DREAM BIG
Developmental **R**esearch in **E**nvironmental **A**dversity,
Mental health, **Bi**ological susceptibility and **G**ender

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The **D**evelopmental **R**esearch in **E**nvironmental **A**dversity, **M**ental health, **Bi**ological susceptibility and **G**ender project (http://dreambigresearch.com/) is looking for a postdoctoral, research associate or research assistant position **with Dr. J. Bruce Morton Western University's Brain and Mind Institute**. This is a full-time, one to two-year term position with the possibility of renewal. This project is funded by CIHR and McGill University's Healthy Brain Healthy Lives Initiative and directed by Dr. Ashley Wazana at McGill University and in partnership with Dr. Tim Oberlander at UBC.

Job description: In this project, the fellow or RA will harmonize data from three different protocols collected from one MRI scanner. They will pre-process imaging to be comparable across different study sites (ALSPAC and Gen R). Time permitted, the successful candidate will also examine how early prenatal and early postnatal maternal mood interact with the genome to influence the developmental risk trajectories of ADHD, measured at multiple levels (symptomatology, cognitive evaluations, structural and functional imaging). The expectation is to harmonize data and replicate analyses across multiple datasets.

Qualifications: The applicant will hold a graduate (Masters or Ph.D.) in a relevant field like neuroscience, medical imaging, psychiatry, psychology, and neurology. Interested candidates should have a solid background in large-scale data analysis, and proficiency in at least one of the following packages: R, MatLab or Python. The candidate should have experience working with diffusion-weighted imaging data (e.g., tractography, fractional anisotropy) and be comfortable working on a Linux-based compute server. Expertise with neuroimaging data analysis is required.

Application: Please send a cover letter outlining your CV, an intent letter, up to three publications and contact information for three references (at least two academic references), as well as, links to your ResearchGate and or LinkedIn page to bmorton3@uwo.ca,Ashley.Wazana@mcgill.ca and Marie-Elyse.Lafaille-Magnan@mail.mcgill.ca