



2019 NHS Healthcare Science Awards

The Winners



CSO Shirley Fletcher Apprenticeship Award

Mrs Mandy Scott and the Yorkshire and Humber Healthcare Science Apprentice Implementation Group

Learning and Development Manager, Sheffield Teaching Hospitals NHS

As a regional group of Healthcare Science Service leads from all Trusts across the Yorkshire and Humber region, the group agreed an implementation plan for level 2,4 and 6 apprenticeship programmes in healthcare science across the region.

Their work has ensured that high quality education providers, working alongside Healthcare Science specialists from all areas of the profession, can deliver apprenticeship to enable existing staff to follow an established career progression route.



Excellence in Workforce Development

Sue Fergy, Ruth Thomsen, Anne Benson, Sue Nash, Kathleen O'Sullivan Kevin Wyke, Paul O'Neil, Ela Bardan, Fiona Fiorentino

Practical Skills for Professional Education and Leadership in Healthcare Science Programme

PSEL support healthcare professionals to be curious about the potential for transformational change both within themselves and their teams. The programme is an innovative approach which encourages individuals to turn that curiosity into real, meaningful changes to encourage and grow leadership skills.



Excellence in Health Research and Innovation

Maria Paton, John Gierula, Judith Lowry

Cardiac Physiologist Clinical Researchers, Leeds Teaching Hospitals NHS Trust

The group are a unique team of cardiac scientists carrying out independent research to improve the lives of patients by personalising how we programme devices such as pacemakers and exploring new therapies. Their collaborations have enabled them to be involved from design, all the way to internationally disseminating the results of innovative scientific research that can make a real difference to patients immediately.



Healthcare Science Partnering Patients and Citizens Award

Dr Elaine Cloutman-Green and Nicola Baldwin Healthcare Science Collaborative Writing Project

Trust Lead Healthcare Scientist, Great Ormond Street Hospital.

The Healthcare Science Collaborative Writing Project is an innovative co-creation of the content of a drama based on the lived experiences of both Healthcare Scientists and patients. It focuses on using their stories to discuss important topics, such as isolation of patients and how scientists impact on the patient pathway.



Excellence in Healthcare Delivery Award

Dr. Warren Fawley

Scientific Lead for Clostridium difficile Ribotyping Network for England and Northern Ireland (CDRN), Public Health England

Warren's research and service development work has centred around healthcare-associated infection, mainly the epidemiology and typing of *Clostridium difficile*. He was instrumental in establishing the *Clostridium difficile* Ribotyping Network for England and Northern Ireland (CDRN) for which he is Lead Scientist.



Excellence in Healthcare Quality Award

Dr Debra Balderson

UHB HCS Education, Workforce & Diagnostics Accreditation Lead, UHB NHS FT (QEHB)

The significance of this achievement for UHB/UKAS is that it is the first successful whole trust accreditation project in the UK. The team is now able to support the other physiological departments of the recently enlarged UHB trust, one of the biggest in Europe, and other Trusts, wishing to achieve UKAS accredited.



Excellence in Improving Outcomes for Patients

Dr Timothy McDonald

Consultant Clinical Scientist, Royal Devon and Exeter NHS Foundation Trust

The impact of Tim's research is evidenced by more than 60 publications, being invited as a clinical expert on both a NICE DAR and a CSO Academy of Medical Sciences round-table on precision medicine in the NHS.



Healthcare Science Contribution to Public Health

Dr Tom Fowler

Deputy Chief Scientist, Genomics England

A genetic researcher by background, Tom has become increasingly interested in how you implement evidence in practice. What he really cares about is how to take science and make it work for people in the real world.



Healthcare Science Rising Stars

Sofia Kordolaimi

Radiotherapy Physics, Nottingham University Hospitals NHS Trust

Sofia played a key part in the protocol development and introduction of new innovative radiotherapy treatment in Nottingham. Patients benefit from shorter treatment times and reduced intra-fraction variation.



Dr Stefan Piatek

Great Ormond Street Hospital, Bioinformatics Trainee

Stefan's ongoing work detecting copy number variants has enabled evidence based confidence in results, saving both save time and money. With the limited resources available and the numbers of tests only increasing, Stefan's service development and multi-centre collaboration has the potential to offer diagnosis for a greater number of patients.

Healthcare Scientist of the Year Award

Dr Sandi Deans

Sandi Deans is the National Laboratory and Scientific Lead within the NHS England Genomics Team providing scientific oversight and leadership to support the delivery of the NHS National Genomic Medicine Service and the NHS contribution to the 100,000 Genomes Project.

Sandi has been awarded Healthcare Scientist of the Year for her work building an international reputation in the delivery and assessment of a wide range of molecular and genomic technologies in modern healthcare. Sandi is a Consultant Clinical Scientist whose personal and professional commitment to quality, safety and comparability has been at the heart of her career journey – driving the improvement of laboratory services across the NHS for patient and service benefit.



Healthcare Science Lifetime Achievement Award

Professor Mark Tooley FREng

Mark is the President of the Institute of Physics and Engineering in Medicine, He was the Head of Medical Physics and Bioengineering, and the Director of Research and Development at the Royal United Hospitals in Bath until he retired in 2017. His career has been totally in the NHS, working in Medical Physics & Bioengineering. Mark is a Consultant Clinical Scientist, a Medical Technologies Consultant, an Honorary Professor with the University of Bath and a Visiting Professor with the University of the West of England.



Healthcare Science Lifetime Contribution Award

Vivienne Parry OBE

A scientist by training, Vivienne Parry is a continual flag waver for NHS Healthcare Scientists and is their self-confessed 'biggest fan'.

Vivienne hosts medical programmes for Radio 4, writes widely on health, presents films, facilitates many high-level conferences and debates and trains young researchers. She also has a part time role as head of engagement at Genomics England which is delivering the 100,000 Genomes Project. In September 2017 she was appointed to the board of UK Research & Innovation.

