

Newsfeed No. 57

April 2024



Health Infrastructure's Rebecca Wark (centre) celebrated the Project of the Year award alongside representatives of Lendlease (principal builder) and PwC Australia (project manager).

Prince of Wales Hospital Acute Services Building wins Project of the Year award!

Health Infrastructure's Chief Executive, Rebecca Wark, was honoured to accept the *Project of the Year* award for the Prince of Wales Hospital **Acute Services Building** (ASB) at the Infrastructure Partnerships Australia 2024 National Infrastructure Awards in April, on behalf of the broader project team.

The coveted accolade showcases excellence in the Australian infrastructure sector, celebrating outstanding projects achieving success through public-private collaboration.

The ASB was the catalyst project for the broader [Randwick Health & Innovation Precinct](#) and has delivered world class infrastructure that is enabling new and innovative models of patient-centric care.

To win *Project of the Year* among such high calibre projects is a remarkable achievement and testament to the incredible efforts of the ASB project team and many campus partners. Congratulations to all who contributed to the successful delivery of this award-winning project!



Also in this edition:

- ✓ Inside the future SCH1/MCCCC building
- ✓ Planning the ASB's new operating theatres
- ✓ Research collaboration supporting healthcare
- ✓ Future link bridge to connect campuses
- ✓ Out and about with the project team
- ✓ Sneak peek at future public laboratory

For more information:

 randwickcampusredevelopment.health.nsw.gov.au

 randwickcampusredevelopment@health.nsw.gov.au

 1800 571 866

Inside the future SCH1/MCCCC...

The Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre (SCH1/MCCCC) is on track to reach a major construction milestone as the building progresses to full height.

Installation of the colourful façade is progressing quickly, alongside the removal of internal formwork and commencement of early fit-out works.

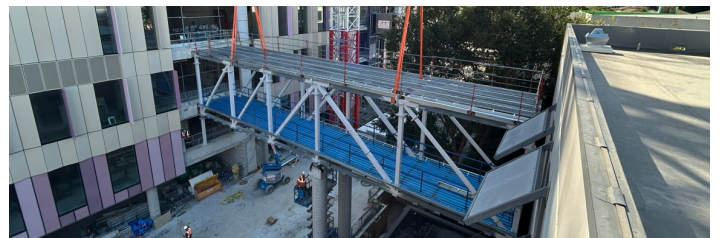
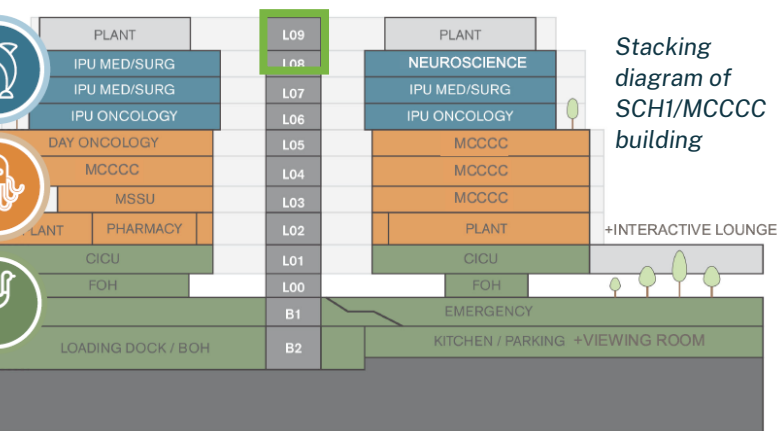
The staged installation of multiple link bridges connecting to adjoining buildings continues, with the first bridge recently installed between the existing and new children's hospital buildings (pictured right).

In recent editions of Newsfeed, we've shared details of the services and facilities that will feature on each floor of the 12-storey building, and this month completes the series with the final two levels. Be sure to check out [previous editions](#) for information about what will be housed on lower levels of the building...

