

CURRICULUM VITAE: Dr Philip William Dyer

Centre for Sustainable Chemical Processes, Chemistry Department, Durham University, Durham, DH1 3LE, UK

Email : p.w.dyer@durham.ac.uk **Web :** www.dur.ac.uk/chemistry/staff/profile/?id=1317 ; http://community.dur.ac.uk/p.w.dyer/

PERSONAL RECORD

- Higher Education:**
- Durham University, Oct. 1990 - Sept. 1993 (Ph.D.)
 - Durham University, Oct. 1987 - June 1990 (1st Degree)
- Qualifications:**
- Ph.D. (awarded Jan. 1994), "*Studies on Molecular Oxo and Imido Complexes of the Group 6 Metals and Heterogeneous Supported Chromium Oxide Polymerisation Catalysts*" – supervisors Profs. V. C. Gibson and J. P. S. Badyal
 - B.Sc., Hons., 1st Class, Chemistry (awarded June 1990)
- Present Appointments:**
- Oct. 2014 - present: Head of Inorganic Chemistry Teaching (Durham University)
 - Oct. 2010 - present: Deputy Director *Centre for Sustainable Chemical Processes*, CSCP (Durham University)
 - Oct. 2013 - present: Reader / Associate Professor (Durham University)
- Prior Appointments:**
- Oct. 2011 - Sept. 2014: Royal Society Industry Fellow (Johnson Matthey/Durham)
 - Oct. 2007 - 2012: Senior Lecturer (Durham University)
 - Jan. 2004 - Sept. 2007: Lecturer (Durham University)
 - Jan. 1998 - Dec. 2003: Lecturer (University of Leicester)
 - Oct. 1995 - Dec. 1997: Fixed-term Lecturer (Imperial College London)
 - Jan. 1994 - Sept. 1995: Royal Society Science Exchange Fellow (Laboratoire de Chimie de Coordination, Toulouse, France)
- Professional Bodies:**
- Fellow of The Royal Society of Chemistry (RSC) : *FRSC* and *Chartered Chemist*
 - Member of The American Chemical Society

RESEARCH ACTIVITY**Research Interests:**

- Transition metal, organometallic, coordination, and organophosphorus chemistry
- Ligand and reagent design for catalytic applications (e.g. selective C-C bond formation)
- Homogeneous, heterogeneous, and polymer-supported catalysis
- Catalytic pyrolysis and thermal processing of biomass

Industrial Collaborations (Past and Present):

- Sasol UK, Promerus, Cambridge Reactor Design, Lubrizol, Avecia Ltd., BP, Johnson Matthey, AkzoNobel

Academic Collaborations:

- A. Crispini (University of Calabria, Italy); R. Réau, J-F. Halet (Université de Rennes, France); D. Bourissou (Université Paul Sabatier, France); D.C. Apperley, M.A. Fox, H.C. Greenwell, S. Hogg, J.A.K. Howard (Durham); D. Collison (Manchester); E. Gras (LCC Toulouse, France); K. Miqueu (Université de Pau, France)

Current and Previously-supervised Research Students:

Present: 2 post-doctoral researchers; 1 full-time M.Sc. and 6 full-time Ph.D. students.

Previous: 10 post-doctoral researchers; 1 full-time M.Phil., 2 full-time M.Sc. and 18 full-time Ph.D. students (all graduated).

RESEARCH IMPACT**Prizes and Awards**

- 2007 *Franco-Britannique Young Scientist Award* - French Academie des Sciences/Royal Society

CURRICULUM VITAE: Dr Philip William Dyer (Department of Chemistry, Durham University)

Peer-reviewed Publications

- 6 book chapters; 64 papers including 3 *Angew. Chemie*, 1 *Nature Chemistry* highlight, 2 *J. Am. Chem. Soc.*, 2 *Chemistry-A European Journal*, 6 *Chem. Comm.*, 1 *ACS Catalysis*.

Invited Lectures, Seminars and Colloquia

- 48 invited seminars in universities and companies (including 17 abroad)

Invited Visiting Research Posts Abroad

- University of Calabria, Italy (July 2007); Université de Rennes 1, Rennes, France (Jan. 2003)

TEACHING

Current Undergraduate Student Teaching:

- Organometallic Chemistry and Catalysis
- Sustainable Chemistry
- Inorganic NMR Spectroscopy
- Practical Inorganic Chemistry
- Inorganic Chemistry Tutorials and Workshops

ADMINISTRATIVE RESPONSABILITIES

External

- Elected member Royal Society of Chemistry Dalton Division Council (2005 - 2008, 2011 - 2014)
- Elected member of EPSRC Peer Review College (2003 - present)
- Steering Group Member, UK EPSRC Catalysis Hub (2014 -)
- External examiner for PhD (38) and MSc (12) defence examinations
- Member of Royal Society Scientific Exchange Programme Review Committee
- Member of Royal Society of Chemistry Summer Bursary and Mobility Grant Programme Review Committees

Durham

- Deputy Director - Centre for Sustainable Process Chemistry (CSCP)
- Member of Durham Chemistry Department Management Committee
- Member of Durham Chemistry Department Safety Committee