

PROJECT DETAILS

Project Title:

Healthy Futures on Wheels: A mobile, sensory-inclusive platform promoting nutritious and sustainable eating for WA children

Project Summary:

This project delivers a mobile, food-safe platform that brings inclusive, curriculum-aligned STEM-nutrition education directly to primary schools across Western Australia. The fully equipped food truck overcomes barriers related to distance, transport, and limited specialist programs by providing on-site, hands-on learning. Engaging technologies, including interactive 3D food printing, help children explore nutrition concepts, new food formats, and sustainable eating using upcycled second-grade produce. A key focus is supporting neurodiverse children and picky eaters through sensory-inclusive activities that respect texture, smell, and colour sensitivities. The platform generates real-time insights, improving food literacy, sustainability awareness, and equitable child health outcomes statewide.

Preferred Applicant Skillset:

The ideal HDR applicant will have a strong interest in child health, nutrition education, or sensory science, with experience working in school or community settings. Skills in mixed-methods research, data collection, and analysis are essential, along with the ability to design or support hands-on learning activities. Familiarity with neurodiversity, sensory-responsive practices, or picky-eating behaviours is highly desirable. Strong organisation, cultural sensitivity, and the ability to collaborate within interdisciplinary teams are critical to delivering mobile programs across diverse metropolitan and regional contexts.

Internship Opportunity:

Yes

Primary Contact:

Liezhou Zhong
l.zhong@ecu.edu.au
+61 470 213 277