

Winners' Guide

Advancing Healthcare Awards 2022

Innovation | Creativity | Leadership | Compassion



Congratulations to all our winners and finalists

We are delighted that for the first time since 2019 we were able to celebrate with the finalists of the 2022 Advancing Healthcare awards at a real-life lunch ceremony in London. It was an afternoon of high emotions and joy, bringing together AHPs, healthcare scientists and those who work alongside them, to reflect on their incredible achievements during another very difficult period.

Yet again entries were submitted during a time when AHPs and healthcare scientists were working at the forefront of the pandemic, working to deliver services under COVID restrictions, under pressure and with a reduced workforce. And once again these dedicated professionals have proven their determination, innovation and compassion in the face of adversity.

This Winners' Guide is testament to the achievements of AHPs and healthcare scientists during another extraordinary year and as always we are proud to share the experience and learning as widely as possible.

Thank you to our sponsors and supporters who promoted the awards through their networks, helped with the judging, shared their ideas and made the whole event possible.

Entries for 2023 will open in the Autumn; meanwhile you can take a look at our 2022 stars.

Alison Dunn and Will Chamberlain-Webber

Joint managing directors

Chamberlain Dunn





Alison Dunn and
Will Chamberlain-Webber

OVERALL WINNER



Bamidele Farinre

Scientific Advisor Lab Validation and Quality Assurance, UKHSA

THE JUDGES COMMENTED:



Bami made us proud to be scientists. She comes across as a leader for the profession who is inspirational to other scientists. In the midst of a global pandemic, she set-up a mobile based testing system for Covid-19, facing enormous pressure and deadlines, but succeeded in doing this. $\neg \neg$



THE NHS EMPLOYERS AWARD FOR OUTSTANDING ACHIEVEMENT BY AN APPRENTICE, SUPPORT WORKER OR NON-REGISTERED TECHNICIAN IN AN AHP OR HEALTHCARE SCIENCE SERVICE

WINNER

Maggie Higgins, Communication Development Officer

Swansea Bay University Health Board

In May 2014 Maggie Higgins and Dr Sara Rhys Jones, Consultant Psychologist, established a multi-disciplinary steering group (PASS) to address the unmet needs of adults with a learning disability and additional sensory loss in Cardiff. Maggie has worked jointly with audiology services in University Hospital Wales, inspiring a redesign of the ways they offer services to people with LD. She has developed and delivered innovative training packs used to educate health and social care professionals, families and carers. Involving patients and families throughout, she jointly developed the "My Hearing Action Plan" which supports patients and their families to understand their hearing loss and co-produce actions and desired outcomes with their audiologist and other healthcare professionals.

The judges thought this shows great benefits with sustained 7-fold increase in referrals to audiology services for people with a learning disability, resulting in a massive improvement in quality of life for patients





FINALISTS



Samina Akhtar, therapy support worker

University Hospitals Birmingham NHS Foundation Trust

Sam identified a need for patients with Parkinsons that she was able to fill. This initiated a review of the role of therapy support workers, developing the service to offer care that is prompt and responsive, utilising Sam's experience and skills as a therapy support worker. Patients feel supported and give Sam great feedback on her compassionate approach.

Samina.Akhtar@uhb.nhs.uk



Ellen Robinson, dietetic assistant practitioner

Northern Health and Social Care Trust

Ellen was heavily involved from the outset in developing the new role of the acute dietetic assistant practitioner. This role has had a momentous impact on nutritional care of in-patients. It has been vital in the ongoing challenge of managing malnutrition during the COVID pandemic in the hospital setting.

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WELSH GOVERNMENT'S AWARD FOR VALUE BASED CARE: MAKING BEST USE OF RESOURCES TO MAXIMISE OUTCOMES



FINALISTS



Initiation of orthoptic-led paediatric eye emergency service

Helen Simpson, head orthoptist, Rahila Bukhari, casualty paediatric orthoptic lead and the team

University Hospital Coventry and Warwickshire Hospitals NHS Trust

Leading collaborative partnership working to develop and initiate a 'unique' risk stratified patient focused, Orthoptic led acute paediatric eye service enabling appropriate investigation, treatment and onward referred in a timely manner. This is the first Orthoptic department in the country to deliver this specifically tailored acute eye service for paediatric patients.

