



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Teaching Fellow in Physical Chemistry, Faculty of Engineering & Physical Sciences



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

Reference: EPSCH1015

50% full time equivalent

Fixed term for up to 36 months, to end by 31 December 2022

We will consider job share / flexible working arrangements

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

Do you have experience of teaching Chemistry at undergraduate and postgraduate level with an established background in Physical Chemistry or Chemical Physics? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University?

As a Teaching Fellow you will be expected to teach undergraduate students at all levels, and to take a prominent role in the development of new teaching material and resources.

You will have a PhD in Physical Chemistry or a closely related discipline (or be close to completion), with experience of teaching Physical Chemistry to within Higher Education or a Masters degree in Physical Chemistry or a closely related discipline (or be close to completion) with substantial experience of teaching within Higher Education. With an enthusiastic approach to all aspects of teaching, you will have the ability to use IT effectively and innovatively in the preparation and delivery of teaching material.

What does the role entail?

As a Teaching Fellow in Physical Chemistry your main duties will include:

- Providing inspirational teaching and learning, which reflects professional standards and industry good practice;
- Supporting and delivering modules, including lectures, examples classes, tutorials and laboratory work at different levels on undergraduate and/or postgraduate taught courses;
- Assisting with and leading laboratory classes and exercises, helping students with project work and contributing to the design and implementation of new practical experiments;
- Assessing students' work, including setting and marking exams and coursework;
- Providing timely feedback to students on their studies, identifying the learning needs of students and defining appropriate learning objectives;



- Acting as academic tutor for all modules taught, administering and documenting modules taught in collaboration with other academic and support staff as appropriate;
- Contributing to the review of modules, programmes and quality assurance mechanisms;
- Designing and utilising innovative approaches to learning and teaching, especially with regard to the provision of teaching material through digital media and blended learning;
- Contributing to the planning and development of modules and programmes within the relevant subject;
- Devising and supervising undergraduate and taught postgraduate student research projects in the area of Physical Chemistry;
- Contributing to recruitment, widening participation and public engagement activities within the school;
- 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 Teaching Fellow in Physical Chemistry you will have:

- Either a PhD in Physical Chemistry or a relevant field (or be close to completion) and experience of teaching Physical Chemistry (including thermodynamics, kinetics, quantum mechanics and statistical mechanics) within Higher Education, or a Masters degree in Physical Chemistry or a relevant field (or be close to completion) and substantial experience of teaching Physical Chemistry (including thermodynamics, kinetics, quantum mechanics and statistical mechanics) within Higher Education;
- The ability to motivate and engender enthusiasm in others, as evidenced for example in student feedback obtained from previous teaching experience, with an enthusiastic, creative approach to transferring knowledge and skills to students;
- Experience of the design, development and delivery of teaching materials in a Higher Education setting, demonstrating effective teaching skills and a range of delivery techniques and assessment methods to teach effectively, including practical skills in the area of design / project work;



- An ability to use IT effectively and innovatively in the preparation and delivery of teaching material;
- Excellent team working and networking skills;
- Excellent communication and interpersonal skills, with a flexible, motivated and co-operative approach and good time management skills;
- An ability to contribute effectively to administrative activities;
- A strong commitment to your own continuous professional development.

You may also have:

- Experience of applying research and scholarship in teaching;
- Experience of undertaking research in a related field, with a proven record of achievement as a single or main author of refereed publications.

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:

[Professor Paul Seakins, Head of Physical Chemistry](#)

Tel: +44 (0)113 343 6568

Email: P.W.Seakins@leeds.ac.uk

Additional information

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.

