

Dr Mark R. Crimmin

Contact Information

Mark R. Crimmin

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Academic Positions

Senior Lecturer and Royal Society URF
Department of Chemistry
Imperial College London UK.
2016–present

Royal Society URF
Department of Chemistry
University College London UK.
2011

Lecturer and Royal Society URF
Department of Chemistry
Imperial College London UK.
2011–2016

Royal Commission 1851 Research Fellow
Department of Chemistry
Bergman Lab UC Berkeley USA.
2008–2011

Education

PhD in Catalysis and Main Group Chemistry
Department of Chemistry, Imperial College London
Advisor: Prof. Hill & Prof. Barrett.
2005–2008 (Awarded 11/2008)

MSc in Organic Chemistry
School of Chemistry, University of Bristol
Advisor: Prof. Aggarwal
2004–2005

MSci Chemistry
Department of Chemistry, Imperial College London
Advisor: Prof. Hill
2000–2004

Research

My research group studies the interaction of main group and transition metal complexes. We are seeking new homogeneous catalysts capable of the activation and functionalization of inert C–O, C–F and C–H σ -bonds in small molecules relevant to both energy and sustainable chemical synthesis.

- 78 papers. 2950 citations. h-index of 26 (Google Scholar).
- *JACS* (7), *ACIE* (9), *Chem. Sci* (5), *Acc. Chem. Res* (1), *Chem. Comm.* (10).
- Work highlighted in *Science and Chemistry World*. **2018.**

Funding

2018 Bragg Institute Neutron Beam Instrument (£48 K). **2017** Royal Society Enhancement Award (£37 K), EPSRC Industry Studentship Johnson Matthey (~£75K). **2016** Marie Curie Sponsorship (£136 K). **2015** ERC Starting Grant (£1.0 M), Royal Dutch Shell (£260 K), Leverhulme Trust Award (£116K), Marie Curie Sponsorship (£136 K), Royal Society URF renewal (£400 K). **2014** EPSRC Prize Research Associate Fellowship (£22K), EPSRC Case Award Johnson Matthey (£69K), Grantham Institute for Climate Change/NERC doctoral training partnership (£52K). **2013** EPSRC First Grant Scheme (£99K), Royal Dutch Shell (£560K). **2012** EPSRC kick-start funding (£33K), Royal Society equipment fund (£50K). **2011** Royal Society URF (£550K).

Awards and Fellowships

2017 Harrison–Meldola Memorial Prize. **2015** European Research Council Starting Grant. **2010** Royal Society University Research Fellowship. **2008** Research Fellowship from the Royal Commission of the Exhibition of 1851. **2005** Evans Medal of Imperial College London.