<u>Helen.Simpson@uhcw.nhs.uk</u> <u>Rahilah.Bukhari@uhcw.nhs.uk</u>





Implementation of a physiotherapyorthopaedic combined pathway for children with cerebral palsy

Fiona Fyffe, Advanced Practice Physiotherapist, Paediatric Neurodisability,

Jackie McKee, specialist paediatric physiotherapist and the team

Northern Health and Social Care Trust

A physiotherapy-orthopaedic combined pathway developed and implemented to improve the patient journey for children with Cerebral Palsy has reduced waiting times at the orthopaedic consultant clinic, facilitating timely orthopaedic management and onward referral to other specialist services.

Fiona.Fyffe@northerntrust.hscni.net
Jackie.McKee@northerntrust.hscni.net



WINNER

The Cellulitis Improvement Programme

Melanie Thomas, Clinical Director Lymphoedema Wales **Linda Jenkins**, National Cellulitis Improvement Specialist Physiotherapist **And the team**

Swansea Bay University Health Board

Cellulitis is a skin infection causing patients pain, malaise, poor quality of life and impaired activities of daily living, plus a life threatening risk of sepsis if mismanaged. Evidence suggests 1-2% of hospital admissions are cellulitis related with each cellulitis recurrence increasing the likelihood of another escalating the length of hospitalisation. Many patients admitted with cellulitis have underlying risk factors (wounds, morbid obesity, immobility, diabetes, fungal-infections and lymphoedema) that if treated could reduce the rate of recurrence by over 40%. Further, 30% cellulitis cases are misdiagnosed when they are red-leg syndrome, dermatitis, thrombophlebitis or deep vein thrombosis resulting in unnecessary antibiotic treatment/hospital stays.

A Value-Based healthcare approach was initiated and headed by three AHPs to reduce cellulitis reoccurrence. The Cellulitis Improvement Programme was aimed at improving patient outcomes and lowering pressures on unscheduled care. To date, nearly 8,000 people have received a "Reducing-the-Risk of Cellulitis" leaflet and a

clinical appointment invite letter. 46% have opted in to receive an assessment. Treatment (skincare, healthy eating, exercises, wound management and compression) occurs virtually and face-to-face (mobile clinics, heath centres) enabling care closer to home, raising patients awareness in identifying, managing and reducing the risk of cellulitis.

The team have innovatively developed a world-first cellulitis-specific PROM (CELLUPROM®), with validation underway. CELLUPROM® has been digitised and hosted on a patient platform for easy and timely completion throughout the patients journey.

Value based care on a large scale, an ambitious project empowering all patients with cellutlitis to manage their condition and take responsibility for it.



CHROMA AWARD FOR AHPS, INCLUDING ARTS THERAPISTS, WORKING WITH PEOPLE WHO HAVE MENTAL HEALTH PROBLEMS



WINNER

Fundamentals in Athletics

Lynsey Cunningham, Advanced Practice Physiotherapist Clare Gardiner, SET Outdoors Manager South Eastern Health and Social Care Trust

Fundamentals in Athletics was a group physiotherapy intervention that incorporated athletics as a therapeutic medium for young people experiencing motor skill impairment some with underlying mental health issues. The programme provided an opportunity to engage in fun, purposeful, outdoor, sporting activity to promote functional gains and improved mental health.

This project was driven by Lynsey's desire to meet the needs of young people who were struggling to engage in traditional, clinicbased physiotherapy. By listening to what interested them, she established appropriate meaningful goals and recognized the potential of athletics to meet these goals. She has lead by example sharing her enthusiasm and learning with the wider team inspiring others to 'think outside the box'. This is an innovative, high-quality example of how allied health professionals can engage with service users, healthcare colleagues and external partners to deliver intervention which is client-centred, child-focused and Covid-19 safe.

Judges saw this intervention as effectively reaching out beyond traditional therapy, and as a clear example of how AHPs can engage with service-users, by listening to and acting upon their specific needs.



FINALISTS



Arts therapies delivering positive outcomes relating to the social, emotional and mental health needs of children and young people with SEN.

Arts therapies team Pathfield School, Devon

Pathfield School, a special state school in Devon, has established a tri-modality arts therapies service comprising art therapy, dramatherapy and music therapy—ensuring accessible 'in school' therapy provision to support the social, emotional and mental health needs of pupils with SEND, including those who do not reach the CAMHS threshold.

LCPettit@pathfield.devon.sch.uk



Creative therapies week: innovative collaboration to suport mental health in school

Abi Thomson, head of therapy, art psychotherapist and the team

The therapists at Wilds Lodge School launched their own Creative Therapies Week to raise awareness about creative approaches to therapies, their value and efficacy. The team created workshops aimed at combining modalities (art, drama, music, play and nature) to promote emotional wellbeing and remove barriers and stigma around accessing therapy.

