



## *International Commission on Radiation Units and Measurements, Inc.*

April 2, 2025

### **25th Gray Medal Recipient: Dr. John Harrison**



On March 19, 2025, during the celebration of the 100th anniversary of the International Commission on Radiation Units and Measurements (ICRU) in London, Dr. John Harrison was awarded the Gray Medal in recognition of his outstanding contributions to radiological protection, particularly in internal dosimetry.

Dr. John Harrison is a distinguished expert in radiological protection. He began his career at the National Radiological Protection Board (NRPB) in 1974, following a Ph.D. in Biochemistry from the University of London. Over the years, he has held key leadership roles, including Head of the Radionuclide Effects

Group, Head of Dose Assessments Department, and later Deputy Director for Research at the Centre for Radiation, Chemical and Environmental Hazards (CRCE), now part of Public Health England (PHE).

Dr. Harrison has made significant contributions to the field through his involvement in international and national committees. He was the UK Representative for UNSCEAR (United Nations Scientific Committee on the Effects of Atomic Radiation) and played a crucial role in the European FP7 SOLO research project, investigating health effects of radiation exposure in the Southern Urals. Additionally, he has been a key figure in the International Commission on Radiological Protection (ICRP), serving as Chair of Committee 2 and a member of the Main Commission. He has also been an active member of multiple ICRP task groups and continues to contribute as a member of one of them.

His extensive work on radiation risk assessment, dose-response relationships, and the impact of radionuclides has shaped policies and research worldwide. As a member of the UK Department of Health's Committee on Medical Aspects of Radiation in the Environment (COMARE) and an editorial board member of the Journal of Radiological Protection, Dr. Harrison's influence continues to extend across scientific and regulatory domains.

In addition to his roles in various organizations, Dr. Harrison has been actively involved in academia. He is a Visiting Professor in the Faculty of Health and Life Sciences at Oxford Brookes University, where he supports student projects on radiation exposure risks and their management. His research background includes biokinetics, dosimetry, and the effects of radionuclides.

Dr. Harrison's extensive publication record includes numerous research works. His ongoing commitment to the field ensures that his work continues to influence radiological protection practices and policies globally.