



Dear team,

This week's message has a research focus, acknowledging the thriving research culture that TPCH is renowned for.

The recently released TPCH 2023 Research Report proudly showcases some of our research community's most notable accomplishments—many of which are testament to the power of collaboration within the hospital and with universities, institutes, and other hospitals across the nation and the globe.



These achievements, born from incredible collective efforts, were accomplished while individuals and teams remained responsive to frontline demands. I'd like to pay a special thanks to A/Prof Michael Nissen, Director of Research at TPCH, for all the work he has done to support our research teams and bring together this work.

Click [here](#) to read the full report.

Please also keep an eye out for correspondence in the coming weeks from The Prince Charles Hospital Foundation's Research Manager, Megan Grace, who will be calling for submissions for the 2024 report soon.

Executive update

BiVACOR total artificial heart in TIME magazine

Congratulations to the team behind BiVACOR total artificial heart, named in TIME Magazine's Best 200 Inventions of 2024. <https://time.com/7094892/bivacor-total-artificial-heart/>

While completing his PhD at QUT, Dr Daniel Timms started developing BiVACOR. Dr Timms and CCRG Director, Prof John Fraser went on to establish BiVACOR in CCRG's now world-renowned Innovative Cardiovascular Engineering and Technology Laboratory (ICETLab) here at TPCH. The team completed the first pre-clinical trials of the device at CCRG between 2006 and 2013 before Dr Timms moved the study to the US in 2013.

"The Common Good were just brilliant to BiVACOR. We couldn't have done the work without their help and support" – Prof John Fraser.

Congratulations to the whole team.

ECMO course

This week the TPCH ICU faculty delivered the Adult Extracorporeal Membrane Oxygenation (ECMO) course to participants from all over Australia. The course curriculum is designed to allow participants to train in a safe, team environment and learn the technical and non-technical skills needed to provide high quality ECMO care. It includes the use of both handmade and modified

mannequins thanks to skilled clinicians with a side hobby of mannequin design.

The Metro North value of teamwork is at play as teams learn to work together in different roles and different scenarios. International leaders in ECMO joined via Teams to support this exemplar course at TPCH. Participants return to their home sites confident in their new skills and working within their own ICU teams to save more lives across Australia. Well done ICU on your nationwide impact.



ECMO course participants.

Kallangur Satellite Hospital peer review

This week Kallangur Satellite Hospital underwent a peer review led by Executive Director Clinical Governance, Grant Carey-Ide. As part of the process, a range of peer assessors were on site visiting areas throughout the Satellite Hospital. The assessors had many positive comments and thanked staff for being so welcoming and engaging during the peer review. I would like to thank everyone for their cooperation, and I look forward to receiving the final report.

Recent positive media

Professor Kwun Fong and Associate Professor Henry Marshall's study involving the provision of free CT lung scans and smoking cessation was the focus of several media segments through the week. Smokers aged between 50 and 80 who want to give up can now access free nicotine replacement therapies and potentially life-saving lung cancer screening by participating in the study. You can view the Channel Seven news segment here: ([1 November](#)) and ([4 November](#)). Those wanting to join the study can phone Quitline on 13 78 48 (13 QUIT) or self-refer through [Quit HQ](#).

The short documentary 'In the Heart Of ... The Emergency Department' which was filmed at TPCH earlier in the year has now been released. Filmed in real-time, cameras followed our doctors and nurses over a 48-hour period, taking viewers behind-the-scenes into one of Queensland's busiest emergency departments. You can view the short videos, including [Dr Mai Sui](#) and registered nurse [Liam](#). The full 11-minute documentary is available on Qld Health's YouTube channel.

Thank you to everyone involved in the filming of the short documentary. It provides real insight into the important work that our amazing staff do every day in emergency.

TPCH Occupational Violence Roadshow

The TPCH Occupational Violence Roadshow is being held on Thursday 14 November.

There are still spots available in the education sessions (see below). If you would like to attend you can [register here](#).

Time	Registrations
9:00-10:00am	11/24
10:30-11:30am	6/24
1:00-2:00pm	9/24

In addition to these education sessions, we also have the opportunity for the Qld Occupational Violence Strategy Unit (QOVSU) team to visit identified wards/teams that would benefit on having a mini-in-service on the day (outside the above session times). Let your Team Leader know if this would be of use to your team.

QOVSU will also have a walk-up stall for staff to come and talk to the team anytime between 9am – 3pm.

Infrastructure update

Project planning is currently underway to facilitate a power shutdown **next Saturday 16 November 2024** to enable the replacement of Ring Main Unit 6 which feeds power to various buildings at TPCH. The following TPCH buildings will be impacted and transitioned to run off essential power (generators) for the duration of the replacement works – approximately 16 hours.

- B01 Main Acute Hospital Building
- B02 Common Good Café
- B03 Clinical Sciences Building
- B15 Cardiac Intensive Care Wing (CICW)
- B07 Administration Building

No other buildings are expected to be impacted.

Can I please ask that everyone impacted read all email communication about the planned power shutdown. In addition, staff and managers can join the [TPCH Emergency Power -Planned Works Microsoft Teams Page](#) to access further information and live communication updates in readiness for Saturday 16 November.

Staff profile

With this week's research focus, it is fitting that our staff profile is TPCH's 2024 Researcher of the Year, Ieuan Evans. Ieuan started in the role of Staff Specialist, Thoracic Medicine at TPCH in May 2023, having moved from the UK where he was working at the Royal Papworth Hospital, Cambridge.

Ieuan works across the Adult Cystic Fibrosis Centre, the non-tuberculous mycobacterial service, and the general thoracic medicine service. He has a special interest in bronchiectasis and complex lung infections and is heavily involved in research across these areas, including running various clinical trials.

Ieuan loves the variety and diversity that he experiences in his day-to-day job.

"The specialist areas that I am lucky enough to work in are all very different but there is also a large degree of overlap between them. This means that I can draw on my experiences in one area to help optimise patient care in another," said Ieuan.

"I also like to be challenged, working in areas where there is not much evidence to guide practice. This is particularly the case for non-tuberculous mycobacterial infections and really allows us to practice in novel ways, always searching for newer and better treatment options for patients with these hard-to-treat infections."

Outside of work Ieuan takes part in endurance sports, in particular triathlon, which he took up during the COVID pandemic to take his mind off things. Since then, he has completed four half



ironman distances, the last two being in Port Macquarie and the Sunshine Coast earlier this year, and more recently completing the Noosa Tri.

Shout out

A word of appreciation and thank you this week to Hayden Pinsker in the Medical Workforce Unit at TPCH.

The iPad system supporting Ward Call for the hospital malfunctioned last Friday afternoon. IT was unable to resolve this over the weekend due to the nature of the problem with the devices themselves requiring an IOS update and re-installation of the software.

On Monday morning Hayden went above and beyond, taking full responsibility to perform the required IOS update and re-installation of software on the ten devices – a time-consuming exercise. Thank you for your dedication and quick action to ensure that everything ran smoothly for Ward Call that evening. Along the way Hayden also identified that a couple of the charging cables needed replacing and swiftly took the appropriate steps to order, collect and install these.



We truly appreciate your hard work and commitment to supporting our doctors and our team – You are a real asset to us all!

Quote: “Research is seeing what everybody else has seen and thinking what nobody else has thought” – Albert Szent-Györgyi

Kind regards,

Dr Julieanne Graham
Acting Executive Director
The Prince Charles Hospital

We respectfully acknowledge the Traditional Owners and Custodians of the land on which our facilities are built. We also pay respect and acknowledge Elders past, present and the future.

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