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NORTHERN IRELAND GOVERNMENT'S AWARD FOR REFORM AND REBUILD OF HEALTH AND SOCIAL CARE SERVICES POST COVID-19

WINNER

Keeping the Person at the Centre in a Virtual World – Transformation of Community Brain Injury Rehabilitation Post Covid 19

Alison Keys, Clinical and Service Lead Speech and Language Therapist for Brain Injury Services, Romayne Orr, Advanced Clinical Specialist Occupational Therapist, Jill Holden-Downes, Advanced Clinical Specialist Occupational Therapist, Community Brain Injury Team

South Eastern Health and Social Care Trust

In utilising digital resources to deliver brain injury rehabilitation, challenges for the team at South Eastern Health and Social Care Trust included ensuring virtual interventions were person centred, individualised, therapeutic and equitable. By involving service users and carers a menu of interventions were co-produced and co-delivered guaranteeing service users accessed the right people at the right time in the right place. The service developed over time, building on feedback, to deliver further personalised individual and group interventions addressing issues of fatigue, memory and communication difficulties post brain injury. Delivering a menu of personalised interventions using a virtual platform has resulted in rapid access

to specialist support with no waiting list for intervention. Vulnerable service users have been able to remain in a safe familiar environment, health deterioration has been prevented and individuals and carers reported reduced isolation and feeling valued and supported.

The impact of this project is already influencing commissioners through the use of data and patient outcomes as well as service users being fundamental in the design – so powerful.

FIND OUT MORE

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FINALISTS



Nutrition and hydration to optimise rehabilitation

Heather Owen, Aideen O'Hagan, specialist dietitians and the team

Northern Health and Social Care Trust

Nutritional assessments and an audit of meal provision found that patients were not receiving adequate nutrition and hydration to help meet their rehabilitation goals. Heather and the full MDT team developed a new innovative nutritional care model during COVID-19 to improve nutrition and hydration status for inpatients in Nightingale.

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Let's talk backs

Gillian Graham, clinical lead physiotherapist orthopaedic spine,

Mary Nickel, clinical lead physiotherapist orthopaedic spine, Diane Stewart, QI mentor spinal,

Kelly Carolan & Carmel Tierney, clinical team leads orthopaedics

Belfast Health and Social Care Trust

"Let's Talk Backs" was instigated and led by BHSCT physiotherapists in orthopaedics to improve communication with patients awaiting lumbar discectomy surgery. Service users were contacted by telephone and online survey and crucially, following discussion of current symptoms with a clinician, over 43% patients agreed they no longer needed surgery and were discharged. This highlights how communication with this cohort of patients is vital from a patient care perspective and ensures surgical waiting lists remains up-to-date, facilitating accurate service planning.

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THE CHAMBERLAIN DUNN AWARD FOR OUTSTANDING CONTRIBUTIONS TO PUBLIC HEALTH



WINNER

Escape from the smoking life sentence

Stephen McGarrigle, AHP Lead Healthcare in Prison and **Anita Doherty**, Advanced Practice Physiotherapist

South Eastern Health and Social Care Trust

Escape from the smoking life sentence is a smoking cessation service run by an Advanced Practitioner in Respiratory Physiotherapy across Healthcare in Prison, Northern Ireland. 82% of those in custody in Northern Ireland smoke compared to 20% in the general population. Chronic conditions caused by smoking are therefore over represented in prison. Supporting people to quit and stay quit is essential not just while they are in prison, but also beyond the gate. A period of custody is a critical time to effect positive changes in Public Health. It is a window of opportunity to empower people to make positive changes. As part of the respiratory service, all smokers over the age of 35 are screened for COPD, and receive brief intervention smoking cessation advice. This program, which incorporated independent prescribing, had a 32% success rate, significantly improving on the 15.7% rate reported in the community. Since its inception in July 2019 369 people have been through this program. Programs for government regularly have the reduction of

preventable deaths at their core, with smoking one of the largest causes. This project demonstrates how effective AHPs can be in delivering on this.

demonstrated the power of both collective leadership and empowering positive changes to changing the cultures around health behaviours. This project demonstrates the ethos and impact of these awards and that's why it was our winner.





FINALISTS



Glasses in classes

Alison Bruce, director of vision research and the team

Bradford Institute for Health Research and Bradford Teaching Hospitals NHS Foundation Trust

'Glasses in Classes' is the largest UK trial of a school-based health intervention. Inspired by clinical experience, the Chief Investigator (an orthoptist) collected and analysed epidemiological data and liaised with parents and teachers to design the relatively low cost intervention. It has the potential to improve children's educational attainment, impacting positively on their life chances. The Department for Education has recognised this and is funding five new pathfinder areas across England, with the future prospect of 'GiC' being rolled out nationally.

