

Case Study

Analytical Testing / Universities & Education



Science South Building Lincoln University

Completion Date: 2021

Location: Lincoln, Canterbury

Services: Specialist Laboratory Architects

Awards: Gold Award at the 2022 New Zealand Commercial Project Awards



Lab-works Architecture partnered with Sheppard and Rout Architects to successfully complete new analytical sciences facilities on Lincoln University's Campus in Canterbury. Located in the south-eastern corner of the campus, the building is coloured a distinctive pioneer red, and is home to research laboratories, offices, collaboration spaces and social areas for the Agricultural Sciences department of the Faculty of Agriculture and Life Sciences.

Replacing earthquake-damaged buildings, the construction for this new animal science building commenced in June 2020 and progressed rapidly to completion in July 2021. Minister of Research, Science and Innovation Hon Dr Megan Woods cut the ceremonial ribbon to officially open the new building in July 2021.

The new building is the first of two new science facilities that will deliver fit-for-future learning and research spaces. In line with the University's sustainable infrastructure goals, the



building is built to Level 4 Green Star standard and features wool carpets and wool acoustic wall insulation, a cement substitute mix floor slab, as well as thermally insulated exterior cladding. The building features a roof-mounted solar array capable of generating 60.3 kw.

Science South is home to more than 50 staff and students from the Department of Agriculture Sciences, which is responsible for teaching and research in animal sciences. The laboratory design is based on a paired, parallel open-lab layout with a concentrated central core providing circulation and dip-in type rooms with utilities, storage, and specialist spaces. These smaller, highly serviced areas are centrally located to improve hydraulic and mechanical design efficiency as well as benefiting the workflow for users.

A purpose-built gene marker laboratory was designed in close collaboration with Professor Jon Hickford and his team. The team specialises in the molecular genetics of ruminants, working to identify genetically superior animals. They are internationally recognised, and recently won the Science and Research Award at the 2021 Federated Farmers Primary Industries Awards.

In May 2022, the building won a Gold Award in the New Zealand Commercial Project Awards in the Construction Marketing Services Education Project category.

