**2021 Psychology Winter Research Project Description**

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| **Project title:** | Neural responses to emotionally-significant individuals |
| **Positions available:** | **1** |
| **Project duration:** | * *20 hours* * 4 weeks |
| **Description:** | The current project addresses a fundamental question in the field of affective neuroscience, namely whether faces are processed differently depending on the affective relationship with the viewer.  Electrodes placed on the surface of the scalp will measure the electrical response (electro-encephalographic response) during a task that will involve viewing photographs of individuals with whom the viewer is very close (partner), not close but familiar, or still entirely unfamiliar.  The project aims to establish whether faces of emotionally-significant individuals modulate early brain responses. |
| **Expected outcomes and deliverables:** | Students will gain experience in setting up electrophysiological experimentation and carrying out data recordings. They will be asked to produce an oral presentation at the end of their project. |
| **Suitable for:** | This project is open to applications from students interested in physiological psychology and cognitive neuroscience. Students who have completed their BSc would benefit most from the position |
| **Primary Supervisor:** | Assoc Prof Alan Pegna. |
| **Further info:** | Please contact [a.pegna@uq.edu.au](mailto:a.pegna@uq.edu.au) for further information. |