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Forgotten Feet

Deborah Monk, podiatrist, forgotten feet, Worcestershire

Forgotten Feet delivers a foot care service to those most in need and least likely to be able to access such treatment; this includes the homeless, socially isolated and vulnerable population. It is delivered in easily accessible places such as homeless centres and is currently manned entirely by volunteers. It is comprised of podiatrists and foot health practitioners with the service being free at the point of delivery.

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ACADEMY FOR HEALTHCARE SCIENCE AWARD FOR INSPIRING THE HEALTHCARE SCIENCE WORKFORCE OF THE FUTURE



WINNER

Danny Gaskin & Selma Turković, Biomedical Scientists & Patient Blood Management Practitioners Patient Blood Management Team, NHS Blood and Transplant, and Anas Nasir, Biomedical Scientist Viapath UK

The team developed an innovative, remote, cost-effective education group, free to access for newly qualified biomedical scientists, those new to transfusion science and students. The Biomedical Scientist **Empowerment and Discussion Group** (BMSEDG) aimed to address the need for an on-going programme of training, education and continuing professional development for early career healthcare scientists working in blood transfusion during the SARS-CoV-2 pandemic. Meeting monthly, a subject matter expert is invited to deliver a lecture on a pertinent area of blood transfusion, before opening the session for discussion between delegates and speakers. The curriculum considers key industry recommendations. The curriculum is also informed by users, adapting in response to feedback provided by attendees. As of November 2021, there have been 14 sessions. Membership of the BMSEDG has now reached over 1550 including healthcare scientists from across the United Kingdom as well as overseas. Operating remotely improves equity of access throughout the workforce. This initiative is innovative as the first specialism specific national group targeted at new qualified

scientists. The BMSEDG is now becoming embedded into standard Trust training and education programmes in blood transfusion laboratories demonstrating its strong

Management Team's innovation was beautiful in its simplicity and was able to demonstrate a clear impact to colleagues working within NHSBT, NHS and other Transfusion laboratories, which not only supports education of their colleagues, but also patient safety.

FIND OUT MORE Daniel.Gaskin@nhsbt.nhs.uk selma.turkovic@nhsbt.nhs.uk anas.nasir@nhs.net

FINALISTS



Primary care audiology team

Primary care practitioners

Swansea Bay University Health Board

The service has developed a parallel working model delivering a first contact hearing and tinnitus service along with an efficient and modern integrated wax removal pathway by introducing an Associate Practitioner to work alongside an Advanced Practitioner. It is the first of its kind in Audiology and an example of leading the way in the modern community health care setting. This service is an excellent example of the modern "Advanced Practitioner" role and enables them to work at the top of their clinical licence, making independent autonomous decisions whilst dealing with complex cases and preventing onward referrals in to secondary care.

Nicola.Phillips@wales.nhs.uk



Alastair Watson, senior clinical photographer and video lead and the clinical illustration team

The Royal Wolverhampton NHS Trust

The team created a series of interactive 360 Virtual Tours of several departments within the hospital to inspire future generations who may look for healthcare careers in the future. Students can click on the staff within the tours to find out more and discover the pathway to that particular role. Photo galleries, videos, links to external web pages are all incorporated into the tours in order to create a fully immersive experience.

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ACADEMY FOR HEALTHCARE SCIENCE AWARD FOR CLINICAL RESEARCH PRACTITIONER **LEADERSHIP**



WINNER

Angharad Williams, Clinical Research Practitioner

West Suffolk NHS Foundation Trust

Angharad is an enthusiastic, professional Clinical Research Practitioner and a passionate advocate for the CRP role. Her positivity and drive for the role of the CRP in research is boundless and she has an ability to bring others on board. She has a can-do attitude and inspires others to champion the role of CRPs in clinical research and she actively supports regional and national CRP

Angharad has raised awareness of her work, and of other CRPs, nationally. She contributed to local and national committees that champion the role and pushed for accreditation, inspiring others to be involved and responsible for the directory sign-ups regionally. In parallel, she delivers and champions NIHR research in her Trust. Alongside her team, Angharad works flexible shifts on COVID-19 positive wards in order to optimise recruitment to important COVID-19

Angharad engages others to support her in her day-to-day work and inspires other CRPs with her passion and commitment. She has an ability to ensure all voices are heard which led her to participation and attendance on CRP Steering groups. Over several years she has been the lead for the regional CRP steering group where she has co-developed and led two regional workshops for CRPs.

