


Environmental Methods of Simulation in Paramedic Education



**Duncan McConnell – Senior Lecturer - Paramedicine
Griffith University, Queensland, Australia**



*While I may mention
products, companies or
equipment throughout this
presentation, but by no
means am I representing
them in any sales or
marketing capacity.....*

Disclaimer

A little about me

- Foundational Program Director – Griffith University Paramedicine Degree
- Senior Lecturer
- PhD Student
- Queensland Ambulance Service Part-time Community Paramedic
- Research Interests:
 - Simulation Methodologies
 - International Ambulance Models in Developed & Developing Countries



Duncan McConnell

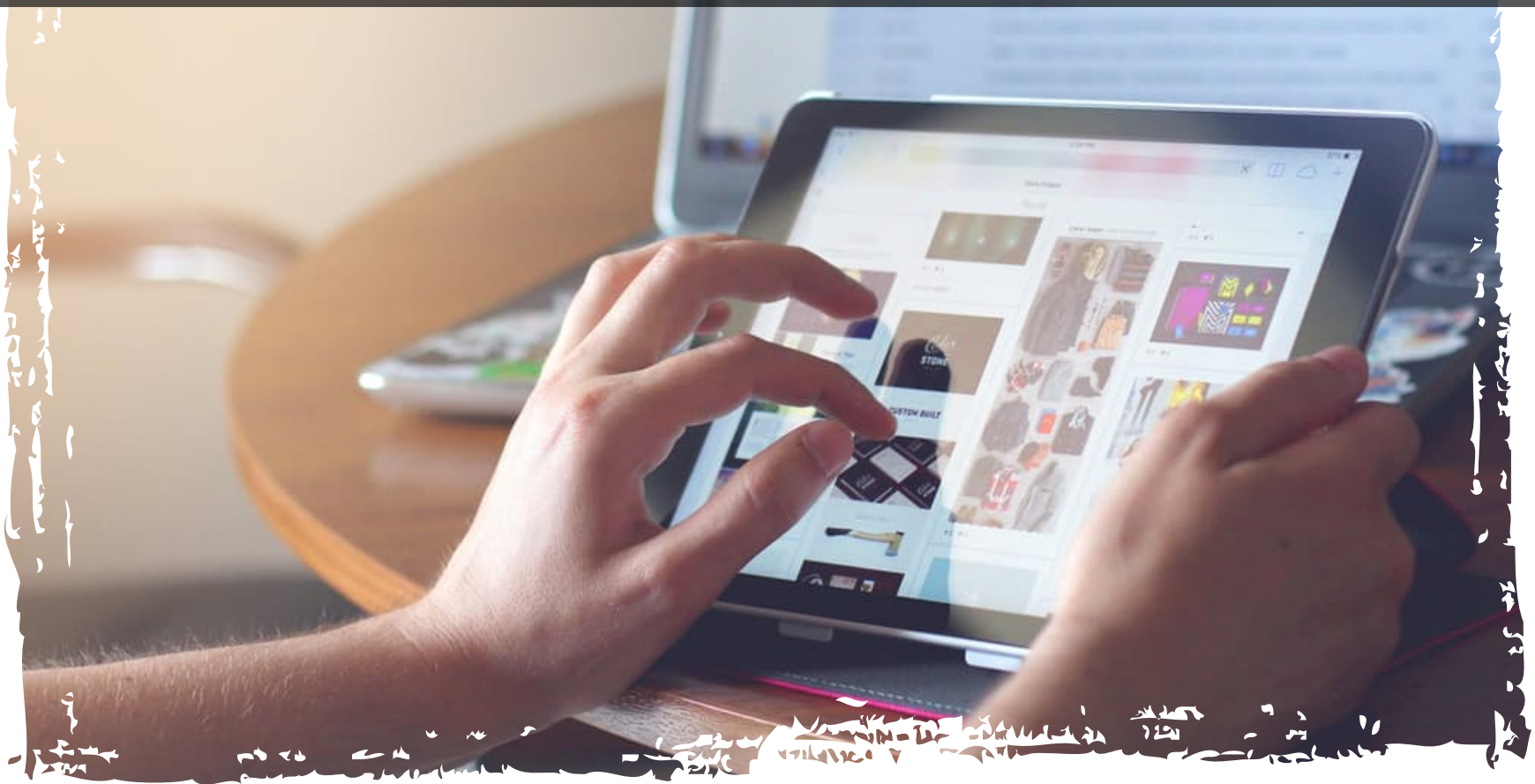


Graduated July 18 2018

When I say simulation you say?



How does simulation work for you?





Environmental Factors



What are they?

Weather



Surrounds



Sounds



Real People

Simulated Patients



Time Management





Incorporating

Environmental Factors
into
Simulation

Simulation Learning Outcomes / Objectives



Why are we here

- Objectives of Sim
- Benefits to students
- Benefits to patients
- New / Update to current practices

