

# The Immersive Ambulance Simulation Module

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Bringing your vehicles inside the classroom



Presented by:

Duncan McConnell

Program Director Griffith University Paramedicine Program

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Program Director Griffith University Paramedicine Program

*MBA(Exec), MCOM, GradCertAmbMgt, DipHlthSc(Amb) DipInfoTech, ACP, AFCHSM, AFAIM, CHM, MAP*

- 20 years in Paramedicine
- Advanced Care Paramedic, Management, Education, Metropolitan, Rural, Military and Commercial experience
- Full-time Griffith University
- Part-time Advanced Care Paramedic Queensland Ambulance Service
- Research Interest - Simulation

# Our Paramedicine Program

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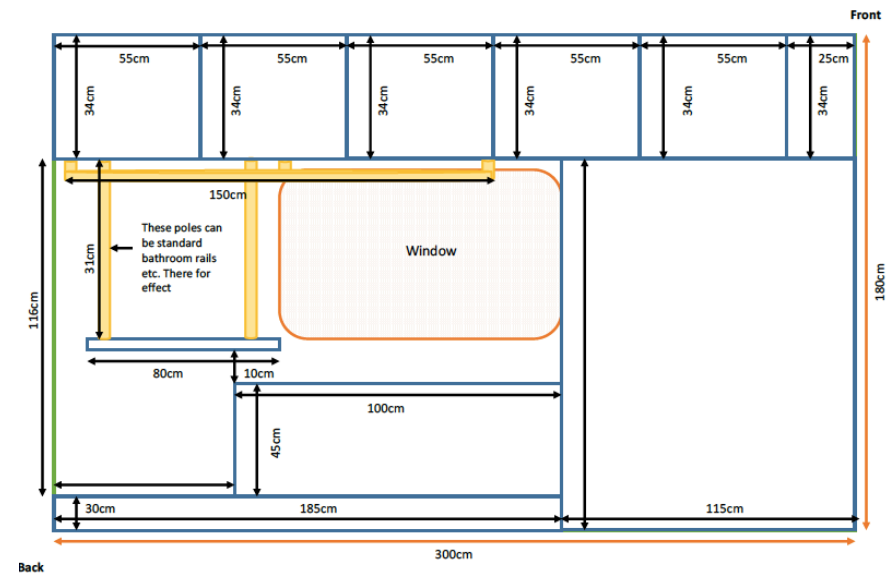
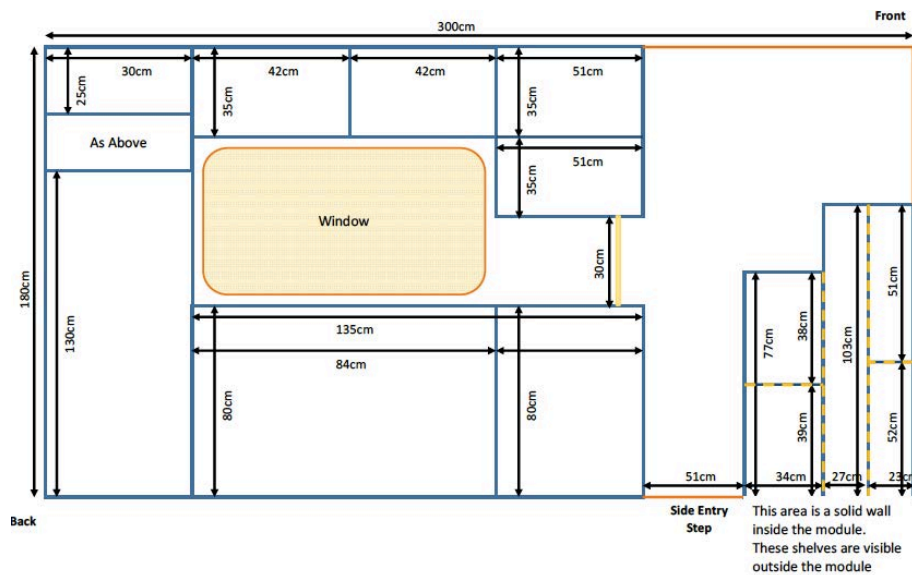
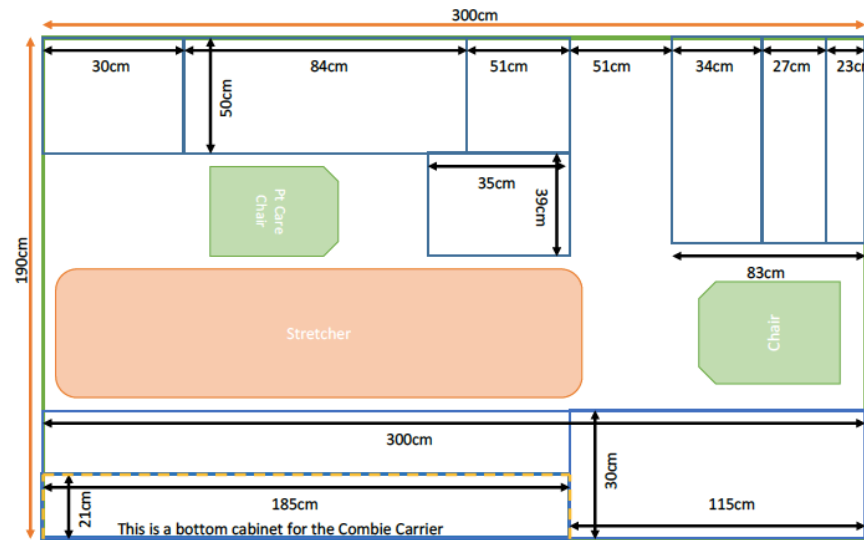
- Newest Bachelor of Paramedicine in Australia
- Housed within a Medical School
- 2.5 Year Accelerated Program
- Capped Student Numbers (50)
  - Single year entry point
  - Multiple student placements
    - Ambulance and other Health settings
  - Courses for exclusion during first and second year
- Follows Health Group foundational science courses is Year 1
- Mid year graduation exit point



