

## UQ Winter Research Project Description - 2026

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.

<b>Project title:</b>	Measuring social attention with wearable eye-tracking technology.
<b>Hours of engagement &amp; delivery mode</b>	This project is being offered on-site (St Lucia) and will involve approximately 24 hrs per week.
<b>Description:</b>	<p>A key focus of many studies in our lab is using more ecologically valid approaches to measure social attention, with the goal of establishing whether findings from computer tasks generalise to more naturalistic settings (i.e., real social interactions).</p> <p>This project aims to provide the first test of how younger (18-35 years) and older (60 years+) adults visually navigate through a real-life referential communication task (i.e., the Director task). We have a large mobile eye-tracking dataset that was collected using the Tobii Glasses 3. An important next step in this project is pre-processing the eye-tracking data, using the Tobii lab Pro software, so that the data can be formally analysed.</p>
<b>Expected learning outcomes and deliverables:</b>	The scholar will gain valuable insight into how wearable eye-tracking methodology can be used to measure attention in naturalistic settings. The scholar will work on video recordings collected using the Tobii Glasses 3, to create key Areas of Interest (AOI's) and Time of Interest (TOIs), so that key metrics (e.g., fixation time) can be extracted and analysed. Full training will be provided. There may be an opportunity for the scholar to be involved in a publication generated from this work.
<b>Suitable for:</b>	This project would be best suited to a 2 <sup>nd</sup> or 3 <sup>rd</sup> year student who is interested in social attention, social cognition, experimental psychology or eye-tracking methodology.
<b>Primary Supervisor:</b>	Dr. Sarah Grainger
<b>Further info:</b>	Please contact Dr. Sarah Grainger if you would like further information, or if you are planning on submitting an application for this project.