**UQ 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:** | **Can we use AI to educate young people about substance use?**  |
| **Hours of engagement & delivery mode** | This project is 4-weeks, for 36 hours per week (30 June – 25 July 2025). On-site attendance at St Lucia campus will be preferred. One position is available for this project.  |
| **Description:** | This project explores the potential for artificial intelligence (AI) to minimise the harms associated with youth substance use and promote healthier choices. You will be tackling complex questions like "*Can AI-generated content effectively educate young people about the harms associated with substance use?*" and "*How do we leverage this new technology to promote health while addressing ethical issues surrounding AI?*" To answer these questions, this project will use quantitative experimental studies to test the effectiveness of AI-generated messages and systematic reviews to understand what the most effective theories are to guide the prompting. You will get hands-on experience with various aspects of the research process, from literature reviews to applying for ethics, preparing for pre-registrations and brainstorming new ideas. You will be working alongside Dr. Tianze Sun and a talented team of experts including Associate Professor Gary Chan and Dr. Daniel Stjepanovic. |
| **Expected learning outcomes and deliverables:** | The scholar will have an opportunity to learn about behavioural change theories, conducting systematic reviews, experience working with generative AI for health interventions, and learn skills to apply creative solutions to address real world challenges. You will be contributing to novel work that could reshape how we approach substance use harm minimisation for young people. |
| **Suitable for:** | This project is open to applications from students with a background in psychology or public health, specifically for 3rd to 4th year students who are considering doing an Honours or PhD in psychology and particularly within the areas of behavioural addiction or substance use. |
| **Primary Supervisor:** | Dr Tianze Sun |
| **Further info:** | Applicants who would like to apply or any further information can contact Dr Tianze Sun at tianze.sun@uq.edu.au |