# Challenges



# Development





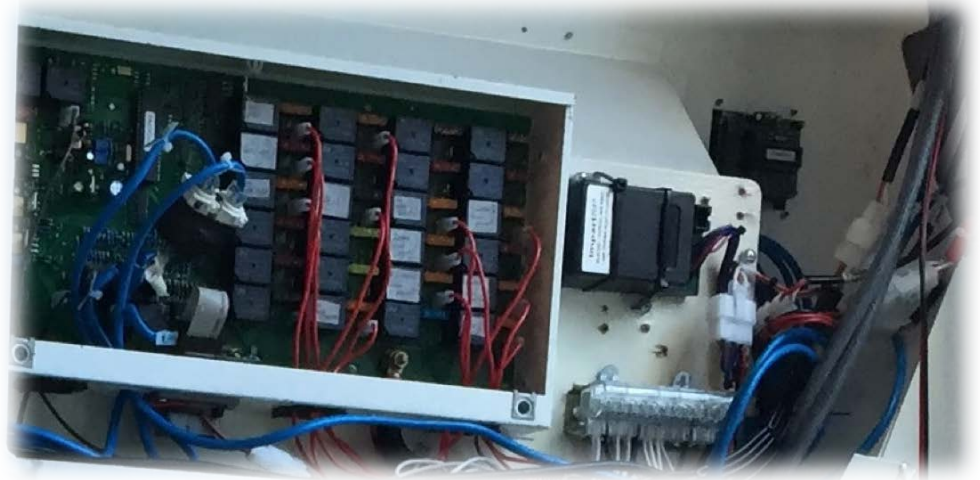
# Development *(continued)*



Bachelor  
School of Medicine – Gold Coast Campus



# Development *(the brains)*



# Development *(continued)*





# Prototype 1 – GUAMB1



# How does it work?



- The module is an actual fully functioning internal replication of a real ambulance with:
- Stryker Powerlife XPS
- Stryker Stair Chair
- CorPuls 3
- Full Oxygen & Suction
- Communications
- Fully stocked cabinets
- Full compliment of paramedic equipment

# Are you still awake?





# Are you still awake?





# Bringing everything to life



# Student Volunteers





**stryker<sup>®</sup>**

# What is next?

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- Construction of
  - Control Room
  - Large scale simulation room(s) to house two modules and virtual simulation surrounds space
- Automation of module device to replicate actual motion
- Inter Professional Learning Opportunities
  - Other Health Students
    - Medical Students
    - Nursing Students
  - Hospital Retrieval Staff
  - Local Paramedic Service Staff



## **Duncan McConnell**

Program Director Griffith University Paramedicine Program  
School of Medicine

Email: [duncan.mcconnell@griffith.edu.au](mailto:duncan.mcconnell@griffith.edu.au)

Ph: +61418 886 693

Web: <https://www.griffith.edu.au/health/paramedicine>

Griffith Health Building (G40)  
Gold Coast Campus  
Parklands Drive  
Griffith University, QLD, Australia, 4222