These sessions offered training opportunities where CRPs could develop helpful skills for their roles, such as resilience. Angharad has recently completed the NIHR Advanced Leadership Programme where she has further developed her leadership skills.

▲ Angharad showed real strength in her ability to promote and showcase the ways in which Clinical Research Practitioners can develop themselves to work at senior levels within organisations, as well as at a regional and national level. The judges thought that Angharad was a great role model, advocate, and ambassador for her profession, and as such would be a worthy winner of this award.

FINALISTS



Promoting inclusivity to ensure equitable research opportunities for all children and families

Nicola Phillips, clinical research practitioner

Manchester University NHS Foundation Trust

Nicola has a passion for ensuring that research opportunities are available to all of the children & families in the Greater Manchester region, actively seeking learning and development opportunities to enable her to support children with additional needs to take part in research studies. She has attended training to enable her to best support families with hearing impairments and with additional needs and collaborates & coordinates with academic and clinical research teams to ensure families are accommodated in research facilities that best suit their specific needs.

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CRP Competency steering group Clinical research practitioners

Guy's and St Thomas' NHS Foundation

Sarah Betts, Glen Nishku, and Cherry Paice have made an outstanding contribution to CRP professional development and research delivery at the Trust. They have demonstrated exceptional commitment and leadership within their teams, playing an active role in the steering committee for a CRP competency toolkit pilot at the Trust. They have advised on effective implementation of the project and supported colleagues across the Trust to take part.

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BIOMEDICAL SCIENTIST OF THE YEAR AWARD, SPONSORED BY THE INSTITUTE OF BIOMEDICAL SCIENCE

Institute of Biomedical Science

WINNER

Mobile Processing Unit Van Project (MPUVP)

Bamidele Farinre, Scientific Advisor Lab Validation and Quality Assurance

UKHSA

In her role as the Chief Biomedical Scientist for Mobile Processing Units Vans (MPUV) commissioned by the Department of Health & Social Care, Bamidele competently built and managed over 100 staff teams of scientists, associate practitioners, and laboratory assistants within a 7-month period of commencing her role. She took responsibility for their continuous development including creating a safe working environment for her team to thrive. Bamidele set up detailed SOPs for COVID-19 LAMP- RT and processes for performance tests, trained her team of Scientists and Associates, as well as developing a comprehensive train the trainer programme. She established the competency assessment framework, led the implementation of the IT LIMS system, and established a KPI monitoring regime all within the MPUV project. Furthermore, Bamidele was instrumental in leading, designing, and implementing the June Almeida Laboratory based in the Franklin Wilkins Building, Waterloo, London as a collaborative project between Kings College London and Viapath Analytics LLP. She ensured that good laboratory processes and

training were embedded throughout the project.

As a versatile scientist, Bamidele has featured on many platforms and her commitment to Biomedical Science is evidenced by nominations to several awards. She has authored several IBMS articles, the Pathologist Magazine, Inspiring the Future, and also featured in the Tara Binns case studies project with The WISE Campaign.

Bamidele is a member of the IBMS Virology Advisory Panel group that foresees the setting of Congress Scientific Programmes and updating the IBMS qualifications amongst other important roles. She is an IBMS CPD officer, Freedom to Speak Up Ambassador, WISE campaign role model for 'My Skills My Life', Mentor, British Science Association (BSA) Crest award Assessor, and Inspiring the Future STEM Ambassador. Addey and Stanhope school representative said, "I can sincerely say you made a difference to their lives which you may never see, and you should be congratulated for your selfless action."

FINALIST



Shahid Nazir Muhammad, academic and chartered scientist

The Renal Patient Support Group

Shahid is a Specialist Biomedical Scientist, an Academic Scientist, member of the Healthcare Professions Council (HCPC), a Fellow for the Institute of Biomedical Sciences (FIBMS), and Chartered Scientist under the Science Council (CSci). Shahid co-founded the Renal Patient Support Group (RPSG) in (2009) which is an evidence-based support group for patients and carers in chronic kidney disease (CKD); the platform has expanded internationally as the 'go to' space surrounding kidney care, science, and research. Shahid's expertise to advance science practices is exemplary where the RPSG is an innovative model for shared decision-making, passion, and commitment to patient care. Shahid has represented science globally and has looked to ensure scientists could be more inventive around frontline practice, where health education is concerned.

