

THE UNIVERSITY OF MANCHESTER
PARTICULARS OF APPOINTMENT
FACULTY OF SCIENCE & ENGINEERING
SCHOOL OF NATURAL SCIENCES
DEPARTMENT OF CHEMISTRY
LECTURER IN ORGANIC CHEMISTRY
VACANCY REF: SAE-022616

Salary:	Grade 7 £44,414 to £54,421 per annum, depending on relevant experience
Hours:	1 FTE
Duration:	Fixed term available from September 2023 for 25 months
Location:	Oxford Road, Manchester

Enquiries about the vacancy, shortlisting and interviews:

Name: Professor David J Procter

Email: david.j.procter@manchester.ac.uk

Background

Applications are invited for a Fixed Term Lectureship in Organic Chemistry within the Department of Chemistry at the University of Manchester. The Department of Chemistry is one of the largest and most successful in Europe; The Department is ranked 3rd in the UK and 5th in Europe by the 2021 Nature Index. The recent appointment of Aaron Trowbridge, Michael James, and Giacomo Crisenza strengthens an Organic Chemistry Section that includes Jordi Bures, Guillaume De Bo, Mike Greaney, Igor Larrosa, David Leigh FRS, David Procter and Simon Webb. To further increase the strength of the Department we wish to attract an outstanding candidate to work in collaboration with David Procter. For more information about the Procter group and their research interests, please visit the Procter Group website (<https://www.procterresearch.com>). The Fixed Term Lecturer in Organic Chemistry will be based in the Procter Group in the Department of Chemistry. Candidates should have the ability to teach all aspects of core organic chemistry. *The post will suit candidates who wish to pursue an independent academic career in the future.*

Key Responsibilities, Accountabilities or Duties:

- To deliver world-leading research in Organic Chemistry in collaboration with Prof David J. Procter, as judged by high quality publications;
- To deliver outstanding teaching and learning to our undergraduate and postgraduate students,

through lectures, on-line and blended teaching, small group teaching and laboratory classes, and through supervision of individual and group research projects;

- To contribute to the efficient management of the Department, helping to maintain and grow^[1] the collegiate and supportive atmosphere we have established.

PERSON SPECIFICATION

Essential Knowledge, Skills and Experience:

- A PhD degree (or equivalent) and postdoctoral experience in an area of organic chemistry.
- Outstanding research ability in organic chemistry.
- A track record of high-quality publications in organic chemistry.
- The ability to manage own research, teaching and administrative activities, with guidance if required.
- The ability to teach all aspects of core organic chemistry.
- An ability to develop and grow a research portfolio of original and exciting ideas in collaboration with Prof David Procter.
- A track record of writing up research work for publication.
- A willingness to continually update knowledge and understanding.
- An ability to translate knowledge of advances in the subject area into new research activity.
- An ability to obtain external funding to support research activities in collaboration with Prof David Procter, drawing money from a range of sources including research councils, industry and international organizations.
- An ability to develop an international profile in the field of organic chemistry, and the potential to become a world-leading researcher in the area.
- An ability to develop collaborations across the University, as well as externally with national and international researchers, as appropriate, to advance research.
- A willingness to become an excellent and committed teacher of chemistry, showing adaptability and imagination in designing and delivering excellent chemistry teaching.
- A commitment to working in a collegial and supportive way to maximise the performance of the Department of Chemistry.

- Experience of team working and the ability to liaise with colleagues and students on joint projects.
- A willingness to maintain a safe working environment for themselves and students at all times.
- Excellent time management, organisational and communication skills.
- The experience and proven ability to supervise and train postgraduate students and final year undergraduate masters students in laboratory work, including training in laboratory procedures and in safe working.
- A commitment to develop and further the careers of members of the Procter research group.
- Balance, with help, the competing pressures of research, teaching and administrative demands and deadlines.
- Understand equal opportunity issues as they may impact on areas of research content.

Desirable Knowledge, Skills, Experience and Qualifications:

- A track record of obtaining funding to support their research activity.
- The experience and proven ability to supervise and train postgraduate students and postdoctoral researchers.
- Proven ability to conceive, undertake and direct research.
- Evidence of successful interdisciplinary and/or multidisciplinary research experience.
- Experience of chemistry teaching.
- The drive to develop new research themes for their future independent academic career.