

Professor J. A. Gareth Williams

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- Studied chemistry at the University of Oxford; masters research with Prof. Malcolm L. H. Green on organo-tungsten chemistry.
- PhD at the University of Durham with Prof. David Parker on lanthanide coordination chemistry and excited states.
- Post-doctoral work at Université Louis Pasteur, Strasbourg with Prof. Jean-Pierre Sauvage (Nobel Laureate 2016) on photoinduced electron transfer in metal-assembled porphyrin dyads.
- Appointed to a lectureship at Durham University in 1998, where he is has been a full professor since 2012.
- He has wide-ranging research interests that embrace both synthetic chemistry and optical spectroscopy, including:
 - the coordination and organometallic chemistry of platinum group metals and their light-emitting properties, particularly with regards to applications in OLEDs;
 - the application of phosphorescent metal complexes to time-resolved bio-imaging;
 - the development of biocompatible ligands with improved selectivity for Mg^{2+} over Ca^{2+} , and their incorporation into fluorescent bio-sensors.