Level 8:

This level will be home to the Neurosciences Comprehensive Care and Research Centre and rehabilitation beds. The Centre will provide care for patients living with neurological and neurosurgical conditions, and trauma-related presentations. In addition, the Centre will have a dedicated telemetry hub for diagnosing and monitoring seizure-related disorders.

The floor will combine inpatient and clinical services with pioneering research spaces.



Level 9:

Essentially the building's engine room, this level will be a dedicated plant space for mechanical engineering functions including air conditioning cooling towers and equipment, water heating and cooling, and fire hydrant tanks, supporting modern engineering technology. Level 9 will also be topped by a concrete roof fitted with solar power technology to supplement mains power, in line with the Sydney Children's Hospitals Network's commitment to delivering a sustainable building.



For more information:

 randwickcampusredevelopment.health.nsw.gov.au

 randwickcampusredevelopment@health.nsw.gov.au

 1800 571 866

Creating state-of-the-art operating theatres in the ASB

Work is underway to ensure the operating theatres on level one of the Prince of Wales Hospital (PoWH) Acute Services Building (ASB) will deliver the highest level of care when they open in 2025.

The PoWH Change and Commissioning Team is working with operating theatre staff on the design, model of care and identification of state-of-the-art equipment for the new facilities.

The Acute Services Operating Suite (ASOS) will house 12 operating theatres, including an emergency theatre and a hybrid theatre. The hybrid theatre will have built-in imaging capabilities, designed to perform minimally invasive surgery and enable conversion to an open procedure.

Developing a model of care is a key area of focus for the team. This will include a new model for the satellite day-of-surgery admissions space in the theatres suite. It will also address workflows between the current Randwick Campus Operating Suite (RCOS) and ASOS.

“The new PoWH theatres in the ASB will be spectacular,” says Andrew Maxwell, Nursing and Operations Co-Director of the Surgery Program at PoWH.

“A lot of groundwork has been done to put patient flow at the forefront of our management. The surgical departments have been engaged in developing new, innovative models of care. All perioperative staff cannot wait to move in once they are complete!”

The PoWH Furniture, Fixtures and Equipment Project Officer, Dindin Latorre, is confirming the specialised equipment required for the new theatres with the clinical team. Specialists from neurosurgery and vascular surgery, amongst others, will provide input.

To deliver the future operating theatres, construction activity within the ASOS space on Level 1 of the ASB will commence in the coming months and continue throughout 2024.





Connecting health through data visualisation

On Level 3 of the UNSW Integrated Acute Services Building (IASB), researchers will bring ethically sourced information and medical technology together to support patients through sensors, devices and the generation of data.

Computational modelling will be used to analyse the data and predictive analytics to show trends.

Researchers will work directly with the ASB's Community Management Centre, focusing on supporting the hospital's strong tele-clinical, virtual care and remote monitoring capabilities.

An established collaboration that's already supported the tele-clinical monitoring of over 8,000 people with COVID, UNSW will work with the Community Management Centre and to support patients at home by monitoring conditions like stroke rehabilitation, gestational diabetes and other conditions.

Data that is produced can be used not only to treat an individual but to make predictive models for diagnosis or prevention based on medical images and other data.

Pictured above: Hyperspectral imaging is a new diagnostic technique that Biosensing and Imaging researchers are developing to a 'fingerprint' to allow differentiation between healthy and non-healthy cells or tissues. The technique uses light to capture the native fluorescence of cells, allowing biochemical and molecular information to be obtained, benefitting label-free, non-invasive diagnostics.

Physical link between UNSW and Randwick Health Campus is coming!

Construction on the new 16-storey UNSW Health Translation Hub (HTH) is well underway, with concrete structure work complete up to Level 5.

Over the coming months, the Level 2 campus pedestrian connection bridge will be lifted into place over Botany Street – linking UNSW's Wallace Wurth Building with the HTH. Preparation works include initial piling outside the Wallace Wurth Building from mid-May.