Trouble Shooting

- Plan if something goes wrong
- Right Support in place

The Scene

- Team / Teams
- Location
- Appropriate notification

Closing

- The debrief
- Reflection

Additional resources

- Manikins, SPs, Assessors, Other Services

9 year old reversed over by an SUV



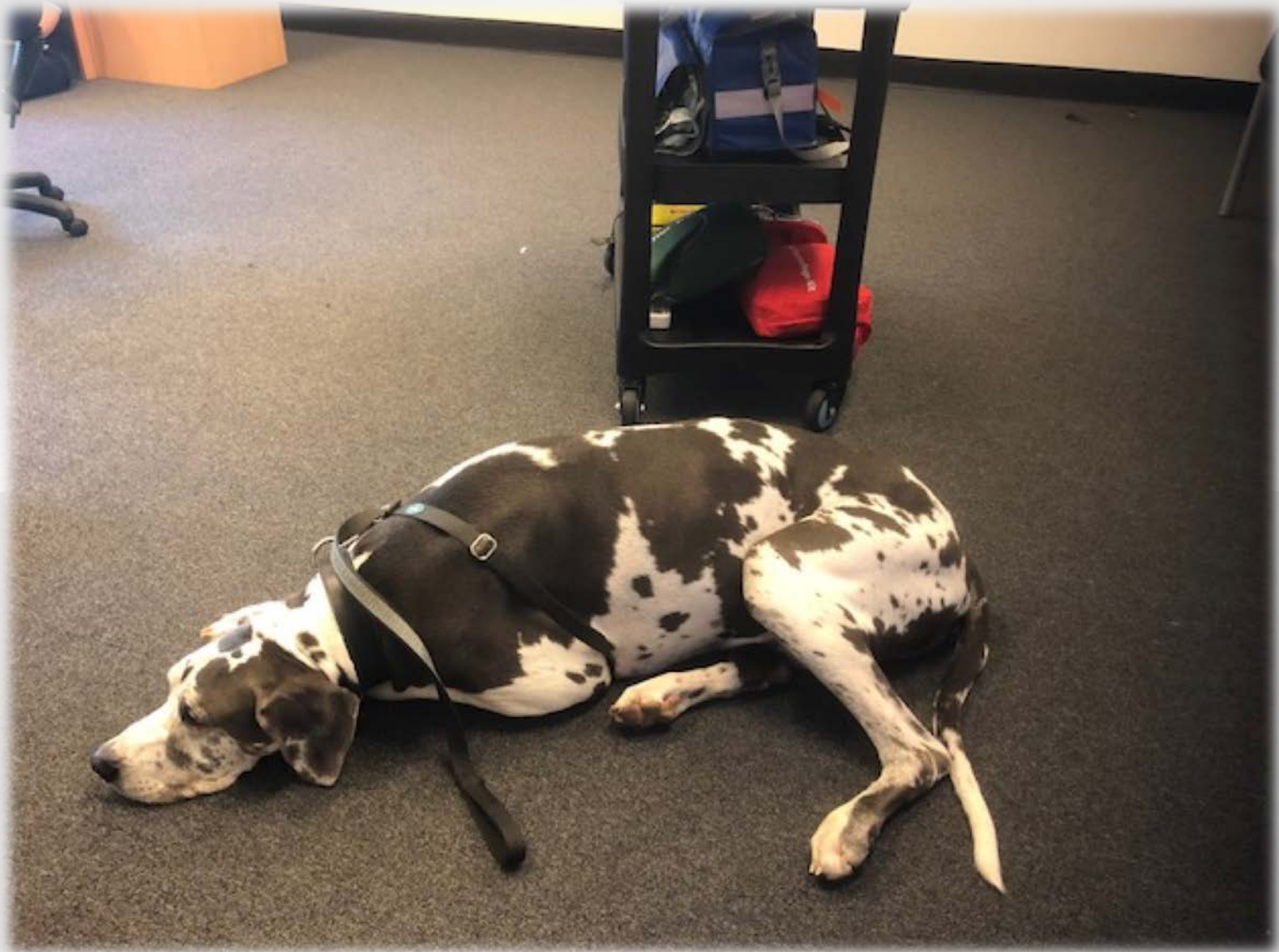
Assistance Animals - Small



Assistance Animals - Large



Assistance Animals



HEMS – Complex Training & CRM



Great Western Air Ambulance Charity (GWAAC)



Immersive Environments



Immersive Ambulance Simulator





Inter-Professional Simulation Journey

Paramedicine

Nursing

Prehospital
Management

MediView Mobile (Powered by Beyond Lucid Technologies, Inc.)

MEDIVIEW Mobile

Duncan McConnell | Vehicle # 01 | Logout | Quit

Record # 676

Complaint Impressions Physical Vitals Scales/Scores Devices ECG Fetal Monitoring Labs

Home

Start Here

Incident

Patient

Health

Assess

Treat

Dropoff

Review Submit

HIDE

General Physical Assessment Info

Weight kg LBS NA UC R UC

Length-Based Tape Measure NA R UC

Initial Assessment Date Time Now

PHYSICAL

HEAD

FACE

NECK

CHEST

LUNG SOUNDS

HEART

ABDOMEN

PELVIS / GU

SPINE

EXTREMITIES

EYES

NEURO

MENTAL

SKIN

Head

Face

Neck

Chest

Lung Sounds

Heart

Abdomen

Pelvis

Back/Spine

Extremities

Eye(s)

Neurological

Mental

Skin

Within Normal Limits

TOOLS

DOCUMENTS

10:44:58

Agency Collaboration



Sneak Peak of future research for 2019:

Current International Ambulance Modules Comparison Research
Locations include:



Community Paramedicine in Developing Countries. Ethics Approval GU Ref No: 2018/570

Contact Details



Duncan McConnell

MBA(Exec), MCOM, GradCertAmbMgt, DipHlthSc(AMB), DipInfoTech
AFHSM, AFAIM, CHM, MPA

Senior Lecturer – Paramedicine

Telephone +61 (0)7 5678 0886

Facsimile +61 (0)7 5678 0303

Mobile +61 (0)418 886 693

School of Medicine

Griffith Health Centre

Gold Coast Campus

Griffith University, Queensland 4222

Australia

duncan.mcconnell@griffith.edu.au

griffith.edu.au

A man in a yellow shirt and dark pants is playing a red electric guitar on a paved road. He is looking up and to the right. The road has white dashed lines and yellow markers on the sides. In the background, there are large, dark, conical mountains under a cloudy sky.

Thank-you

Any Questions?