Teaching Fellow in Physiology & Pharmacology
School of Medicine, Medical Sciences and Nutrition

Closing date: 19 April 2021
Interview date: TBC
Reference number: MED114A
INTRODUCTION

We are seeking an experienced Teaching Fellow with qualifications and experience in an area or areas of physiology or pharmacology to support the team of academic, technical and professional services staff in the delivery of our world-class BSc programmes.

Aberdeen has a global reputation for academic excellence both in the delivery of medical and medical sciences education and in medical education research and development. The suite of Medical Science undergraduate honours programmes is highly regarded and delivered to more than 700 students. The existing MBChB programme is currently ranked first in Scotland and is delivered to almost 1000 students. An innovative 4-year graduate entry dental programme is delivered to 80 students. The School also delivers a range of healthcare and medical science postgraduate programmes delivered on-line, face to face or by blended approaches and runs an award-winning widening access pre-medical access programme (Gateway2Medicine).

The BSc programmes are delivered in a suite of practical labs on the Old Aberdeen campus and in the later years on the Foresterhill campus. Many of the Honours projects are carried out within the Institute of Medical Sciences in working research laboratories. A new purpose-built suite of teaching laboratories and ancillary spaces is under construction, scheduled to open for academic session 2021/22.

The healthcare programmes are delivered in a dispersed campus model, where we maintain a supportive and creative environment for the development and maintenance of a positive teaching and learning culture and the provision of an excellent student experience.

The post holder will be supported in their role by an experienced and vibrant academic and professional services support team in the Institute for Education in Medical and Dental Sciences (IEMDS) and wider university. The initial focus of the post will be to contribute to educational work of academic session 2020/21 and the changes to teaching to accommodate the impact of Covid19 on the University’s activities. The longer-term focus will be to contribute to the school’s wider provision of physiology and pharmacology education across a range of programmes. The post holder will be encouraged to participate in the educational scholarship work of the School.

JOB DESCRIPTION

Main purpose of the role:

Working with Programme leads in UG medical sciences, the post holder will contribute to the organisation and delivery of medical science teaching and assessment, student support, teaching initiatives, pastoral support and teaching administration. This will involve face-to-face, practical and online teaching, course coordination, project supervision and contribution to course and curriculum development. The post holder will also be expected to contribute to other programmes across the School e.g. taught postgraduate and healthcare programmes.

Key Responsibilities:

- Deliver face-to-face, practical, online and blended teaching in lab, classroom and virtual settings for undergraduate and taught postgraduate students within science and healthcare programmes.
- Help with organisation of course delivery and assessment.
- Act as Personal Tutor for students.
• Contribute to project organisation and supervise Honours/MSc projects as needed.
• Contribute to course and curriculum development including blended learning approaches and online delivery.
• Contribute to student engagement in recruitment and during their studies.
• Contribute to school public engagement events, open days and other recruitment activities.
• Plan, design, and deliver teaching and assessment materials as appropriate to own expertise meeting course / programme requirements.
• Balance the pressures of teaching, development and administrative demands and competing deadlines.
• Contribute to development/dissemination of educational innovations and scholarship work.

CANDIDATE BACKGROUND

It is expected that candidates will have a PhD in physiology or pharmacology. Clinically qualified candidates with relevant postgraduate experience may also be eligible to apply.

UG teaching experience (including laboratory practicals) and an enthusiasm for teaching innovations and developments is required. Experience of leading human-based practical classes would be advantage. Candidates should be able to deliver classes across a range of topics related to these disciplines, from the molecular to the organismal level.

The person appointed will be a member of the Institute of Education in Medical and Dental Sciences (IEMDS) and will be line managed by a senior member of the IEMDS academic line management team.

AT A GLANCE:

SALARY:
£33,797 - £40,323 per annum

HOURS OF WORK:
Full Time

CONTRACT TYPE:
Open-ended, project limited, 2 years

LOCATION:
Aberdeen
Salary will be at the appropriate point on the Grade 6 salary scale (£33,797 - £40,323 per annum) and negotiable with placement according to qualifications and experience.

Any appointment will be made subject to satisfactory references and a 12 month probation period.

This role is based in the UK and as such the successful candidate will be required to live and work in the UK.

