**2023 Winter Research Project Description**

Please use this template to create a description of each research project, eligibility requirements and expected deliverables. Project details can then be uploaded to each faculty, school, institute, and centre webpage prior to the launch of the program.

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| **Project title:** | Trajectory of depression in stroke patients |
| **Project duration is 4 weeks, what are the expected hours of engagement & delivery mode** | 20 – 36 hours per week  Part of this project can be completed remotely, but brief weekly update and progress meetings will be required. |
| **Description:** | Depression is a common sequalae of stroke, occurring in approximately 30% of survivors and adversely affecting recovery (Paolucci, 2008). The trajectory of depression within 1-year of stroke has been relatively well documented. While a subset of patients experience depression as an immediate consequence of stroke (Zhang et al. 2014), depressive symptoms typically peak at a prevalence of 33%, 3-6 months after infarct (Aström, Adolfsson & Asplund, 1993). Less is known about the course and impact of depression after this period, which is likely due to the reducing frequency of follow-up appointments.  This project involves conducting a literature review on the trajectory of post-stroke depression. The student will receive guidance and training on performing the literature review. There will be an opportunity to be added as co-author to a publication upon successful completion of the literature review. |
| **Expected outcomes and deliverables:** | Students will work on a literature review for a meta-analysis. Detailed record keeping and populating of an excel spreadsheet with data from reviewed articles will be expected. |
| **Suitable for:** | Someone with a keen interest in neuropsychiatric complications and psychopathology. Someone who is interested in learning how to do literature reviews and meta-analysis and is open for a challenge.  Ideally someone in 3rd year or honours who might be interested in a PhD program after completing their undergraduate training. |
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