

Phil Waywell

Dr Phil Waywell trained as a chemist at undergraduate level and then moved to work across the Physical Science/Life Science interface as a member of the EPSRC-funded White Rose Doctoral Training Centre. During his doctoral studies, he collaborated with colleagues from several disciplines, including: structural biology; molecular biology; synthetic inorganic chemistry; synthetic organic chemistry; and theoretical physics. That experience of interdisciplinary working has subsequently shaped his onward career. Following the completion of his doctoral studies, he joined The University of Sheffield to work as a cross-cutting Research Manager within the Faculty of Science. Within this role he has managed several multidisciplinary research projects that have spanned the fields of science, social science and the arts. These projects have each shared the common goal of developing solutions to challenges that currently face society. These challenges range from the chronic shortage of clean water and sanitation across vast swathes of the developing world to the worsening problem of poor air quality within the world's rapidly expanding urban centres. When considering the solutions to these challenges, he draws upon the scientific principles from his training and combines these with new skills acquired through collaboration with colleagues from the social sciences, humanities and arts. More recently, he has also been working as a Scientific Consultant at London College of Fashion. Reporting directly to the Head of College and working alongside senior research staff, he advises of matters relating to interdisciplinary teaching and research.