For further information on various staff benefits and policies please visit www.abdn.ac.uk/staffnet/working-here

Should you require a visa to undertake employment in the UK you will be required to fulfil the minimum points criteria to be granted a Certificate of Sponsorship under the requirements of the Skilled Worker visa. At the time an offer of appointment is made, you will be asked to demonstrate that you fulfil the criteria in respect of qualification and competency in English. For research and academic posts, we will consider eligibility under the Global Talent visa. Please do not hesitate to contact Natalie Reid, HR Adviser (e-mail: n.reid@abdn.ac.uk) for further information.
**PERSON SPECIFICATION**

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<th><strong>Education/Qualifications</strong></th>
<th><strong>Essential</strong></th>
<th><strong>Desirable</strong></th>
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| Academic, technical and professional education and training | • PhD in a relevant subject with strong emphasis on physiology or pharmacology.  
• Clinically qualified candidates with relevant postgraduate/educational experience may also be eligible to apply if they can evidence expertise in physiology/pharmacology. | • Post graduate certificate in education or equivalent e.g. Fellowship of Higher Education Academy or Academy of Medical Educators  
• Existing interaction with the professional societies related to these disciplines (e.g. Physiological Society, British Pharmacological Society or clinical/international equivalents) would be an advantage for networking/career development. |

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<th><strong>Work and Other relevant experience (including training)</strong></th>
<th><strong>Essential</strong></th>
<th><strong>Desirable</strong></th>
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| e.g. Specialist knowledge, levels of experience, supervisory experience, research | • Experience in teaching organisation and delivery.  
• Experience of different modes of teaching delivery including face-to-face, practicals, small group, online.  
• Experience of software packages for teaching, learning and assessment.  
• Familiar with different forms of teaching methods, evaluation, assessment and feedback. Experience of Quality Management of education.  
• Knowledge of equality and diversity issues and issues relating to specific learning needs. | • Experience of blended learning, online learning development and delivery.  
• Experience of IT systems that support student progress.  
• Experience of educational scholarship/educational innovation.  
• Experience of integrating awareness of equality, diversity and inclusivity issues into educational activities. |

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<th><strong>Personal qualities and abilities</strong></th>
<th><strong>Essential</strong></th>
<th><strong>Desirable</strong></th>
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| | • Willingness to create, develop and participate in blended learning / online delivery approaches to teaching and assessment  
• Evidence of commitment to an inclusive and supportive culture that promotes a student-centred approach  
• Excellent communication skills and experience in the development of networks with colleagues in University and across institutions.  
• Willing to learn new techniques as required.  
• Ability to work independently as well as within wider educational goals and to respond quickly and appropriately to new developments and opportunities  
• Evidence of commitment to appropriate professional development. | |
- Good organisational skills, with ability to reprioritise workload in response to changing events

  Willingness to broaden educational expertise to assist other disciplines/programmes within the wider School.

- Teaching may be spread across Old Aberdeen and Foresterhill Campuses.

- Events such as public engagement/recruitment activities may take place during weekends/evenings.
Aberdeen is a broad-based, research-intensive University, which puts students at the centre of everything it does. Outstanding in a wide range of discipline areas, Aberdeen has also been credited for its international reach and its commercialisation of research ideas into spin-out companies. The University has over 16,000 matriculated students and 3,600 staff representing 130 nationalities. We encourage bold thinking, creativity and innovation, and we nurture ambition with many opportunities for professional and personal development in an inclusive learning environment which challenges and inspires.

### 2019 Highlights

- **Scottish University of the Year (Times & Sunday Times)**
- **70th in the world for research citations (THE)**
- **32nd in the world for contribution to the UN Sustainable Development Goals (THE)**
- **15th equal in the UK for overall student satisfaction (NSS)**
- **11th best student intake in the UK (Times & Sunday Times)**
- **28th most international university in the world (THE)**
- **Percentage of Scottish intake from most deprived areas up from 4.5% in 2018/19 to 9% in 2019/20**

### Current Context

The University will build on the significant achievements above in 2020 and beyond. Underpinning our high performance and significant growth is a £100m investment in Aberdeen’s estate which will include the completion of a new Science Teaching Hub, the regeneration of the historic King’s Quarter, and a new Business School building. The University has also invested in 50 new academic posts, and 2020 will see the launch of 5 Interdisciplinary, cross-institution Research Centres that will catalyse world-leading research in our areas of research strength. The 5 Interdisciplinary Challenges are: Energy Transition; Social Inclusion and Cultural Diversity; Environment and Biodiversity; Data and Artificial Intelligence; and Health, Nutrition and Wellbeing.

The University of Aberdeen is a recent recipient of The Queen’s Anniversary Prize, awarded to recognise world-class excellence in innovation and practical benefit to people and society. The University was given this award for health service research leading to improvements in academic and clinical practice and delivery of health care.

### International

Aberdeen is also increasing its international presence, positioning the University as a global organisation, and building on its established partnership in Qatar with new partnerships in Sri Lanka, with the International Institute of Health Sciences, and in China, with Shanghai University and SCNU.

The University of Aberdeen is proud to be the first UK University to operate on a dedicated campus in Qatar. Phase 1 of this partnership with AFG College has successfully recruited over 600 students. Phase 2 will see the creation of a substantially larger campus, with capacity for at least 5,000 students and research activity. For further information on our Qatar campus, visit [https://www.abdn.ac.uk/qatar/](https://www.abdn.ac.uk/qatar/).
On Founders’ day in 2020, our 525th anniversary as a University, we launched our new strategy ‘Aberdeen 2040’. Over the next 20 years, four strategic themes will shape our learning, discovery and strategic actions:

**INCLUSIVE:** We welcome students, staff and partners from all backgrounds, organisations and communities. We value diversity.

