

Prof. David P. Mills

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Career and Education:

- 2021-Present: Professor of Inorganic Chemistry at the University of Manchester.
- 2012-2021: Lecturer, Senior Lecturer (2017), Reader (2019) at the University of Manchester.
- 2008-2012: Postdoctoral Researcher at the University of Nottingham with Prof. Stephen T. Liddle.
- 2004-2008: Ph.D. in Inorganic Chemistry at Cardiff University with Prof. Cameron Jones.
- 2000-2004: MChem (Hons) Degree at Cardiff University.

Research and Outputs:

- I have >100 peer-reviewed publications, including 1 *Nature*, 3 *Nature Chemistry*, 2 *Nature Commun.*, 6 *J. Am. Chem. Soc.*, 3 *Angew. Chem.* and 3 *Chem. Sci.* articles, as well as 7 reviews and 7 book chapters (>5k citations, ResearcherID A-4395-2013, search date 15/07/2023).
- I have presented my work at >70 international conferences and invited seminars, including six plenary lectures at conferences and five invited seminars at Universities in 2022.
- My research has been highlighted in numerous outlets, including: *C&E News*, *Chemistry World*, *New Scientist*, *The Conversation*, and the *YouTube Channel CAMERA*.

Grants and Awards:

- ERC Consolidator Grant (PI, 2018, £1.77M).
- EPSRC Standard Grants (PI, 2018, £438k; PI, 2016, £706k), First Grant (PI, 2013, £101k).
- Leverhulme Trust Grant (PI, 2023, £314k).
- RSC Dalton Division Horizon Prize 2021 Team Member of the Molecular Magnetism Group.
- Blavatnik Awards for Young Scientists in the United Kingdom Finalist in Chemistry in 2021.
- RSC Harrison-Meldola Prize 2018 and RSC Radiochemistry Group Bill Newton Award 2019.

External Profile and Citizenship:

- In 2022 I was a Joint Section Editor for *Comprehensive Organometallic Chemistry IV* and co-Editor for *The Lanthanides and Actinides: Synthesis, Reactivity, Properties and Applications*.
- I am a peer reviewer for a wide range of journals and grant-awarding bodies; the quality of the reviews I provide have been recognised publicly by *Chem. Sci.*, *Inorg. Chem.*, and *Dalton Trans.*
- I was RSC Rep for the UoM and Local Section Science Secretary; I now review for the Dalton Prize Committee, Undergraduate Research Bursary, Research Fund, and Enablement Fund.
- I have organised numerous internal and external conferences and symposia, including RSC Dalton Northern and Prize and Award lectures, and UoM Chemistry PGR Conferences.
- I received RSC ambassador bursaries to attend BMIC2014 in Brazil and IUPAC2019 in France.

Teaching and Administration:

- I currently run one 3rd year lecture course, and I'm convenor for 3rd year MChem lab group projects; each year I'm a personal tutor to a full complement of tutees, a UCAS interviewer, a supervisor of UG and PG MSc students, an industrial student tutor, and I supervise undergraduate labs.
- My teaching and mentoring activities have been recognised by a number of awards from the Department of Chemistry, the Faculty of Science and Engineering, and the UoM Student's Union, for my lectures, providing exceptional feedback and academic advising, and going the extra mile.
- I am currently the Department of Chemistry Lead for Internationalisation, promoting the Department to organisations worldwide, and I am a member of the Department of Chemistry EDIA Committee.
- In the last 10 years I have completed other major administration duties including working on the Research Committee and being the Output Champion for Chemistry for REF2021.

Supervision and Mentoring:

- I have supervised 10 PDRAs, 24 PhD students, 10 PG and 19 UG MSc students, mostly as PI.
- Accredited as a Recognised Research Supervisor by the UK Council for Graduate Education.
- I internally review grant applications and papers of ECRs and colleagues at the UoM, and I am part of the Faculty Peer Review College, conducting mock interviews for Fellowship candidates.

Outreach:

- Formally trained in public engagement (University of Nottingham Science Outreach Programme).
- In the last 10 years I have: performed school visits, given public lectures, worked on stalls for *ScienceX*, took part in the *Royal Society Summer Science Exhibition*, advised *BBC Worldwide*, appeared on *YouTube*, written on blog sites, and volunteered for the *British Science Association*.
- In 2023 I co-organised three events for *Pint of Science*, and as part of the UoM *Dalton Outreach Team* I volunteer for numerous events, including working on stalls at *British Science Week*.