

Charlotte K. Williams OBE FRS is a Professor of Inorganic Chemistry, EPSRC Established Career Research Fellow and Head of Research Chemistry at Oxford University. Her research interests span catalysis, polymer chemistry and sustainable chemistry. Research highlights include the development of low pressure carbon dioxide copolymerization catalysts, investigations of switchable catalysis, stereoselective lactide polymerization catalysts, colloidal nanocatalysts for carbon dioxide hydrogenation to methanol and production of sustainable plastics, elastics and adhesives. She has supervised >30 PhD students and >50 postdoctoral researchers; >20 group alumni are now in independent academic positions globally. From 2003-2016, she was a Chemistry faculty member at Imperial College London. She worked as a postdoctoral researcher at Cambridge University (2002-03, Andrew Holmes FRS and Sir Richard Friend FRS) and at the University of Minnesota (2001-02, William Tolman and Marc Hillmyer). She obtained her BSc (1998) and PhD (2001) from Imperial College London, the latter supervised by Vernon Gibson FRS and Nick Long. Her work has recently been recognised by election as a Fellow of the Royal Society (2021), the Royal Society of Chemistry Tilden Medal (2021), an OBE from Queen Elizabeth II for Services to Chemistry (2020), Macro Group UK Medal (2019), DeChema Otto Roelen Catalysis Medal (2018), Sir John Meurig Thomas Medal for Catalysis (2017), the Royal Society of Chemistry Corday Morgan Medal (2016).