



**BOND
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TRANSLATIONAL SIMULATION

Sim Reconnect a big success

Our second annual Simulation Reconnect symposium was held at Bond in November. Over 100 enthusiastic attendees enjoyed updates, innovations and conversations from the translational simulation community. Our keynote speaker, Vicki Leblanc from Ottawa, Canada, shared insights about stress, simulation and learning.

More about the event in this [IJHOS blog post](#).

More about stress and simulation in our ICEnet Blog

[“Simulation, Stress, and Learning”](#)

Laerdal in Stavanger, Norway

Vic was a guest of Laerdal in Stavanger, Norway in November, discussing mutual interests and collaboration to support translational simulation practitioners.

From humble origins as a toymaking business, Laerdal has become a major player in education, simulation and global health. The Bond TSC enjoyed the support of our local Laerdal team at Sim reconnect again this year – thank you Kelly and team.



[More about Laerdal here](#)

web: [Translational Simulation Collaborative](#)

email: translationalsimteam@bond.edu.au



www.simulationpodcast.com



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Writer's studio with Lorelei Lingard

Lorelei Lingard will be running the intimate Writers Studio on campus at Bond University March 19-22 2024 for a small group of attendees. This is an amazing opportunity to delve into writing manuscripts, grammar pearls, well-structured sentences and paragraphs, and making a story out of your study.



- 4 x 4-hour morning sessions
- 1 hour 'quick hits' each afternoon
- Complimentary attendance at the Writers festival Monday 18th March

Submit your EOI here.

Sim for opening new hospitals: Woodlands Health, Singapore

The Woodlands Health team are about to move into their new hospital in Singapore. Vic joined the team in October for their latest round of simulations to test the facility and planned workflows and patient journeys. The highly engaged clinical teams are a tribute to the thoughtful approach by the leadership and simulation groups at Woodlands.



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Academic translational simulation !

Dr Joanna Haynes successfully defended her PhD thesis in Stavanger, Norway in November. - **Bridging the clinical experience gap: – using simulation to improve ventilation performance during neonatal resuscitation in a high-resource setting.**(full text in the link)



Under the supervision of Hege Ersdal and Siren Rettedal from SAFER and University of Stavanger, this work is an exemplar of connecting simulation to meaningful training and clinical outcomes. Central to the work was the validity testing of the NeoNatalie Live mannikin and the study of training 'dose' required by staff for maintaining competence in neonatal resuscitation.

[More about the Helping Babies Breathe program here](#)

Virtual reality laparoscopic simulation for operating theatre efficiency

Congratulations to Assoc Prof Belinda Lowe and team for this important work.

“Introduction of a laparoscopic simulation VR credentialling program resulted in a significant reduction in operative time for laparoscopic salpingectomies in our institution. Educational programs should aspire to translational, patient-focused outcomes in their design and delivery.”

[Link to the article here](#)



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JULY 2022



Recommendations for embedding simulation in health services

Recommendations for implementing an organisational simulation consultancy service in tertiary healthcare

1 Governance & Leadership

- Interim steering committee
- Mission, vision and values statements
- Funding model to support a simulation consultation service
- Centralised booking and data collection system

2 Human Resources

- Appoint leadership team
- Faculty development
- Establish Simulation Technician role
- Simulation Fellow program

3 Principles & Planning

- Foundational principles
- Pillars of activity
- Partnerships
- Identify priority programs of work

4 Operationalise & Evaluate

- Launch the service
- Integrate within existing systems
- Measure impact
- Review, revise, close the loop

5 Look to the future

- Actively seek opportunities to innovate
- QI program that is responsive to dynamic staff and patient needs
- Share what is learned

Congratulations to Ellie Davies and team for some great work on the ‘How’ of translational simulation. They we offer recommendations for designing and launching a simulation consultancy service that will support the quality and safety goals of a contemporary health service, whether multi- or single site. Theoretical lenses - relevant principles from the implementation science and change management literature - practically applied to realities of complex healthcare organisations”

[Read the full article here](#)

Faculty development for translational simulation

In this study we interviewed leaders of translational simulation programs. We found that faculty development for translational simulation is embryonic, with even established programs taking predominantly informal approaches. Respondents suggested a need for “knowledge and skills from diverse fields such as quality improvement and safety science,

[Read the full article here](#)



Translational Simulation in Healthcare Microcredential

MASTER THE SKILLS TO CRITICALLY EXAMINE CURRENT HEALTHCARE PRACTICES TO INNOVATE AND DRIVE IMPROVEMENT IN YOUR WORKPLACE.

Translational simulation employs diverse simulation techniques for healthcare improvement. The approach is twofold - exploring team and system performance in complex healthcare environments and testing planned changes in physical space or clinical processes. In this microcredential you will learn to:

- Design, deliver and debrief a translational simulation session and/or program.
- Develop and implement a personal project with coaching from experts.
- Successfully integrate simulation programs into health services.

The course is delivered over 12 weeks, commencing in January. It is conducted through a series of self-paced online modules, coaching sessions, and two one-day workshops.

MEET YOUR COURSE INSTRUCTOR - PROFESSOR VICTORIA BRAZIL



Victoria is an emergency physician and medical educator. She is Professor of Emergency Medicine and Medical Director of the Simulation Service at the Gold Coast Health Service, and leads the Bond University Translational Simulation Collaborative. Her main interests are in connecting education with patient care - through translational simulation for healthcare, and in developing high performing teams.





