

Karen Faulds is a Professor in the Department of Pure and Applied Chemistry at the University of Strathclyde and an expert in the development of surface enhanced Raman scattering (SERS) and Raman techniques for novel analytical detection strategies and in particular multiplexed bioanalytical applications. She has published over 130 peer reviewed publications and has filed 5 patents. She has been awarded over £20M in funding as principal and co-investigator from EPSRC, BBSRC, charities, industry and governmental bodies. Her Groups research has been recognised through multiple awards including the *Nexus Young Life Scientist of the Year Award* (2009), Royal Society of Chemistry (RSC) *Joseph Black Award* (2013), *Craver Award* (2016) and *Charles Mann Award* (2019). She is a Fellow of the Royal Society of Chemistry (2012), the Society for Applied Spectroscopy (2017) and the Royal Society of Edinburgh (2018). She was named one of the Top 50 Women in Analytical Science (2016) and Top 10 Spectroscopists (2017) by The Analytical Scientist. She has given over 80 invited talks at national and international conferences.

She was elected as the first female and youngest Chair of the Infrared and Raman Discussion Group (IRDG) in 2014 which is the oldest spectroscopic discussion society in the UK and a FACSS member society. She is also an appointed member of the Royal Society of Chemistry (RSC) Chemical Biology Interface Division Council and a member of the International Steering Committee of the International Conference on Raman Spectroscopy (ICORS). She is the Strathclyde Director of the EPSRC and MRC Centre for Doctoral Training in Optical Medical Imaging joint between the Universities of Edinburgh and Strathclyde, serves on the editorial board of *RSC Advances* and the editorial advisory board for *Analyst*, *Chemical Society Reviews* and *Analytical Chemistry*.