**INTERDISCIPLINARY:** We innovate in education and research by generating, sharing and applying new kinds of knowledge. We learn together.

**INTERNATIONAL:** We connect with others and extend our networks and partnerships around the world. We think across borders.

**SUSTAINABLE:** We understand and nurture our environment, and take care of our resources, including our people and our finances. We work responsibly.

**OUR EDUCATION**

Recognised as the Scottish University of the Year in the Times and Sunday Times Good University Guide 2019, we remain true to our roots as an ancient Scottish university, combining breadth and depth in our degree programmes and drawing strength from the quality of our research. Our flexible curriculum encourages students to grow as independent learners and therefore to thrive as graduates in the diverse workplaces of the future and become change-makers across the globe. Our education is open to all and we are setting ambitious targets to further widen access.

**OUR RESEARCH**

Researchers at the University of Aberdeen have been at the forefront of innovation and excellence throughout the centuries, generating insights in medicine, science, engineering, law, social sciences, arts and humanities. This research has contributed to five Nobel prizes as well as other awards such as the Queen’s Anniversary prize. Our research is intellectually rigorous, working within our established areas of excellence as well as new methods of enquiry. We will continue to generate new knowledge addressing economic and societal issues with ambition and imagination, ensuring that it is globally excellent and locally relevant.
Aberdeen and Aberdeenshire

With a population of approximately 230,000, the city stands between the Rivers Dee and Don. This historic city has many architectural splendours and the use of its sparkling local granite has earned Aberdeen the name of the Silver City. Recognised as the energy capital of Europe, Aberdeen nevertheless retains its old-fashioned charm and character making it an attractive place in which to live.

Aberdeen enjoys excellent communication services with other European cities - e.g. flying time to London is just over one hour with regular daily flights. There are direct air links to London (City, Heathrow, and Luton), Manchester, Birmingham, Leeds, Southampton, Belfast and East Midlands within the U.K. There are also flights to international hub airports: Amsterdam (Schiphol), and Paris (Charles De-Gaulle as well as flights to other European destinations. http://www.aberdeenairport.com Road and rail links are also well developed.

The Grampian Region which took its name from the Grampian Mountains has a population of approximately 545,000. It is made up of five districts – Aberdeen, Banff & Buchan, Gordon, Kincardine & Deeside and Moray. The city and the surrounding countryside provide a variety of urban, sea-side and country pursuits. Aberdeen has first class amenities including His Majesty’s Theatre, Music Hall, Art Gallery, the P&J Arena, Museums, and Beach Leisure centre. Within a short time, beach pursuits, equine activities, salmon, trout and sea fishing, hill-walking, mountaineering, golf, sailing, surfing and windsurfing can be reached. The city and the surrounding countryside are repeatedly given high ratings for quality of life in surveys.

Aberdeenshire is one of Scotland’s most appealing regions. Royal Deeside and the Cairngorms National Park are within easy access of the city, and there are a variety of towns and villages scattered along the coastline.

Aberdeen and Aberdeenshire cater for a wide range of tastes in sporting and cultural activities.

To find out more about Aberdeen and Aberdeenshire go to www.visitabdn.com
THE UNIVERSITY values a diverse working environment and recognises the benefits this can bring. The University is keen to receive applications from individuals from across all of the equality protected characteristics (age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, sexual orientation).

The University supports opportunities for flexible working for a range of reasons and has policies in place to facilitate this. The policies can be found here: https://www.abdn.ac.uk/staffnet/working-here/flexible-working--5607.php

The University’s commitment to gender equality has been recognised through the achievement of an Athena SWAN Bronze award at institutional level and across all its subject areas. The University is also a Stonewall Diversity Champion to further LGBT+ equality.

The University is signed up to Advance HE’s Race Equality Charter, affirming the University’s commitment to the charter’s aim of improving the representation, progression and success of minority ethnic staff and students within higher education.

Candidates who are British Sign Language (BSL) user can contact us directly by using contact SCOTLAND-BSL

The University is delighted to be accredited as a Disability Confident employer and strives to ensure that disabled staff and students have the opportunity to work and study in an inclusive, accessible and supportive environment.

https://www.abdn.ac.uk/staffnet/governance/equality-and-diversity-277.php

HOW TO APPLY

Online application forms are available at www.abdn.ac.uk/jobs

The closing date for receipt of applications is 19 April 2021

Should you wish to make an informal enquiry please contact:

Professor Gordon McEwan, g.t.a.mcewan@abdn.ac.uk or Professor Rona Patey, Director, IEMDS, r.patey@abdn.ac.uk

Please do not send application forms or CVs to Professor McEwan or Professor Patey.

Please quote reference number MED114A on all correspondence