**2021-2022 Psychology UQ Summer Research Project Description**

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| **Project title:** | ***The relationship between visual attention and awareness*** |
| **Project duration:** | * *Number of weeks: 10* * *Number of expected hours per week: 20-30* |
| **Position/s available** | 1 |
| **Description:** | *The relationship between visual attention and visual awareness has long been a hotly debated question. Electrophysiological studies in this field have investigated the time course of neural activity of both attention and awareness. However, there has been limited evidence on whether the neural markers of different forms of attention precedes or succeeds to that of the early stage of visual awareness (i.e., phenomenal awareness). We aim to study this question by using EEG and by manipulating visuospatial attention independently of visual awareness. We plan to use emotional human faces as our stimuli as they have been found to elicit attentional bias and can even be processed without conscious awareness.* |
| **Expected outcomes and deliverables:** | S*tudents 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:** | Alan Pegna |
| **Further info:** | Please contact [a.pegna@uq.edu.au](mailto:a.pegna@uq.edu.au) for further information. |
| **Collaborating with external organisation?** | no |