



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research and Teaching Fellow in Chemical Biology, Faculty of Engineering & Physical Sciences



Salary: Grade 7 (£33,797 – £40,322 p.a.)

Reference: EPSCH1013

Closing date: 15 December 2019

Fixed-term for 12 months, available from 1st December

We will consider job share / flexible working arrangements

Research and Teaching Fellow in Chemical Biology, School of Chemistry, Faculty of Engineering and Physical Sciences

Are you a researcher with an established research background in Chemical Biology? Do you have a passion to deliver an exceptional student experience? Do you want to further develop your career in a research intensive Russell Group University?

As a Research and Teaching Fellow, you will undertake research in Chemical Biology, with a focus on chemical proteomics applied to host-pathogen interactions, and will also provide day-to-day supervision to a group of researchers in [the Wright Group](#). As well as research, you will support the delivery and assessment of innovative teaching in chemistry at both [undergraduate](#) and [postgraduate](#) levels. This position is offered on a fixed term basis to cover a period of leave which is expected to last 12 months.

You will have a PhD (or have submitted your thesis prior to starting the role) in Chemistry or Chemical Biology, along with experience of undertaking research in a field related to that of the Wright group. With a proven record of achievement as a single or main author of referred publications, you will have experience of teaching chemistry to undergraduate students, along with experience of working with biological samples.

What does the role entail?

As a Research and Teaching Fellow in Chemical Biology your main duties will include:

- Supporting the Wright group's research on a day-to-day basis, including: monitoring progress across diverse research projects; providing feedback on draft manuscripts, reports and presentations; promoting the group's profile e.g. by maintaining the website; undertaking literature reviews and pursuing independent and original research ideas to generate preliminary data for grant applications;
- Delivering teaching at postgraduate and undergraduate level;
- Contributing to the assessment of course work and examinations, the review of modules, programmes and quality assurance mechanisms;
- Devising and supervising undergraduate and taught postgraduate student research projects;



- Providing day-to-day supervision to research postgraduate students, with the assistance of experienced colleagues;
- Making a significant contribution to the preparation of research results for publication in leading peer-reviewed journals, and by presentation at national meetings;
- Contributing to, and encouraging a safe working environment;
- Maintaining your own continuing professional development.

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 Research and Teaching Fellow in Chemical Biology you will have:

- A PhD (or have submitted your thesis prior to starting the role) in Chemistry or Chemical Biology;
- Experience of undertaking research in a field related to that of the Wright group, with a proven record of achievement as a single or main author of refereed publications;
- Experience of teaching chemistry to undergraduate students;
- An ability to teach organic chemistry effectively at all levels, with an enthusiastic approach;
- A strong background in the successful application of small molecules to biochemical systems;
- Experience of working with biological samples (such as proteins or cells);
- An ability to use IT effectively and innovatively in the preparation and delivery of teaching material;
- A high level of interpersonal and communication skills;
- An ability to work as a member of a team and independently, with a high level of self-motivation;
- An ability to work effectively under pressure.

You may also have:

- Experience in mass spectrometry and proteomics;
- Experience of cell culture or microbiology;
- Experience of teaching Chemistry to postgraduate students;



- Postdoctoral research experience in chemical biology or a related field;
- A commitment to professional development/undertaking qualifications in HE teaching.

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.

Contact information

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

[Megan Wright](#), University Academic Fellow

Tel: +44 (0)113 343 3196

Email: m.h.wright@leeds.ac.uk

Additional information

Our research

Further information can be found out about our research on the websites of the [Wright group](#) and the [Astbury Centre for Structural Molecular Biology](#).

Faculty and School Information

Further information is available on the research and teaching activities of the [School of Chemistry](#).

A diverse workforce

The Schools in the Faculty of Engineering & Physical Sciences are proud to have been awarded the Athena SWAN [Bronze](#) or [Silver](#) 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.

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.

