



For **Claire Greaves, Chief Scientist and Clinical Lead for the Science and Technology Pathway, Nottingham University Hospitals**, Fellowship recognises a high standard of knowledge and experience, and a significant achievement and contribution to medical physics and clinical engineering. Fellowship is important as it sets a high standard of professional practice/achievement which demonstrates parity with other professions and enhances the role and reputation of scientists in healthcare. Fellowship is also important because it provides IPEM with a group of senior scientists who can inform the strategic direction of the Institute and of Healthcare Science more broadly.

After completing a degree in Physics with Medical Physics, Claire started her career as a Nuclear Medicine Technologist before getting a post as a Physicist in Reading and completing her MSc in Radiation Physics. Claire's career progressed as she worked in Nuclear Medicine in Sheffield and Guildford before moving to Leicester to take up a Consultant Scientist post leading the Nuclear Medicine service.

Claire then became Head of Medical Physics in Leicester and completed an MSc in Leadership for Health and Social Care. Following that she moved to take up a post as Head of Medical Physics and Clinical Engineering in Nottingham University Hospitals and has since been appointed to the position of Clinical Lead for their Science and Technology Pathway (comprising Bowel Cancer Screening, Evoked Potentials, Clinical Engineering, Radiation Physics, Radiotherapy Physics, Nuclear Medicine, Medical Photography, Clinical Neurophysiology, and Sterile Services) and given a Trust-wide position as the first NUH Chief Scientist.

Over her 30 years within Medical Physics and Clinical Engineering, Claire has been active in research, innovation, and service transformation, published in a range of peer-reviewed journals, written book chapters and edited an IPEM report. Claire's main research interests have been in Nuclear Medicine in relation to radiation protection of staff, patients and carers. Claire has collaborated with colleagues in other trusts, academia and industry and developed novel technologies to support Nuclear Medicine. Outside Nuclear Medicine, she has had an interest in service improvement and used lean principles and innovative practices to bring about dramatic reductions in waiting times for Nuclear Medicine cardiac imaging, improvements in performance in clinical engineering and cost savings.

In 1999 Claire joined the IPEM Nuclear Medicine Special Interest Group (NMSIG) and later took on the role of Secretary. At the time, the SIG were active in consulting over the original IRMER 2000 regulations and the Medical and Dental Guidance notes.

Towards the end of her term of office, Claire was appointed to the ARSAC committee and, subsequently, the ARSAC working party. In 2008 she became a member of the BNMS Professional Standards Committee (and later the Chair) and a member of the BNMS council. As a scientist on these multi-professional committees many aspects of her work overlapped with IPEM NM activities and involved liaison with the NMSIG representatives. For example the BNMS position statement on scientific staffing in Nuclear Medicine.

Prior to the introduction of the National School, Claire supported IPEM as an examiner for Nuclear Medicine, an external examiner and regional training advisor. More recently, she has supported the National School recruitment process.

Claire was the editor of the IPEM Report 100 Mathematical Techniques in Nuclear Medicine and a chapter author for IPEM Report 109 Radiation Protection in Nuclear Medicine.

Claire recently joined the Academy of Healthcare Scientists Scientific Advisory Group (as a BNMS representative) to support the work on the ICEPPs standards, chairing the Nuclear Medicine working group (which included IPEM members) and compiling the NM standards. Claire has also been part of a BSI committee developing standards for scientific services (BS7000) and is now a Technical Advisor to UKAS supporting the role out of accreditation for Medical Physics and Clinical Engineering services.