**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:** | Finding what works: Systematic reviews to improve decision-making and health |
| **Project duration is 4 weeks, what are the expected hours of engagement & delivery mode** | 28—36 hours per week, remote or on campus |
| **Description:** | Systematic reviews are the top of the evidence hierarchy: they are some of the most robust ways of finding out what works. Our lab is running systematic reviews on   * improving group decision-making, * using exercise to treat depression, * using online learning to improve healthcare, and * using education to reduce cognitive biases.   You’ll learn how to complete many steps of these systematic reviews, including finding and critiquing research, and extracting and synthesising the conclusions. |
| **Expected outcomes and deliverables:** | After 4 weeks we expect you will be able to:   * Understand how systematic reviews work and why they lead to robust conclusions; * Find and screen research for inclusion against key criteria; * Extract and synthesise findings from studies to make conclusions about what works; and * Critique research using gold-standard tools, to make judgements about how reliable the conclusions are. |
| **Suitable for:** | Undergraduate students with strong critical thinking skills, looking to learn the most effective ways to help others. Projects may be specifically relevant to psychology or education students with strong interests in research, but we’ve had successful students from fields as varied as Economics and Biological Sciences. |
| **Primary Supervisor:** | Dr Michael Noetel |
| **Further info:** | You may work on one review or multiple reviews, depending on the stage of those reviews when you start. We’ll aim to provide you with a range of experiences so you develop competencies across the systematic review process. |