITALS NHS FOUNDATION TRUST AND THE CENTRE FOR SUSTAINABLE HEALTHCARE

Nature Recovery Ranger in Liverpool

Our Nature Recovery Ranger was one of only three Rangers piloted across the country and the only one in the north. The Ranger works in green spaces across the Trust with NHS staff, patients and local community groups to support health and wellbeing, whilst also providing biodiversity benefits.

★ UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST

Local businesses partner with the NHS to deliver a more sustainable PPE solution

Hospitals faced the prospect of running out of PPE during the national COVID crisis. Recognising the risks of having no masks, University Hospitals of Morecambe Bay NHS Foundation Trust collaborated with BAE Systems and a local company to create an alternative solution; a hood that is safe, cost effective and beneficial to patients.

★ PRIMARY CARE KNOWSLEY, LIVERPOOL HEART AND CHEST HOSPITAL AND INNOVATION AGENCY

Proactive management of asthma in primary care for patients in Knowsley

Knowsley Community Respiratory Service (KCRS), hosted by Liverpool Heart and Chest Hospital NHS Foundation Trust, have been working with GP practices in Knowsley to help improve asthma care. Using the UCLP framework they have been able to reduce numbers of high-risk patients by 60% and begin to address the issue of Short-Acting Beta Agonists (SABA) over-prescribing in Knowsley.

INNOVATION IN PATIENT SAFETY AWARD

Judges wanted to hear about the development and implementation of an innovation that has led to an improvement in patient safety.

★ PRIMARY CARE KNOWSLEY, LIVERPOOL HEART AND CHEST HOSPITAL NHS FOUNDATION TRUST, INNOVATION AGENCY

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★ ALDER HEY CHILDREN'S NHS FOUNDATION TRUST INNOVATION

Little Hearts at Home

Providing an 'at home' clinical management solution of congenital cardiac patients, specifically patients in the cohort of single ventricle circulation (or temporary unoperated heart condition) by means of an app for use by community cardiac nursing teams across the North West, to avoid unnecessary ED visits and ward admissions.

★ UNIVERSITY OF LIVERPOOL DRUG INTERACTIONS GROUP

Liverpool COVID-19 drug interactions

The Liverpool COVID-19 drug interactions tools were developed to meet the clinical need for prescribing support to manage drug interactions with COVID-19 therapies and comedications. With over 14,000 regularly updated, evidence-based interactions, the tools have been accessed by 220 countries and territories, with 20% of interactions searched being clinically significant.

INNOVATION IN WORKFORCE DEPLOYMENT

Organisations are continually trying to increase workplace productivity, promote flexibility and respond in an agile manner to increased demand. This award recognises innovations in workforce management.

★ ST HELENS AND KNOWSLEY TEACHING HOSPITALS NHS TRUST AND PATCHWORK HEALTH

Establishing the North West Collaborative Bank - the largest in the UK

Created by St Helens and Knowsley Teaching Hospitals NHS Trust and Patchwork Health, the North West Collaborative Bank (the largest collaborative bank in the UK) has retained £3.4 million within the NHS, filled 33,000+ hours of shifts, and ensured fluctuating patient demand is sustainably met.

★ BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST

COVID-19 Digital Staff Passport

Blackpool Teaching Hospitals NHS Foundation Trust collaborated with NHSE&I and key suppliers to develop and implement the COVID-19 Digital Staff Passport. Providing technology and frameworks for temporary staff movement, a verified digital credential reduces onboarding to a few minutes , rather than days. The COVID-19 Digital Staff Passport has been deployed to 105 Trust s with Blackpool Teaching Hospitals NHS Foundation Trust managing the service on behalf of NHSE&I.

★ INNOVATION AGENCY AND PARTNERS

An innovative new career route for psychology graduates in The North West Region, to address workforce supply challenges in the NHS

Introducing a new NHS entry route for psychology graduates: Associate Psychological Practitioners (APPs). This provides a flexible and innovative workforce solution to increase supply and meet the aims of NHS Long-Term Plan, to improve access to psychological interventions. Evaluation identifies a cost-effective approach, which improves outcomes for patients and services.



CULTURE FOR INNOVATION

This award recognises a team or organisation that has developed a sustainable approach to innovation through the development of a positive workplace culture.

★ ALDER HEY CHILDREN'S NHS FOUNDATION TRUST

Daring to innovate

At Alder Hey we believe innovation is for everyone, we provide a dedicated innovation space, creating the environment with expert resources for any member of staff to develop their ideas. Innovation is one of the Trust values and is encouraged not for a select few but for the many.

