



OLLSCOIL NA GAILLIMHE
UNIVERSITY OF GALWAY



HR EXCELLENCE IN RESEARCH

Postdoctoral Researcher – Psychiatric Neuroimaging

College of Medicine, Nursing and Health Sciences

Ref. No. 011051

JOB ADVERTISEMENT

Applications are invited from suitably qualified candidates for a full-time fixed-term position as a Postdoctoral Researcher in Psychiatric Neuroimaging at the University of Galway, Ireland.

This position is funded by NEURON, the Network of European Funding for Neuroscience Research & the Health Research Board as part of an award to study the mechanisms of resilience and vulnerability to environmental challenges in mental health, entitled 'RESIST-D: Reward-Stress Interactions as Neural Substrate for Resilience and Vulnerability in Mental Health: A Translational Large-Scale Study' awarded to Professor Dara Cannon at Galway in an EU partnership across six sites. **The postdoctoral researcher post is available from 1st of June 2025 for 1 year and 6 months.**

RESIST-D is a translational project to investigate the neurobehavioral responses to rewards and to acute stress as key neurobiological mechanisms underlying individual differences in the risk of developing depressive symptoms at different ages after early life stress experiences, a well-documented environmental risk factor for psychopathology. This will involve neuroimaging, behavioural, clinical and demographic data analyses and management of cohorts across a multi-site European study.

The post is open to applicants internationally and minority applicants are encouraged to apply. The research will be carried out on-site at the University of Galway <https://www.universityofgalway.ie/> under the supervision of Professor Cannon: <https://www.universityofgalway.ie/our-research/people/daracannon/>

Relevant Publications:

- Martin-Soelch, 2023 (<https://cpe.psychopen.eu/index.php/cpe/article/view/11567/11567.pdf>)
- Dauvermann et al., 2023 (<https://pubmed.ncbi.nlm.nih.gov/36827958/>)
- Martin-Soelch et al., 2021 (<https://pubmed.ncbi.nlm.nih.gov/33584359/>)
- Quide et al., 2020 (<https://pubmed.ncbi.nlm.nih.gov/33364762/>)

Salary: Postdoctoral Researcher salary scale €45,846 to €58,481 per annum, (subject to the project's funding limitations), and pro rata for shorter and/or part-time contracts.

The default position for all new public sector appointments is the 1st point of the salary scale. This may be reviewed, and consideration afforded to appointment at a higher point on the payscale (subject to the project's funding limitations), where evidence of prior years' equivalent experience is accepted in determining placement on the scale above point 1, subject to the maximum of the scale.



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[\(Research Salary Scales - University of Galway\)](#)

Closing date for receipt of applications is 16:00 (Irish Time) on 1st May 2025. It will not be possible to consider applications received after the closing date.

***Please review full job description for further details and essential requirement.**

JOB DESCRIPTION

Job Description:

The successful candidate will work to establish and coordinate an early life stress data management system across the EU partner sites to optimize consistency across sites and maintain a pattern of data cleaning and sharing that supports the cross-site large-scale analyses according to the FAIR principles. Skill development in image analysis will be supported in-house and by workshop attendance and training. The successful applicant will be supported in their career aspirations and development of existing and new skills both domain specific and general, toward independence. A leading role on a specific objective collaboratively developed by the successful candidate, will be encouraged and supported. The candidate will be supported and expected to disseminate findings from this project at high profile international conferences and journals.

Duties:

- Take a lead role in the synthesis and collation of a large dataset comprising demographic, clinical, environmental, imaging and genetic data across six EU partner sites for the support of data collation, cleaning and FAIR data management. Data management, quality control and synthesising data into analysable variables will all be required for this role.
- Curation and analysis of quality controlled neuroimaging and genetic phenotypic measures from individuals with early life stress.
- Organise and manage large-scale multidimensional data, conduct analyses, covarying for confounds, statistical inference and interpretation, prepare manuscripts and disseminate results at academic meetings.
- Operate independently with regular mentoring as part of a strong multidisciplinary team and supervise an RA, Master's and PhD students in carrying out closely-related research and interpretation.
- Any other duties assigned commensurate to this level of post.

Qualifications/Skills Required:

The successful candidate will have a PhD in a related domain, performed original research, presented and published in the area of neuroscience, ideally thematically aligned with early life stress and neuroimaging in affective disorders. Candidates should have excellent teamwork skills and interpersonal manner, evidence of effective communication across collaborating groups, strong organization skills, and time management as critical.



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ELIGIBILITY REQUIREMENTS

Essential Requirements:

- PhD in Neuroscience or another closely aligned field
- Research experience in neuroimaging analysis and associated high-quality publishing in psychiatry
- Research experience in data management and multivariate statistical analysis

Desirable Requirements:


- Experience coordinating across research teams or study sites
- Experience in open access data publishing
- Evidence of excellent oral and written communication skills
- Highly motivated with excellent organizational skills
- Experience supervising graduate students

CONTINUING PROFESSIONAL DEVELOPMENT

Continuing Professional Development/Training:

Researchers at University of Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans. University of Galway provides continuing professional development supports for all researchers seeking to build their own career pathways either within or beyond academia. Researchers are encouraged to engage with our Researcher Development Centre (RDC) upon commencing employment - see [HERE](#) for further information.

FURTHER INFORMATION/LINKS

- **TO APPLY:** [Search Current University of Galway vacancies](#). Applications must be submitted online.
 - [How to apply guide](#)
-  For informal enquiries, please contact Professor Dara M Cannon, Email, dara.cannon@universityofgalway.ie
- [University's Strategic Plan](#)



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- [Working in Research at University of Galway](#)
- [Moving to Ireland \(Euraxess\)](#)
- [Applicant Information](#)
- We reserve the right to re-advertise or extend the closing date for this post.
- University of Galway is an equal opportunities employer.
- All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment.