ICYMI: SIMULATION SELF-DEVELOPMENT MODULES

To learn more and get started by downloading them visit the [Simulcast Website](#).

What are they?

A series of self-guided modules...

Healthcare simulationists are often working in isolation with limited opportunities for professional development, so we've worked together with simulation fellows and experts from across the world to bring you downloadable resources to help each other grow.

Who made them and who are they for?

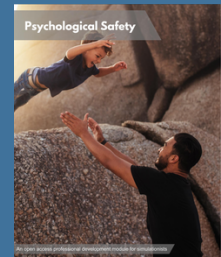
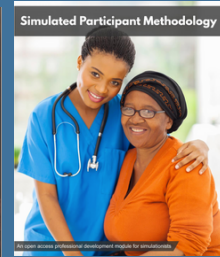
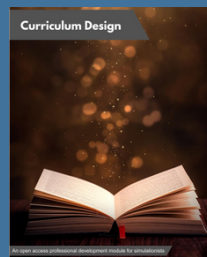
Those who need them!

Most of the modules are created by simulation registrars and fellows in consultation and collaboration with simulation experts. As such, we hope they are most helpful for those who need them most! We anticipate they will be useful for simulation trainees and educators.

What topics are covered?

We have tried to cover a wide breadth of topics that we think will be useful to those starting in simulation or those looking to dive a bit deeper into more complex aspects of the art. So far we have published modules on:

- [Curriculum Development](#)
- [Interprofessional Education](#)
- [Psychological Safety](#)
- [Simulation Patient Methodology](#)
- [Simulation Research](#)



Keep your eye on the [Simulcast website](#) for modules in development that will be published soon on a wide range of topics including:

- Difficult Debriefing Conversations
- Debriefing Structures
- Debriefing Questions
- Intro to Quality and Safety
- Translational Simulation
- Equity, Diversity, and Inclusion in Simulation
- Clinical Event Debriefing

How to use this module



Module progresses from foundational concepts to advanced practice. Self direct how deep you want to go!

Exercises are designed to work on your own or to discuss with a friend over coffee.

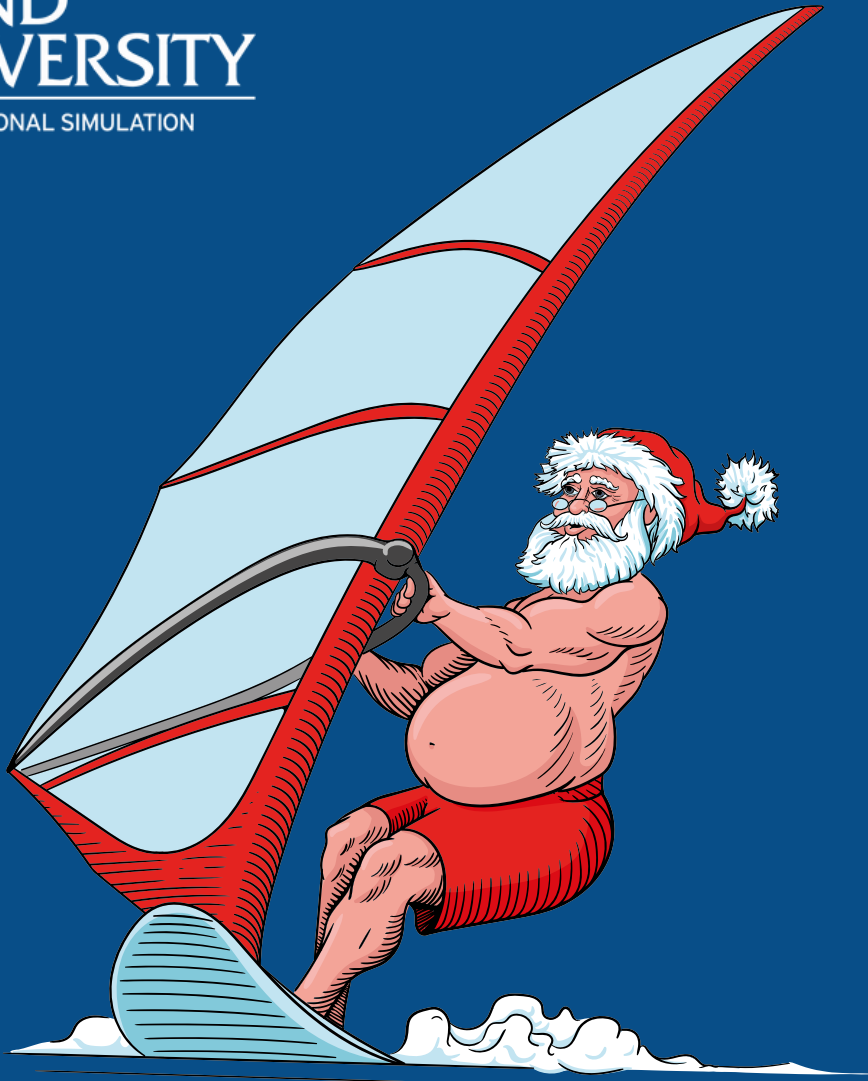


Open access links sometimes break! Let us know via @sim_podcast

Have ideas? Want to get involved? Email Ben at drbensymon@gmail.com



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**Happy Holidays from the Bond
Translational Simulation
Collaborative**

**Thank you for your support during
2023 and we look forward to working
with you in the New Year**