

Job Description: Research Assistant

Faculty/Directorate/Service Area:	Medicine, Health and Life Sciences
Job Title:	Research Assistant
Department/Subject:	Data Science
Salary:	Grade7: £34,132 - £38,249 per annum together with USS pension benefits
Hours of work:	35 hours per week (100% FTE)
Contract:	This is a fixed term position until March 2028
Location:	This position is hybrid and will be based at Singleton Campus

Main Purpose of Post	<p>Applications are invited for the position of Research Assistant for PROMISE (Prevention of Risks and Onset of Mental Health problems through Interdisciplinary Stakeholder Engagement) within the Self-Harm, Suicide Prevention and Mental Health Team based at Swansea University, led by Prof. Ann John.</p> <p>Join a highly multidisciplinary team at Swansea University Medical School to conduct population mental health research, analysing a world-class population-level dataset containing billions of records using a mix of traditional and novel analytical methodologies. This is an exciting opportunity to make your work count, with the potential to have real impact on preventing suicide, improving self-harm interventions and policy decision in Wales.</p> <p>Key Duties and Responsibilities:</p> <ol style="list-style-type: none"> 1. To process and analyse data from multiple sources within the SAIL Databank, including health records, social care data, and educational data 2. To deliver on a specific research questions within the team related to suicide prevention, self-harm and mental health 3. To contribute to highly complex and structured data analyses, dealing appropriately with potentially duplicated records, missing and erroneous data, and documenting the methodology 4. Support the preparation of reports and papers and present research results to peers at conferences and industry collaborators 5. Pro-actively contribute to and conduct research, including gathering, preparing and analysing data and presenting results 6. Be self-motivated, apply and use initiative, aiming to determine suitable ways to tackle challenges 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 and elsewhere in the University and beyond as appropriate. 9. Support the development of external funding applications 10. Keep informed of developments in the field 11. Maintain and enhance links with professional institutions and other related bodies 12. Observe best-practice protocols in maintenance and retention of research records
General Duties	<ol style="list-style-type: none"> 13. Promote equality and diversity in working practices and maintain positive working relationships. 14. Conduct the job role and all activities in accordance with safety, health and sustainability policies and management systems, to reduce risks and impacts arising from the work activity. 15. Ensure that risk management is an integral part of any decision-making process, by ensuring compliance with the University's Risk Management Policy. 16. Any other duties as agreed by the Faculty/Directorate/Service Area.
Professional Services Values	<p>All Professional Services areas at Swansea University operate to a defined set of Core Values - Professional Services Values and it is an expectation that everyone is able to demonstrate a commitment to these values from the point of application through to the day to day delivery of their roles. Commitment to our values at Swansea University supports us in promoting equality and valuing diversity to utilise all the talent that we have. Our values are:</p>



	<p>We are Professional We take pride in applying our knowledge, skills, creativity, integrity and judgement to deliver innovative, effective, efficient services and solutions of excellent quality.</p> <p>We Work Together We take pride in working in a proactive, collaborative environment of equality, trust, respect, co-operation and challenge to deliver services that strive to exceed the needs and expectations of customers.</p> <p>We Care We take responsibility for listening, understanding and responding flexibly to our students, colleagues, external partners and the public so that every contact they have with us is a personalised and positive experience. Commitment to our values at Swansea University supports us in promoting equality and valuing diversity to utilise all the talent that we have.</p>
<p>Person Specification</p>	<p><u>Values:</u></p> <ol style="list-style-type: none">1. Demonstrable evidence of taking pride in delivering professional services and solutions2. Ability to work together in an environment of equality, trust and respect to deliver services that strive to exceed the needs and expectations of customers.3. Demonstrable evidence of providing a caring approach to all of your customers ensuring a personalised and positive experience <p><u>Qualifications:</u></p> <ol style="list-style-type: none">4. Masters in Statistics, Data Science, Epidemiology, Psychology or related discipline with an interest in pursuing a PhD in the Data Science. <p><u>Experience:</u></p> <ol style="list-style-type: none">5. Evidence of the ability to actively engage in and contribute to writing and publishing research papers, particularly for refereed journals.6. A demonstrable ability to conduct research in line with the objectives of the project.7. Evidence of planning skills to contribute to the research project.8. Evidence of the capacity for active engagement in designing research and writing applications or external research funding.9. Experience working with data in epidemiology, health informatics, bioinformatics, and/ or data science fields.10. Experience in analysing large-scale healthcare datasets.11. Evidence of designing and conducting of complex analyses and interpreting the results. <p><u>Knowledge and Skills:</u></p> <ol style="list-style-type: none">12. Evidence of knowledge of a programming language such as SQL, R, Stata or Python.13. Ability to demonstrate significant independence of focus and direction in research14. Ability to manage own tasks and administrative activities to meet deadlines.15. Good communication skills both written and oral.16. A commitment to continuous professional development. <p><u>Desirable Criteria:</u></p> <ol style="list-style-type: none">1. A PhD in Statistics, Data Science, Epidemiology, Psychology or related discipline2. Experience in mental health research and health informatics.3. Experience with routine healthcare data analysis4. Knowledge of psychiatric epidemiology



	<ol style="list-style-type: none">5. Experience of supervising undergraduate or postgraduate student projects.6. Experience with predictive modelling and machine learning approaches7. Track record of publication in relevant field.
Welsh Language Level	<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>
Additional Information	<p>Informal enquiries: Marcos Del Pozo Banos (m.delpozobanos@swansea.ac.uk) Amanda Marchant (a.l.marchant@swansea.ac.uk)</p>

