

## Liz AINSBURY



Professor Elizabeth (Liz) Ainsbury is a Ph. D. physics graduate with over 20 years of experience as a Radiation Protection Scientist. Liz spent the first part of her career as at the UK Health Security Agency (and predecessor organisations), developing techniques in retrospective dosimetry for routine and emergency response purposes, and investigating non-cancer radiation effects, in particular radiation associated cataract. During this time, Liz was also actively involved in radiation and wider public health emergency preparedness and response. Liz has recently moved to AWE Nuclear Security Technologies to take up the post of Science Authority: Radiation Protection and Regulatory Science, to oversee the strategic programme for radiation protection research and operationalisation.

Liz has participated in many national and international collaborative research projects over the years, including as PI for the EU CONCERT funded project 'LDLensRad' project investigating mechanisms of radiation induced cataracts and as a member of the Home | The European Partnership for Radiation Protection Research (PIANOFORTE) Executive Board. Liz retains an honorary contract with UKHSA in order to continue to lead the NIHR Health Protection Research Unit in Radiation Threats and Hazards for UKHSA, and holds an Honorary Professorship at Brunel University of London Department of Biosciences. Liz has presented at numerous scientific conferences and meetings, including giving invited talks, and has contributed to over 140 peer-reviewed publications. She is a contributing editor for several high profile international peer-review journals within the fields of radiation protection research.

Liz has supervised a number of successful Ph. D. projects and regularly lectures on a number of courses at UK and EU Universities, including leading a module on the Oxford University Radiation Biology MSc. Liz's current committee contributions include leadership of the UNSCEAR Expert Group on Radiation Effects on the Eye, ICRP Committee 1 (Scientific Secretary) and Task Groups 123 and 118, ISO TC 85 SC2 Working Groups 18 and 25, US National Council on Radiation Protection and Measurements Subcommittee 1-23: Guidance on Radiation Dose Limits for the Lens of the Eye. Liz is a Member of the Institute of Physics (MInstPhys), the Society for Radiation Protection and the Association for Radiation Research.

In 2019, Liz was awarded the International Commission on Radiological Protection's Bo Lindell Medal for Promotion of Radiological Protection. In 2014, Liz received the MELODI Young Researcher Award for multidisciplinary EU low dose radiation research and in 2007 Liz received the inaugural Institute of Physics Very Early Career Woman Physicist of the Year Award for research and outreach activities encouraging young people to study physics.