



Optogenetics Telemetry Specialist – KTP Associate

Reference: R220368

Salary: £27,000- £32,000 per annum (depending on experience) with up to £4,000 of additional budget for professional development

Contract Type: 24 months (fixed term)

Basis: Full Time

Job description

This 24-month project takes the form of a [Knowledge Transfer Partnership](#) (KTP), which provides you with practical and formal training and the availability of support from experienced mentors from [ADInstruments](#), [Aston University](#) and [Innovate UK](#).

Job Purpose:

This KTP project aims to develop and deploy a revolutionary dual-function telemetry system for neuroscience research to provide new biosensing tools and supporting methodologies for scientific and societal benefit. The product has the opportunity to become a transformative technology in neuroscience but will be potentially limited in achieving wide market penetration without further refinements and feature additions specific to the neuroscience market.

This role is an exciting opportunity for candidates holding a Master's or PhD degree level qualification in a neuroscience or physiology related subject. An exceptional undergraduate with demonstrable laboratory experience would also be considered. It would be desirable for the candidate to have a postgraduate research degree (MRes or PhD).

The KTP Associate will also develop a broad set of skills in project management, stakeholder management, working on a strategic project in an innovative business. The skills developed during the project will enable the successful candidate to broaden their future career opportunities.

Main duties and responsibilities

- Business and Technology Review and Establishing Project Oversight/ Knowledge Capture.
- Initial trial and validation of existing prototype.
- Additional hardware and software capabilities development – extensions of function of the telemetry hardware.
- Creation of technical and scientific support documentation for customer facing and internal-facing use guidance and best-practice knowledge base in neuroscience applications.
- Knowledge transfer and embedding.

Additional responsibilities

- ▶ The associate will benefit from a hybrid working pattern, with time spent at home, at the ADInstruments office in Oxford and at Aston University in Birmingham
- ▶ Ability and willingness to travel within the UK and EU, with some global travel
- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff.
- ▶ Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

Personal attributes:

- ▶ Excellent verbal and written communication skills will be essential to ensure timely and efficient transfer of knowledge from Knowledge Base to Business Partner
- ▶ Work collaboratively with a range of stakeholders in a multidisciplinary project team. Work independently with own initiative.
- ▶ Not afraid to ask questions and constructively challenge.
- ▶ Self-motivated & confident with good persuasion & negotiation skills.
- ▶ Fit in with the organisational culture and present a positive image of the company to clients.
- ▶ Ability to travel within the UK and Europe, with occasional global travel

Additional Benefits

- ▶ Up to £4000 for personal and professional development for the duration of the project

Person specification

	Essential	Method of assessment
Education and qualifications	BSc or MSc level in the neuroscience or physiology related field	Application form
Experience	Prior hands-on laboratory experience through an undergraduate research project, or masters by research is essential	Application form and interview
Aptitude and skills	<p>High level of manual dexterity and a desire to learn new experimental techniques.</p> <p>A desire to understand and implement best practice around the use of animals in research</p> <p>Ability to manage time and workload to meet deadlines.</p> <p>Willingness to take ownership of the project – management of day-to-day tasks, resourcing and reporting.</p>	Application form and interview

	Desirable	Method of assessment
Aptitude and skills	<p>Experience of in vivo procedures and existing UK Home Office ASPA Personal License</p> <p>Understanding the commercial nature of the project and desire to engage with commercial aspects to define KPIs and strategy</p> <p>Excellent verbal and written communication skills</p> <p>Work collaboratively with a range of stakeholders in a multidisciplinary project team.</p>	Application form and interview

	Desirable	Method of assessment
	<p>Not afraid to ask questions and constructively challenge</p> <p>Self-motivation and confidence to work independently with own initiative</p> <p>Present a professional, positive image of the company to clients</p> <p>Ability and willingness to travel within the UK and Europe, with occasional global travel</p>	

How to apply

You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by 23.59 BST on the advertised closing date.

All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form then please contact the Recruitment Team via jobs@aston.ac.uk.



Contact information

Enquiries about the vacancy:

Name: Dr Stuart Greenhill

Job Title: Senior Lecturer in Neuroscience

Email: s.greenhill@aston.ac.uk

Enquiries about the application process, shortlisting or interviews:

Recruitment Team via jobs@aston.ac.uk or 0121 204 4500.

Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy

Benefits: <https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index>

Employment of Ex-Offenders: Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they are applying for is listed as an exception under the act.

Eligibility to work in the UK:

Post-Brexit transition period / EU Settlement Scheme

The post-Brexit transition period ended on 31 December 2020. If you are an EU/EEA citizen and you were a resident in the UK before 31 December 2020, you and your family members (including non-EU citizens) need to apply to the EU Settlement Scheme to continue to live, work and study in the UK beyond 30 June 2021. The deadline for applying to the EU settlement scheme is 30 June 2021. You can apply via the Government webpage

<https://www.gov.uk/settled-status-eu-citizens-families>

Irish Nationals do not need to apply for settlement as they retain the right to work in the UK.

New immigration system for EU/EEA and Swiss Nationals who were not resident in the UK before 31 December 2020

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens moving to the UK to work will need to get a visa in advance. You can find more information on the following website. Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the UKVI website <https://www.gov.uk/browse/visas-immigration/work-visas>. Before applying you should ensure that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful. If you require a visa to work in the UK the most common types of visa are:

Skilled Worker Visa

<https://www.gov.uk/skilled-worker-visa>

Global Talent Visa

If you are a leader or potential leader in one of the following fields you may be eligible to apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa.

<https://www.gov.uk/global-talent>

Equal Opportunities: Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

Data Protection: Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) (“GDPR”). The University’s Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

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gets real.**