

# Museums and Collections Projects Program 2021

University of Melbourne

## Faculty of Engineering and Information Technology

### Project Description

#### Research project – Biomedical Engineering

#### The Project

This project involves completing research to identify and acquire items that document current biomedical engineering projects at the University. This research will subsequently be used in the development of a display on campus that explores different aspects of biomedical engineering.

#### Background

The [Faculty of Engineering and Information Technology cultural collections](#) comprise the Mechanical Engineering Collection (which includes the A.G.M. Mitchell Engineering Collection); the Electrical Engineering Education Collection; Surveying and Geomatics Engineering Collection; and the Computing & Information Systems Collection. The School is currently creating a unified collection database for the distributed FEIT cultural collections.

The Faculty has a long tradition of undertaking biomedical engineering projects. It currently has over 100 researchers undertaking collaborative projects in medical and health research. They work within an ecosystem of research, innovation and high-tech manufacturing capability, centred around the Parkville biomedical precinct.

#### Details

Working in consultation with the FEIT Curator, you will have the opportunity to research, identify and acquire objects that document and are related to current biomedical engineering projects happening in and around the Parkville biomedical engineering precinct. The student will then utilise this research, and using the biomedical objects as a starting point, develop a display on campus that focuses on the stories behind them. In addition to researching and selecting objects for the display, a related task will be the creation of individual exhibition labels/extended labels, liaison with designers and involvement in exhibition production. This project would suit a student with an interest in biomedical engineering, history of technology or science communication. An understanding of collection management principles specific to the documentation of museum objects and knowledge of the correct procedures for the safe handling of objects is required, as is a methodical, prudent approach with a keen eye for detail.

#### Benefits

Opportunity to work closely with one of the University of Melbourne's extensive cultural collections and for professional development through experience gained in curatorial and collection management procedures and practice. This includes researching and preparing a display that explores current biomedical engineering projects at the University. The project also offers experience in the practical processes involved in the curation of new displays and in the handling of museum objects and the creation of intellectual content. Good public exposure of the displays which will be seen by many high-profile visitors, students, and members of the academic and general community.

#### Supervisor

Dr Richard Gillespie, Curator - Faculty of Engineering and Information Technology