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AHP CLINICAL LEADERSHIP AWARD SPONSORED BY ATTEND ANYWHERE AND INDUCTION HEALTHCARE





Fiona Hegarty, acute dietetic team Lead

Northern Health and Social Care Trust

Fiona is an exceptional dietitian and leader. In twenty years of unbroken service, she has been committed to building a working environment that promotes leadership at all levels regardless of banding. She is passionate about increasing the profile of dietetics throughout the multidisciplinary team. Fiona was redeployed from her community role in 2020 to provide cover in ICU and then became acute dietetic team lead. She lifted staff morale by helping the team reset and refocus. She believes a happy team is central to a productive team. She leads from behind, taking the team with her in her vision.

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Carol Melton, ultrasonagrapher

Illumina Diagnostics

Carol has led NOUS services across Northern Lincolnshire for over 20 years; starting in the hospital, transitioned to General Practice and now delivering a leading edge Sonographer led service. She is driven to improve outcomes, experience and efficiencies for patients and staff alike. She leads a team which includes Sonographers, Hospital Consultants from different specialities, GPs and Physiotherapists, bringing unique experience and advice to the Northern Lincolnshire Community Diagnostic Centre project team helping to develop and deliver their transformational plan.

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WINNER

Simon Lovett, Deputy AHP Lead Great Western Hospitals NHS Foundation Trust

A physiotherapist by profession, Simon works incredibly hard to support every AHP across the organisation - both in the acute hospital and in the community – and always leads from the front. He makes a personal effort to drive forward good work taking place, personally going above and beyond to raise awareness of every AHP role and has a real vision for the organisation which is made clear through his visibility and involvement amongst more junior members of his team.

Simon has supported a number of initiatives specifically designed to support COVID-19 patients. At the start of the pandemic, he joined forces with social care services to rapidly bolster the Trust's community services in order to support patients. Simon worked alongside colleagues from across the heath, social, charitable and private sectors to provide a seven-day service. This new service helped clinical teams in the acute hospital discharge patients - at the height of the pandemic, there was a reduction in bed occupancy of 50% as a result of the discharge

Simon is committed to developing and delivering a workforce strategy for AHPs that will put them at the forefront of the local

FIND OUT MORE

integrated care system. Part of Simon's role will focus on the development of a new Rehabilitation Centre on site, with an ambition to be a Centre of Excellence. Simon's many years as an AHP put him in good stead to lead on the development of this rehabilitation agenda. Simon is already looking at ways to introduce some of the clinical model – including different patient pathways for dedicated rehab - into the current hospital environment.

C There was an inclusivity in his leadership style, where the importance of conversations, and hearing other views was central. This had allowed many of the internal challenges to be overcome.



Advancing healthcare awards

INSTITUTE OF PHYSICS AND ENGINEERING IN MEDICINE AWARD FOR INNOVATION IN HEALTHCARE SCIENCE

Institute of Physics and Engineering in Medicine

WINNER

National New Born SCID Screening Evaluation

Dr Kimberly Gilmour, Consultant Clinical Scientist in Immunology
Dr Stuart Adams, Principal Clinical Scientist in Haematology
Adeboye Ifederu, Chief Biomedical Scientist in Newborn Screening
Great Ormond Street Hospital for Children NHS Foundation Trust

Severe Combined Immunodeficiency (SCID) is a primary immunodeficiency which is fatal in the first year of life if left untreated. This team launched a national SCID new-born screening service expected to significantly increase the 40% survival rate of SCID. In 2009 it was realised that TRECs testing for SCID could be adapted to use on Guthrie cards - the heel prick blood spots taken in the early days of life on all newborns. Led by Kimberly Gilmour and Stuart Adams at GOSH a small retrospective study was carried out on archived Guthrie Cards from babies known to have SCID. At the same time the teams at GOSH published a paper showing the survival benefit to early diagnosis of SCID - 40% survival vs almost 100% survival if NBS was introduced. From 2010 until 2015 a campaign was spearheaded by Kimberly and Stuart, requiring open dialogue with the UK NBS Committee, Stakeholder group development (including families of babies with SCID) visits to Parliament, test development in conjunction with partnerships in industry and numerous other ventures. In 2015 the UK NBS Committee agreed to develop a

nationwide pilot for SCID NBS using TRECs testing and, in September 2021, this commenced in 6 NBS labs (including GOSH), on over half the newborns in the UK each year. The first SCID baby was identified in October 2021 and is currently receiving a BMT in Newcastle. We anticipate dozens of lives will be saved going forward.