An additional HTH link bridge connection to the Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre (SCH1/MCCCC) building on Levels 2, 3 and 4 will also be installed during the coming months. This link bridge will enable seamless connectivity from the university campus through the UNSW HTH to Sydney Children's Hospital, Scientia and across to Prince of Wales Hospital's Acute Services Building (ASB), via Level 2 of each building. Once complete, the UNSW Kensington Campus will be physically linked to the Randwick Health Campus, via the HTH.

Due to be completed in 2025, the HTH will bring together educational and medical researchers, clinicians, educators, industry partners and public health officials, driving excellence and supporting the rapid translation of research, innovation and education into improved patient care.



For more information:

 randwickcampusredevelopment.health.nsw.gov.au

 randwickcampusredevelopment@health.nsw.gov.au

 1800 571 866

Public lab will provide a glimpse behind-the-scenes

Research will be a big part of the new Minderoo Children’s Comprehensive Cancer Centre (MCCCC), which will have dedicated spaces within both the new children’s hospital and cancer research building, and the adjacent UNSW Health Translation Hub.

Research activities will span the entire spectrum – from laboratory research to prevention and treatment – accelerating innovation to intervention in research-driven clinical care.

Nowhere will this be more visible than in the Children’s Cancer Institute lab spaces, and to

help inspire hope and discovery, there will also be an exciting new public lab space in the ground level front of house area of the SCH1/MCCCC building.

The public lab will provide an innovative way for the community to learn about breakthrough research behind the cancer journey, and experience first-hand scientific demonstrations.

On completion of the project, members of the public will be able to tour the public lab, offering an exciting and informative way to explore research.

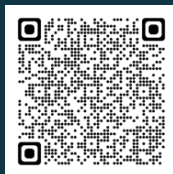
Pictured: Artist impressions of future public lab space on ground floor of SCH1/MCCCC building.



Learn more about RCR

Keen to know what’s being delivered as part of the Randwick Campus Redevelopment?

Be sure to check out our [interactive map](#) for the latest information on construction activities across campus, or to learn more about each of the Randwick Campus Redevelopment projects.



For more information:

 randwickcampusredevelopment.health.nsw.gov.au

 randwickcampusredevelopment@health.nsw.gov.au

 1800 571 866

Out and about with the redevelopment project teams and stakeholders

There's always something happening across our projects – from activations to events and site visits, check out what some of the team has been up to recently...



April has been a busy month, but even the Easter Bunny took time away from egg deliveries to check out progress on the SCH1/MCCCC construction site!

Decked out in hard hats and vests, patients and their families joined the Easter Bunny, Starlight Foundation helpers and project team members for a visit to the construction site to get a closer look at façade installation activities, followed by a fun Easter egg hunt in the nearby playground space.

The initiative was made possible by the team at John Holland, with special thanks to Bunnings Warehouse Randwick for donating fun construction toys for the kids!

Did you know? *The building's façade will boast 2,500 glass and aluminium panels in 39 different colours, which were carefully selected to tell the story of Randwick's diverse natural landscape.*



Members of the SCH1/MCCCC project team joined the Sydney Children's Hospitals Network Youth and Transition Team at a Career Forum on Tuesday 16 April to promote careers in redevelopment and healthcare. The diverse panel included representatives from across various career paths including medicine, project management, engineering, construction, art therapy and fundraising.



UNSW Senior Development Manager, Shane McLoughlin, was recently joined by Interim Dean of Medicine & Health, Professor Adrienne Torda, to check out progress of the new collaborative meeting space on the ground floor of the UNSW Integrated Acute Services Building (IASB).



Joinery has now been installed in the Clinical Research Innovation Facility, which is due to open mid-year.

For more information:

 randwickcampusredevelopment.health.nsw.gov.au

 randwickcampusredevelopment@health.nsw.gov.au

 1800 571 866