



Job Description: Research Officer

Faculty:	FMHLS
Department/Subject:	Medical School
Salary:	Grade 8: £39,355 to £45,413 per annum together with USS pension benefits
Hours of work:	full time
Number of positions:	1
Contract:	Fixed term position for 36 months
Location:	This position will be based at the Singleton Campus Swansea University and School of Biosciences, University of Sheffield

Main Purpose of Post	<ol style="list-style-type: none"> 1. Undertake research into structure and function of the cupulae of the lateral line neuromasts 2. Assist in zebrafish line maintenance 3. Contribute to laboratory running and maintenance.
	<ol style="list-style-type: none"> 4. Pro-actively contribute to and conduct research, including gather, prepare and analyse data and present results, exhibiting a degree of independence in terms of specifying the focus and direction of that research. 5. Prepare reports, draft patents and papers describing the results of the research, both confidential and for publication. The appointee is expected to be actively engaged in the writing and publishing of research papers, particularly those intended for publication in refereed (eg international) journals or comparable as a normal part of their role. 6. Be self-motivated, apply and use their initiative, aiming to determine suitable ways to tackle challenges and seeking guidance when needed. 7. Use creativity to analyse and interpret research data and draw conclusions on the outcomes. 8. Interact positively and professionally with other collaborators and partners within the Faculty, elsewhere in the University and beyond both in industry/commerce and academia. 9. Contribute pro-actively to the development of external funding applications to support their own work, that of others and the Faculty and the Institution in general. The appointee will be expected as a normal part of their work to be actively engaged in writing, or contributing to writing such applications. 10. Contribute to Faculty organisational matters in order to help it run smoothly and to help raise its external research profile. 11. Keep informed of developments in the field in both technical and specific terms and the wider subject area and the implication for commercial applications and the knowledge economy or academia. 12. When requested act as a representative or member of committees, using the opportunity to extend their own professional experience. 13. Demonstrate and evidence own professional development, identifying development needs with reference to Vitae Researcher Development Framework particularly with regard to probation, performance reviews, and participation in training events. 14. Maintain and enhance links with the professional institutions and other related bodies. 15. Observe best-practice protocols in maintenance and retention of research records as indicated by HEI and Research Councils records management guidance. This includes ensuring project log-book records are deposited with the University/Principal Investigator on completion of the work
General Duties	<ol style="list-style-type: none"> 16. To promote equality and diversity in working practices and maintain positive working relationships. 17. To conduct the job role and all activities in accordance with safety, health and sustainability policies and management systems, in order to reduce risks and impacts arising from the work activity. 18. To ensure that risk management is an integral part of any decision making process, by ensuring compliance with the University's Risk Management Policy. 19. Any other duties as agreed by the Faculty / Directorate / Service Area.



<p>Person Specification</p>	<p>Essential criteria:</p> <ol style="list-style-type: none"> 1. A PhD in Neuroscience, Developmental Biology or equivalent discipline 2. Evidence of active engagement, personal role, and contribution to writing and publishing research papers, particularly for refereed journals. 3. Evidence of the capacity for active engagement in designing research and writing, or contributing to writing, applications for external research funding. 4. Ability to demonstrate significant independence of focus and direction in research – determining 'what, why, when and with whom' to progress work. 5. Experience working with zebrafish 6. Ability to conduct and analyse behavioural experiments 7. Evidence of advanced microscope skills (e.g. confocal, 2 photon, TEM) 8. Fluency in molecular techniques (e.g. genotyping) 9. Willingness to travel to and stay in Sheffield to conduct experiments 10. A commitment to continuous professional development <p>Desirable Criteria</p> <ol style="list-style-type: none"> 11. Experience with microphonics or electrophysiology 12. Experience producing genetically modified zebrafish 13. Familiarity with proteomic analysis 14. Home Office Personal licence 15. Experience of supervising undergraduate or postgraduate student projects
<p>Welsh Language Level</p>	<p>Level 1 – 'a little' - pronounce Welsh words. Able to answer the phone in Welsh (good morning / afternoon). Able to use very basic every-day words and phrases (thank you, please etc.). Level 1 can be reached by completing a one-hour training course.</p> <p>For more information about the Welsh Language Levels please refer to the Welsh Language Skills Assessment web page, which is available here.</p>
<p>Additional Information</p>	<p>Informal enquiries: emma.kenyon@swansea.ac.uk</p>

