

UQ Summer Research Project Description - 2026

Project title:	Identifying process and outcome measures for Infective Endocarditis: A systematic review
Hours of engagement & delivery mode	Hours of engagement: 30 hrs per week for 6 weeks between 12 January and 20 February 2026. Location: UQ Northside Clinical Unit, Main Hospital Building, The Prince Charles Hospital.
Description:	Infective endocarditis (IE) is associated with high morbidity and mortality. Although clinical practice guidelines have outlined best practice recommendations for IE, what process and outcomes measures are required to consistently assess if care is delivered to align with guidelines recommendations is uncertain as standardised process and outcomes measures of IE care do not exist. Accordingly, we sought to conduct a systematic literature search to review the current evidence. Objectives: 1. To conduct a systematic review of existing endocarditis endpoints reported in clinical studies of IE including existing IE clinical registries important to patients and health professionals to determine the common endpoints of relevance to IE practice 2. To categorise common IE endpoints into: a) process measures of key care b) long-term consequences of disease outcomes c) complications of treatment outcomes d) patient-reported outcomes
Expected learning outcomes and deliverables:	Students will gain skills in conducting a systematic review such as creating a search strategy, literature review (title/abstract and full text), data extraction and quality assessment. Students will have the opportunity to contribute to a publication.
Suitable for:	This project is suitable for pre-medical students, students interested in clinical or public health research and those seeking to complete higher degree research in future (MPhil or PhD).
Primary Supervisor:	A/Prof Isuru Ranasinghe Contact person: Sunnaya Khawaja, s.khawaja@uq.edu.au
Further info:	The supervisor CAN be contacted by students prior to submission of an application.