



UNIVERSITY OF LEEDS

## CANDIDATE BRIEF

Lecturer in Organic Chemistry, Faculty of Engineering and Physical Sciences



**Salary: Grade 8 (£40,792 – £48,677 p.a.)**

**Reference: EPSCH1000**

**Closing date: 16 August 2019**

**Fixed-term for 12 months from 1<sup>st</sup> October 2019**

**We will consider job share / flexible working arrangements**

## Lecturer in Organic Chemistry

### School of Chemistry, Faculty of Engineering and Physical Sciences

**Are you an academic with a passion to deliver an exceptional student experience? Do you have an excellent research record and ambition to further develop your career in a research intensive Russell Group University?**

This 12 month appointment has arisen as a result of the award of a Royal Society Leverhulme Trust Senior Research Fellowship to Professor Andrew J Wilson. Your role will be to (i) assume Prof Wilson's teaching and administrative responsibilities including delivery of lectures, tutorials, laboratory demonstrating, and undergraduate recruitment activities (ii) work with Prof Wilson in running his research group and ongoing collaborative research, (iii) exploit this opportunity as a mechanism to further develop your independent academic career.

[The research team led by Prof Wilson](#) is a prominent component within the Chemical Biology and Medicinal Chemistry Research grouping, which is one of our six major research groups within the School. Prof Wilson's team pursue multidisciplinary research across a broad array of topics, leading the [PoPPI](#) EPSRC Programme Grant on Inhibitors of Protein-Protein Interactions, whilst participating in a further EPSRC Programme Grant on [Next Generation Lithium Ion Batteries](#), and a European Network focussed on [stabilizing protein-protein interactions](#). The team are highly active members of the World-renowned [Astbury Centre for Structural Molecular Biology](#).

You will have a PhD in Chemistry, a track record of research outputs within the area of supramolecular chemistry or chemical biology, and a proven record of teaching in a University environment.

### What does the role entail?

As a Lecturer, your main duties will include:

- Delivering Lectures in Supramolecular Chemistry, Chemical Biology and Medicinal Chemistry;
- Acting as an Academic tutor to undergraduates as well as contributing to undergraduate laboratory demonstrating.



- Supporting Prof Andrew Wilson in running his research group encompassing, amongst other activities: implementing health and safety policies; ensuring regular group and team meetings take place; monitoring progress across diverse research projects; reaching strategic decisions on project direction; providing feedback on draft manuscripts, reports and presentations; mentoring less experienced researchers; and, promoting the groups' research profile e.g. through conference presentation and social media;
- Being actively involved in research, innovation and impact at a national and international level, as well as contributing to local School/Faculty activity;
- Maintaining a record of high quality publications of national and international standing;
- Taking appropriate steps to raise research funding individually (e.g. early career fellowships) and collaboratively to underpin high quality research activity and research programmes/projects;
- Promoting the integration of your own research area with other research interests within- and, as appropriate, outside the School and Faculty;
- Providing research supervision and helping to attract students to the University;
- Undertaking research-led teaching at different levels, including assessment and examinations and contributing towards module design, review and quality assurance mechanisms;
- Providing support, guidance and timely feedback to undergraduate and postgraduate students, resolving issues and/or referring to specialist parties, where appropriate;
- Contributing effectively to the administrative processes and committee structures of the School/Faculty including taking on leadership roles and managing initiatives, which facilitate School, Faculty or University performance or business.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.



## What will you bring to the role?

As a Lecturer you will have:

- A PhD in Chemistry and research interests compatible with those of the Wilson group, including supramolecular chemistry and chemical biology;
- A track record of research outputs, within the area of supramolecular chemistry or chemical biology in refereed publications of internationally excellent quality;
- A demonstrable ability to build and support teams, inspire and motivate less experienced colleagues, and, promote academic excellence;
- A successful record of obtaining resources to undertake your research and the potential and desire to raise external research funding;
- An ability to contribute to, and develop, interdisciplinary collaborative research projects in a broad range of areas;
- A proven record of teaching in a University environment, with an enthusiastic approach to teaching organic chemistry, supramolecular chemistry, chemical biology and medicinal chemistry, and the ability to interact with students in ways that will enhance the student experience;
- Experience of proactively developing new teaching approaches and materials in the areas of organic chemistry, supramolecular chemistry, chemical biology and medicinal chemistry;
- A high level of interpersonal and communication skills, and a strong ability to communicate effectively in writing and verbally with students, academic and external audiences;
- An ability to contribute to management and administrative processes and structures, including managing resources and/or staff.

You may also have:

- Experience of providing undergraduate and postgraduate student supervision;
- Experience of contributing to academic leadership;
- Experience in managing a research team;
- A successful record of obtaining external research funding.



## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Your application should include:

- a supporting statement providing evidence to support each requirement listed on the 'What will you bring to the role' section of the Candidate Brief (no more than 2 sides of A4, minimum font size 11); and
- an academic curriculum vitae, including a list of your publications.

The interview will involve a scientific discussion and as such we recommend that you familiarise yourself with recent publications from the Wilson group.

## Contact information

To explore the post further or for any queries you may have, please contact:

**[Prof Andrew Wilson, Professor of Organic Chemistry](#)**

Tel: +44 (0)113 343 1409

Email: [a.j.wilson@leeds.ac.uk](mailto:a.j.wilson@leeds.ac.uk)

## Additional information

Find out more about the research of the [Wilson Group](#)

Recent high-impact work from the Wilson Group includes: the study of peptide assembly mechanisms ([Sci. Adv., 2019, 5, eaav8216](#)), development of photo-crosslinking methods for mapping protein-protein interactions ([Angew. Chemie. Int. Ed., 2018, 57, 16688–16692](#)), the use of hydrogen-bonding motifs to build self-sorting networks ([Chem. Eur. J., 2019, 25, 785–795](#)), discovery of small-molecule mimics of protein secondary structure ([Chem. Sci., 2019, 10, 3956-3962](#) and [Angew. Chem. Int. Ed., 2015, 54, 2960-2965](#)), and, development of enabling methods for inhibition of protein-protein interactions ([Chem. Sci., 2018, 9, 7656-7665](#), and [Chem. Sci., 2017, 8, 5166-5171](#)).

Find out more about the:



- [School of Chemistry](#);
- [The Astbury Centre for Structural Molecular Biology](#)
- University [libraries](#), [journal](#) and [database](#) subscriptions.
- Find out more about our [Research and associated facilities](#)
- Find out more about our [Faculty initiatives](#)

### **A diverse workforce**

The Faculty of Engineering and Physical Sciences is proud to have been awarded an Athena SWAN award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

### **Working at Leeds**

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

### **Candidates with disabilities**

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at [disclosure@leeds.ac.uk](mailto:disclosure@leeds.ac.uk).

## **Criminal record information**

### **Rehabilitation of Offenders Act 1974**

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

