

A3-12

Chemistry's role in building a fairer, safer, and more sustainable world

Dr Andrew Shore (RSC)^{1*}

Public trust in science, and in chemistry, has never mattered more. From the materials we use to the medicines we take, chemistry underpins many of the solutions the world needs. But how the public sees chemistry affects everything from education and careers to public policy.

This talk explores the role of chemistry in society today, and the responsibility of the chemical sciences to serve the public good. Ethical questions increasingly shape both research and regulation, especially in areas such as chemicals policy and sustainability. Chemistry cannot be separated from the values of the society it serves.

The Royal Society of Chemistry is working to ensure that the benefits of chemistry are widely felt, and that the chemical sciences contribute meaningfully to the UN Sustainable Development Goals. This includes our work on chemicals regulation, support for ethical practice, and a commitment to global equity in science.

We are supporting greater participation from the Global South through initiatives such as the Pan Africa Chemistry Network and our programmes for early career researchers. More broadly, we are working to make chemistry more inclusive across many dimensions – including gender, ethnicity, disability, and socioeconomic background – through research, partnerships, and direct action.

Chemistry can be a powerful force for positive change, if it is shaped with care, collaboration and conscience.

PROFILE

Dr Andrew Shore (Royal Society of Chemistry, Senior Programme Manager, International Engagement)

Andrew is an environmental scientist and geochemist. After completing his BSc in Environmental Sciences at University of East Anglia in 2005, Andrew moved to University of Leicester for a PhD in selenium isotope geochemistry. He spent time at University of Illinois Urbana-Champaign (UIUC) during his academic studies.

Andrew joined the Royal Society of Chemistry as a Publishing Editor in 2010 and primarily worked on the inorganic journal portfolio. In 2015, Andrew became Executive Editor of *Dalton Transactions*, *CrystEngComm*, *New Journal of Chemistry* and *RSC Advances*. As Executive Editor, he oversaw the conversion of *RSC Advances* to one of the largest open access chemistry journals in the world and increased publication frequencies for *CrystEngComm* and *New Journal of Chemistry*.

Andrew is currently the Senior Programme Manager, International Engagement. His responsibilities include managing the Pan Africa Chemistry Network, engaging with EuChemS and IUPAC, on behalf of the RSC, as the member society and UK national chemical organisation, and leading the RSC international engagement activities with our global network of partner chemical societies. Finally, he leads the work of the Commonwealth Chemistry Secretariat.

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