★ THE CLATTERBRIDGE CANCER CENTRE NHS FOUNDATION TRUST

Driving innovation across the workforce to benefit cancer patient treatment care

The Clatterbridge Cancer Centre NHS Foundation Trust has a renewed focus on the crucial role a culture of innovation plays in patient treatment and care. This is evidenced by innovation being a key component in its new five-year strategy, Innovation Manager and Clinical Lead appointments and a successful Bright Ideas Scheme drawing out innovation from staff.

★ MARIE CURIE HOSPICE LIVERPOOL

A hospice for innovation

Throughout the COVID-19 pandemic Marie Curie Hospice Liverpool has remained committed to delivering research. We have developed innovative ways of working enabling us to support research recruitment and to re-develop our multidisciplinary journal club. Our journal club aims to support staff development, education and collaboration.

OUTSTANDING CONTRIBUTION TO PATIENT AND PUBLIC INVOLVEMENT (PPI)

This award is aimed at an individual or group who can demonstrate excellence in the participation of individual patients, service users or carers during a research or innovative project. We asked for nominations which gave evidence of where patients and service users were at the heart of research and innovation.

★ NORTH WEST AMBULANCE SERVICE NHS TRUST

Patient and Public Panel Involvement in development of QI Programmes

The NWAS Patient and Public Panel (PPP) ensures patient and public involvement is at the heart of everything we do. Our Quality Improvement (QI) programmes have been brought to life through the lived experience of the PPP, which has advocated the patient voice in designing, delivering, and improving services.

★ SALASO HEALTH SOLUTIONS LTD

Patients at the heart of Codesign and production

Salaso accessed the Innovation Agency patient and public groups to co-design their physio. education platform that helps patients performing prescribed exercises with greater confidence and commitment. This deliberate engagement ensures the look and feel of the platform is innovative, helpful and inclusive.

★ CHESHIRE AND MERSEYSIDE SPECIALIST PERINATAL SERVICE (SPMH), CHESHIRE AND MERSEYSIDE LOCAL MATERNITY SYSTEM (LMS) AND CHESHIRE AND MERSEYSIDE MATERNAL MENTAL HEALTH SERVICE (MMHS)

Coproduction from start to end

The LMS and SPMH collaborated together on a bid for a new MMHS in Cheshire & Merseyside. Collaboration and coproduction with service users and community voluntary organisations were key throughout from the bid process right through to the recruitment, design and delivery of the new service.



THE RUTH YOUNG AWARD FOR RESEARCH IMPLEMENTATION

Ruth Young was an inspirational Public Health Research and Development Manager with Blackburn with Darwen Council. This award in her memory recognises research initiatives or partner collaborations that have enhanced or improved frontline delivery to service users in any area.

★ LANCASHIRE AND SOUTH CUMBRIA NHS FOUNDATION TRUST, HEALTH EDUCATION ENGLAND AND THE UNIVERSITY OF CENTRAL LANCASHIRE

Collaborating with General Practice and Community settings to implement findings about effective Mental Health Prevention and Promotion Interventions

In 2020, through a collaboration between Health Education England, Lancashire and South Cumbria NHS Foundation Trust and two General Practices, a 12-month feasibility study was developed. The study aimed to explore: 1) How feasible it was to deploy Psychology graduates to general practice, and 2) How feasibly the graduates could focus upon mental health prevention and promotion. The outcomes were positive and a framework for brief interventions was created. These findings were then further implemented and evaluated, through the deployment of 24 additional Psychology graduates, known as Trainee Associate Psychological Practitioners, into 24 Primary Care Networks across Lancashire and South Cumbria.

★ UNIVERSITY OF CENTRAL LANCASHIRE AND EAST LANCASHIRE HOSPITALS NHS TRUST

Implementation and evaluation of Neurorehabilitation OnLine within the NHS

Pragmatic implementation of group-based neurological telerehabilitation is possible within the NHS and has enhanced frontline delivery. The compelling advantages support continued use, with evidence of positive patient and service outcomes. Robust evaluation enabled funding for upscale. Wider impact will be realised through collaboration at a delivery network level.

