

# Shaping our CARBON-FREE FUTURE

#GAINCarbonFree



**Andrew Worrall**

Idaho National Laboratory  
GAIN Deputy Director

Andrew has more 27 years of professional experience in the United Kingdom and the United States working on and leading multi-disciplinary and multi-national projects in the fields of reactor physics, fuel and core design, plutonium disposition, fuel development and fuel cycle strategy (technical, economics, and safeguards).

He received his Bachelors in Physics from Lancaster University, UK in 1992 and his Masters in the Physics and Technology of Nuclear Reactors from the University of Birmingham, UK, in 1993. In 2012, Andrew joined Oak Ridge National Laboratory where he is a Section Head, and the Deputy Director of the Gateway for Accelerated Innovation in Nuclear (GAIN), a U.S. Department of Energy Office of Nuclear Energy initiative. In December 2014 the U.S. Department of Energy appointed Andrew as the Laboratory Lead Coordinator for nuclear energy research programs with the UK.

Andrew is a Chartered Physicist (CPhys), a Fellow of the Institute of Physics (FInstP), and formerly a Royal Academy of Engineering Professor of Nuclear Engineering in the UK. In January 2021 Andrew, as part a multi-laboratory project, was awarded the U.S. Secretary of Energy's Achievement Award for addressing a grand challenge in the safeguarding of nuclear material is characterizing commercial spent fuel assemblies.