This project ticked all of the boxes for this award: innovation, collaboration, pathway improvement and leadership for clinical change. They have gone above and beyond, demonstrating global life saving impact, but also acting using scientific endeavour to inspire others and change mindsets about what can be achieved.



FINALISTS



Co-designing with the end-user to develop personalised aids of daily living

Jonathan Howard, clinical scientist, and the team

Swansea Bay University Health Board in collaboration with Swansea University

This innovative, Clinical Scientist led, pathway produces personalised assistive technology to overcome challenges of daily living through co-designing solutions collaboratively with the end users. Utilising computer aided design and manufacturing, it creates simple, customisable solutions to enable greater independence, improve health and wellbeing and reduce assistive technology abandonment.

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SPECT Myocardia coronary flow reserve: establishing the UK's first routine service

Robin McDade, advanced specialist clinical technologist, Craig Paterson, consultant physicist, and the team

Nuclear Cardiology / Glasgow Royal Infirmary

Robin McDade and the team have successfully established the UK's first routine Single Photon Emission Computed Tomography (SPECT) Coronary Flow Reserve service. Historically CFR measurements have only been possible in highly specialised research settings therefore, establishing a SPECT CFR service has been critical in giving clinicians in the West of Scotland an additional tool to aid with the assessment of diagnostically complex cardiac patients.

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BRITISH ASSOCIATION FOR MUSIC THERAPY AWARD FOR MUSIC THERAPISTS WHO ARE DEVELOPING INNOVATIVE WAYS OF PROVIDING **EFFECTIVE MUSIC THERAPY**

WINNER

Duet Portal - Innovation in digital and blended music therapy approaches

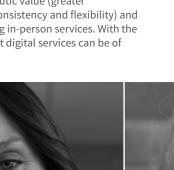
Irene Lo Coco, Neurologic Music Therapist and Applied Music Tech Lead Chiltern Music Therapy, Rebecca Atkinson, Researcher, Brighton University, and Elizabeth Nightingale, Neurologic Music Therapist and Neuro Services Lead, Chiltern Music Therapu

Duet is an innovative digital tool that enables therapists and clients to share resources in a secure, one-stop repository resembling the therapeutic space in a digital manner. Duet allows beneficiaries to access therapy resources in between sessions in a more consistent and flexible way, mitigating isolation and enhancing therapeutic outcomes.

Between July-Dec 2021 a study was conducted by Chiltern Music Therapy in collaboration with Cambridge Institute for Music Therapy Research and funded by the Centre for Acceleration of Social Technology and Peter Sowerby Foundation exploring the effects of digital music therapy and the impact of Duet, a digital music therapy portal to engage with music therapy services online. This study demonstrated that although introduced as a response to an emergency situation, digital music therapy could provide added therapeutic value (greater accessibility, consistency and flexibility) and complementing in-person services. With the knowledge that digital services can be of

huge benefit by connecting communities worldwide, the project focused on the development and implementation of an easy to use repository of personalised therapeutic resources for beneficiaries. In order to achieve an optimally-accessible, userfriendly and secure portal, iterative feedback and evaluation from therapists, beneficiaries and family/care-givers, gathered in the form of weekly check-ups, 1:1 support, case studies, interviews and surveys has been fundamental to this project. A total of 37 therapists and beneficiaries introduced Duet in their music therapy practice and participated in the project, using, testing and providing experience feedback along the

Truly ground-breaking and innovative project which utilised service user involvement from start to finish.









FINALISTS



The rhythmic breath: music therapy for long covid

Amelia Clapham and Katie Bolger

Ace Music Therapy CIC

The Rhythmic Breath is a music therapy group for people experiencing symptoms of Long Covid, which include breathlessness, pain, fatigue, anxiety, depression and feelings of loss. Ace Music Therapy CIC is one of few places in the UK where people can share and explore feelings about their invisible illness through music. During the 12 week pilot, out of 12 people, 7 have returned to work or have taken positive steps to make changes to their working hours to help manage their condition.

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Music therapy at Southampton virtual school

Anna Tyrrell, music therapist Nordoff Robbins

This on-line music therapy service is open to all school-aged care-experienced children and young people looked after by Southampton Virtual School. In addition to individual sessions an online choir group was developed where the children can meet others in a safe, online format to sing together. A recent service evaluation highlighted the work's value in helping build key life skills such as communication, confidence and self-assurance, and improving behaviour in school.