★ WESTMINSTER CENTRE FOR RESEARCH IN VETERANS, UNIVERSITY OF CHESTER

Evaluation of the Veteran Friendly GP Practice Accreditation Programme

The Veteran Friendly GP Practice Accreditation Programme Evaluation, led by the University's Westminster Centre for Research in Veterans, assessed whether accredited practices could better identify, treat and refer veterans, where appropriate, to dedicated NHS services. The evaluation by the University used mixed-methods of research and examined both positive outcomes and outstanding challenges found during the research. As a direct result of this evaluation by the team, the three-year accreditation programme has been extended.

RESEARCH STUDENT OF THE YEAR

This award is aimed at a student who has demonstrated an unparalleled commitment to their research.

★ WERN YEW DING

University of Liverpool

Wern Yew Ding is a medical doctor who specialises in the heart and is currently a full-time PhD student undertaking his research in atrial fibrillation at the University of Liverpool. He has been a role model for his peers and shown exemplary dedication to academic research with exceptional time-management, critical analysis and team-working skills. In his time as a PhD student, he has published over 50 peer-reviewed papers, including 31 as first author. In addition to his research commitments, Dr Ding has continued to provide clinical support to NHS hospitals by covering gaps on the on-call medical rota and looking after acutely unwell hospitalised patients during the pandemic.

★ JAMES WATSON

University of Liverpool

James Watson is a 3rd Year PhD student trying to uncover and address health inequities in dementia care, using both big data and a qualitative angle bringing the findings together. He has already published his first first authored paper in his 1st Year, which was a systematic review into using routine and cohort data globally to explore dementia care pathways and inequities. He has published his second paper and is working with members of the public to embed findings into real life.

★ SARAH STANLEY

Liverpool John Moores University

Sarah Stanley is undertaking a Masters in Health and Wellbeing at Liverpool John Moores University. For her Masters research, Sarah developed an electronic questionnaire to identify how UK based palliative care healthcare professionals have used digital health, to support communication in clinical care, during the COVID-19 pandemic. Sarah's excellent work has identified facilitators and barriers for using technology in palliative care. Her work will support UK commissioners and policymakers to implement the models of care needed to improve access and quality of palliative care services across the country.

TACKLING HEALTH INEQUALITIES AWARD

We are proud to serve a diverse region and this award recognises work carried out to tackle health inequalities across the North West Coast.

★ EDGE HILL UNIVERSITY, TATE LIVERPOOL AND EVERTON IN THE COMMUNITY

Tackling the Blues: improving the mental health of children, young people and their communities

Since 2015, Tackling the Blues is a unique cross-sector programme which has benefitted the mental health of 2,231 6-16-year-olds and 2989 university students experiencing some of the poorest health and educational wellbeing nationally. It has engaged over 30 schools and enabled students to secure graduate-level jobs supporting others' mental health.

★ MERSEY CARE NHS FOUNDATION TRUST

Building Attachment and Bonds Service (BABS)

"Probably the most important period in everyone's life is the one that they cannot remember". (Balbernie, 2008) Knowsley's Building Attachment and Bonds Service (BABS) is an innovative and trailblazing service leading the way in reducing the long-term impact of Adverse Childhood Experiences.

★ FCMS (NW) LTD

Innovating to overcome health inequalities experienced within the homeless community

The Fylde Coast homeless health nursing team was created following the tragic and preventable death of a homeless man in Blackpool. This small, dedicated and enthusiastic physical health nursing team has worked collaboratively to reduce health inequalities and transform health care access for homeless patients on the Fylde Coast.



THE VENUE

The Arts Centre houses the University's Performing Arts Department and the Rose and Studio Theatres.

It hosts a diverse range of high quality professional productions, including comedy, dance, drama, literature, music, film, live theatre screenings, and family-friendly shows, designed to entertain students as well as local and regional communities.

Since extensive refurbishment of the Rose Theatre in 2012, visitors have benefited from significant improvements to the all-round theatre experience. The £2million overhaul included a brand new open-plan and spacious bistro, comfier seating and a striking new red aluminium façade. There's even an outdoor amphitheatre for those innovative alfresco productions.

In addition to the theatre auditoriums, The Arts Centre offers state of the art facilities including dance and drama studios, theatre design/costume workshops and fully-equipped digital sound studio and design suite.

The outstanding resource ensures all students gain practical experience to a professional standard and that Edge Hill University houses an impressive, modern, live entertainment hub for the enjoyment of all.

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NIHR Clinical Research Network North West Coast (CRN NWC)

NIHR Applied Research Collaboration North West Coast (ARC NWC)