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| **Job Title** | Research Fellow |
| **School / Service** | School of Psychology |
| **Grade and Salary Range** | Starting from £44,577 per annum, pro rata, inclusive of London Weighting |
| **Location and Hybrid working status** | Stratford campus |
| **Reporting to** | Professor Cynthia Fu |
| **Contract type** | Fixed term (12 months with potential to extend), full time |

Build your career, follow your passion, be inspired by our environment of success **#BeTheChange**

**THE UNIVERSITY OF EAST LONDON**

If you are seeking a career that combines innovative education with a passion for crafting positive change, look no further than the University of East London. Founded in 1898 to meet the skills needs of the 2nd industrial revolution, we’re now in Year 5 of our ground-breaking 10-year Vision 2028 strategic plan, orchestrated by our Vice-Chancellor and President, Professor Amanda Broderick.

Our goal is to advance industry 5.0 careers-first education and provide a clear path to the jobs and opportunities of the future. We are committed to driving diversity in the 5.0 talent pipeline, working in partnership to promote talent wherever it is found and creating a sustainable, inclusive, and green future.

But we can't achieve this goal alone. We need forward-thinking, innovative, and curious individuals like you to join our community and help us shape the future. As part of our team, you'll have the opportunity to work with a diverse range of people who share your passion for generating positive change. We’re an inclusive and welcoming community that is constantly moving forward, never satisfied with the status quo.

If you're ready to join a team that values your outstanding skills and perspectives and is dedicated to making a difference, we invite you to explore a career with us. We are excited to welcome versatile individuals who are committed to advancing their careers while making a positive impact on the world.

**JOB PURPOSE**

COORDINATE-MDD is an international consortium funded by the National Institute of Mental Health (NIMH). Our aim is to quantify neuroanatomical and neurofunctional heterogeneity via the dimensions of novel multivariate coordinate system. Utilizing imaging harmonization and AI methods our aim is to delineate patterns of brain alteration in replicable and neurobiologically based dimensions and which can predict treatment response at the individual level. Our consortium collaborators are international researchers sharing datasets from multi-ethnic community populations in first episode and recurrent MDD, which are medication-free and with prospective longitudinal treatment outcomes.

We are looking a full time Research Fellow to work on the aspects of clinical harmonization and incorporation of clinical features in the neuroimaging data sets. The Research Fellow will be supervised by Professor Cynthia Fu in collaboration with Professor Christos Davatzikos, University of Pennsylvania, and with the Centre for Affective Disorders, King’s College London. This is an exceptional opportunity to work with a dynamic and enthusiastic group of international researchers at the cutting edge of neuroimaging and AI research.

**KEY DUTIES AND RESPONSIBILITIES**

* Conduct analysis of neuroimaging and behavioural data from structural MRI, resting state and related tasks.
* Perform data analysis and clinical harmonization.
* Implementation of data transfer pipelines and curation protocols.
* Liaise with collaborators on data management, multi-modal and AI analysis.
* Conduct literature reviews for publications and research briefings.
* Author and co-author academic publications.
* Support and training of research assistants, graduate, and undergraduate students.
* Perform other research-related tasks as required by the Principal Investigators.
* Support the development of future proposals.
* To act in accordance with the University of East London’s Equal Opportunities Policy.

***Please note: a Disclosure and Barring Service (DBS) clearance is required for this role.***

**PERSON SPECIFICATION**

**KNOWLEDGE, SKILLS, AND EXPERIENCE**

**Essential**

* Experience with neuroimaging data analysis tools
* Experience with statistical packages (e.g., R, SPSS)
* Excellent IT skills (e.g., Microsoft Office)
* Written work is of a high standard and experience in conducting literature reviews
* Recent experience of project work in a research team environment
* Excellent research skills and able to work within given deadlines

**Desirable**

* Experience in analysing large datasets and data management
* Advanced signal processing and programming skills (e.g., Python)
* Evidence of publication

**COMPETENCIES REQUIRED**

* Excellent interpersonal and communication skills
* Willingness to work flexible hours and to travel internationally, if necessary
* Commitment to and understanding of equality and diversity issues within a diverse and multicultural environment

**EDUCATION, QUALIFICATIONS AND ACHIEVEMENTS**

**Essential**

* PhD qualification, or equivalent qualification, in neuroimaging, neuroscience, engineering, computer science, or a related field

UEL is an inclusive equal opportunities employer and are proud of our Equality, Diversity, and Inclusivity achievements. We expect all employees of UEL to accept our EDI policy and will not tolerate discrimination in any form. As an employee of UEL, we expect you to follow all relevant Health & Safety policies.

So, if you’d like to take your career to the next level with us here at the University of East London and are passionate about our environment and commit to success, we want you to apply today!