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Rising Star Award Sponsored by Chamberlain Dunn



creative & events

These are our 2022 rising stars



Emma Rowett, Specialist Orthoptist, Warrington and Halton Hospitals NHS Trust

is an active team member who strives to improve patient experience and always goes above and beyond to support peers and patients.

emma.rowett@nhs.net



Mollie Riley, Research Respiratory Physiologist, Great Ormond Street Hospital for Children NHS Foundation Trust

who is helping to progress the role of respiratory physiologists by becoming a research respiratory physiologist studying for a PhD in the first physiologist led research project in the service.

Mollie.Riley@gosh.nhs.uk



Stephanie Fleet, Clinical Lead Occupational Therapist, Think Therapy 1st

who strives to provide excellent therapy based on robust evidence, embracing challenge and continuously strives to develop, breaking down barriers along the way.

Steph@thinktherapy1st.co.uk



Rhiannon Reid, Physiotherapist, South Eastern Health and Social Care Trust

who sees the bigger picture – stepping up to support the work of teams other than her own, advocating for patients and demonstrating the values of an excellent future clinician and leader.

rhiannon.reid@setrust.hscni.net



Emily McCabe, Clinic Manager and Hearing Aid Audiologist, Amplifon Ltd

who strives for excellence, always interested in adopting new methods of learning and practices that will positively effect her clients' quality of life. emilv.mccabe@amplifon.com.



Emma Speares, Clinical Specialist Physiotherapist, South Eastern Health and Social Care Trust

who is always willing to be flexible and help other staff members. She has embraced every change and new challenge, and transfers skills easily from one area to another, always seeking to further her own knowledge and share it with others.

Emma.Speares@setrust.hscni.net



Tasnim Mohammed, Senior Clinical Research Practitioner, Manchester Royal Infirmary

who has a big personality matched by an even bigger heart. Whilst managing a hefty workload excellently, she always finds time to help others in her team. She has many talents that go beyond being a skilled and compassionate healthcare professional.

Tasnim.Mohammed@mft.nhs.uk



Arnold Awuah, Biomedical Scientist, Great Ormond Street Hospital for Children NHS Foundation Trust

who has developed from a quiet student to a scientist with the confidence to present his COVID work to an audience of more than 200 scientists and clinicians. Arnold is constantly learning and horizon scanning to implement new tests for patient benefit.

Arnold.Awuah@gosh.nhs.uk



Ainhi Mac, Clinical Research Practitioner, The Christie NHS Foundation Trust

who is efficient and organised and her communication skills are sensitive, clear and adaptable. As the first Oncology based CRP she has firmly established the role and and her contribution is a credit to research.

ainhi.mac@nhs.net

THANK YOU TO ALL OF OUR JUDGES

Elaine Cloutman-Green Joint Trust lead, healthcare Scientist, Great Ormond Street Hospital

Jonathan Cousins-Booth Director of Education and Professional Affairs, BAMT

Nicola Morar Programme Lead, NHS Employers

Natalie Wong, Senior Programme Officer, NHS Employers

Lisa Hughes Workforce Programme Manger, NHS South, Central and West

Paula Tacchi Learning manager, NIHR

Kate Cropper Music therapist, referrals manager, NMT certified, Chroma

Pip Ford Former public affairs and policy manager for Wales, Chartered Society of Physiotherapy

Hedley Glencross Advanced specialist biomedical scientist, Portsmouth Hospitals NHS Trust

Jonathan Godsall Dramatherapist and clinical director, NMT qualified, Chroma

Jo Horne Consultant healthcare scientist, University Hospital Southampton NHS Foundation Trust

Katrina Kennedy Associate director, AHPs, Hampshire Hospitals NHS Foundation Trust

Claire Marshall Experience of Care Lead, Acute Care, Experience of Care Team, NHS England, NHS Improvement

Professor Suzanne Martin Chief Allied Professions Officer, Northern Ireland

Jenny Keane National Director Hospital Discharge & Rehabilitation NHS England

Rachael Moses Consultant respiratory physiotherapist, Head of Clinical Leadership Development, NHS Leadership Academy and President of the British Thoracic Society.

Fiona O'Neil Head of registration services: clinical research practitioners, Academy for Healthcare Science **Grahame Pope** Former head of physiotherapy and rehabilitation, University of Nottingham

Dee Ripley Deputy chief scientific advisor (health), Welsh Government

Malcolm Robinson Founder, Harvey's Gang

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Andrew Langford Chief Executive, British Association for Music Therapy

Nigel Coles Council member, IBMS

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John Stevens Chair, Academy for Healthcare Science

Aimee Rodes, Immunology and Protein Reference Unit Mangaer, South West London Pathology **Helen Jones** Lead Nurse for Clinical Research Workforce, Imperial College Healthcare NHS Trust