## Winter Research Project Description

<table>
<thead>
<tr>
<th>Project title:</th>
<th>St Helena Island: Digital Cultural Heritage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project duration:</td>
<td>4 weeks, from 27th July to 22nd July</td>
</tr>
<tr>
<td>Description:</td>
<td>Preparing for and participating in a field trip to conduct 3D laser scanning of a heritage site on St Helena Island in Moreton Bay. The successful student will be working with digital point cloud data to produce visualisations of buildings, landscapes and ruins; they will liaise with partner organisations on logistics and planning for the field trip; and assist researchers in their work.</td>
</tr>
<tr>
<td>Expected outcomes and deliverables:</td>
<td>A successful field trip and with comprehensive datasets collected. There may be some opportunity to visualise and display the dataset collected for public dissemination.</td>
</tr>
<tr>
<td>Suitable for:</td>
<td>Architecture students with a keen interest in computing, CAD modelling and heritage. Strong CAD skills and the desire to self-teach cutting-edge software are essential. Student must be methodical and good at planning.</td>
</tr>
<tr>
<td>Primary Supervisor:</td>
<td>Dr Kelly Greenop</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:k.greenop1@uq.edu.au">k.greenop1@uq.edu.au</a></td>
</tr>
<tr>
<td>Further info:</td>
<td>The field trip to St Helena Island will involve boat trips across Moreton Bay and staying overnight on the island with Queensland National Parks and Wildlife Service Staff in basic accommodation. This will be in late July and for approximately two nights.</td>
</tr>
</tbody>
</table>
## Project Description

<table>
<thead>
<tr>
<th><strong>Project title:</strong></th>
<th>Visualising ANZAC Cove’s heritage trenches and tunnels</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project duration:</strong></td>
<td>4 weeks, from 27th July to 22nd July</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>The successful student will make a digital model of a section of ANZAC Cove, including its trenches and tunnels, based on recently re-discovered historic surveyor’s data of the constructions, made in 1915. The second phase of the project is to make a 3D printed model or series of models to enable a lay-person to understand the tunnel and trench system in its landscape context.</td>
</tr>
<tr>
<td><strong>Expected outcomes and deliverables:</strong></td>
<td>A digital and physical (3D printed) set of models of the topography of ANZAC Cove to show proof of concept to industry heritage and government funding bodies. A professional standard of work suitable for public display is required.</td>
</tr>
<tr>
<td><strong>Suitable for:</strong></td>
<td>Architecture students with strong CAD modelling and 3D printing skills. Some work with point cloud data gathered from a 3D laser scanner may also be required.</td>
</tr>
</tbody>
</table>
| **Primary Supervisor:** | Dr Kelly Greenop  
  k.greenop1@uq.edu.au |
| **Further info:** | Good communication skills are required as the student will help to liaise with heritage bodies and government agencies that hold the precious collections to which we will have access. |
**SCHOOL OF ARCHITECTURE**  
**Winter Research Project Description**

<table>
<thead>
<tr>
<th>Project title:</th>
<th>The working collection of Queensland architect Robin F. Gibson (1930-2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project duration:</td>
<td>4 weeks (this project requires 2 scholars)</td>
</tr>
<tr>
<td>Description:</td>
<td>Robin Gibson (1930-2014) is considered ‘one of Queensland most distinguished architects,’ having raised the community’s understanding and appreciation of architecture through advocacy and the consistent high quality of his public and private projects. His architectural work and career, however, remains largely unstudied. The aim of these winter scholarships is to determine the range and usefulness of primary resources - architectural plans, drawings and models – of the Queensland architect Robin Gibson (1930-2014) held within various public and private collections across Queensland, including the private collection currently held by the family of Robin Gibson.</td>
</tr>
<tr>
<td>Expected outcomes and deliverables:</td>
<td>The winter scholars will be expected to write short texts for various projects they have identified in the archives, photograph existing buildings, develop digital 3D models of buildings that are no longer extant, conduct interviews to develop digital stories, and produce short films or digital timelines. All of this material will contribute to the development of the online qldarch.net database.</td>
</tr>
<tr>
<td>Suitable for:</td>
<td>Undergraduates students within the Architecture Program (UQ)</td>
</tr>
</tbody>
</table>
| Primary Supervisor: | Dr Janina Gosseye  
j.gosseye@uq.edu.au  
Dr Deborah van der Plaat  
d.vanderplaat@uq.edu.au |
| Further info: | |