

ACSE Awards 2020 – Judges Citations

Judging Panel 2020: Joyce Lee - 2020 President, ACSE NSW
Tim Hogan - 2019 Gold Medal Winner
Prof. Brian Uy - Head of School of Civil Engineering, University of Sydney
Greg Ewing – General Manager, Engineers Australia - NSW & ACT Division
Andrew Nimmo – NSW Chapter President, Australian Institute of Architects
Trudy Myers – Retired ACSE Board Member

Small building projects category (less than \$8million)

Extruded House, SDA Structures

Whale Beach House, Partridge (High Commendation)

- Narrowly missing out on winning the category, the project team on Whale Beach House faced numerous challenges to produce a stunning house for their client.
- Situated on a steep and constrained site, the designers had to provide multiple shoring systems to suit the different construction staging requirements.
- They should also be commended for their 4.5m cantilever balcony design to provide its owners with the expansive harbour views (which would have made them very happy!)

Balmain House, Partridge (WINNER)

- In a tightly contested category, Balmain House edged out as the winner due to the numerous challenges it had to overcome, whilst maintaining the architecturally elegant design.
- The project showcased the use of curved off form concrete walls, re-use of existing heritage elements and effectively integrated both the new design with the existing heritage elements.

Medium building projects category (\$8million - \$50million)

Smalls Road Public School, SCP Consulting

Joan Sutherland Theatre Accessibility Upgrade

Campbell's Stores, TTW

Wildlife Retreat at Taronga Zoo, TTW

Adaptive Reuse of HMAS Platypus, SDA Structures

Ken Rosewell Area Redevelopment, Arup (WINNER)

- The project is to be celebrated for its re-generation and repurposing of an existing asset through the use of modern-day materials and digital innovation to optimise the design for a sustainable outcome.

Large building projects category (over \$50million)

Bankwest Stadium, Aurecon

University of Wollongong Molecular and Life Sciences Building, Robert Bird Group

Blacktown Hospital Acute Services Building, Robert Bird Group

Sydney Metro Northwest Stations, Mott MacDonald

Sydney Coliseum Theatre, TTW

Phoenix Art Gallery, TTW (WINNER)

- One of the unique projects in Australia that can demonstrate the successful “yin and yang” integration of architectural design and structural engineering into the seamless outcome.
- The use of varied materials for different architectural features that required first principles engineering such as the 8m dimple window frame is also deserves recognition.
- This building would have challenged the structural engineer’s skills and lateral thinking greatly and required outside the box innovation to solve! Kudos to the team!

Unusual Projects category

UTS Sunshade & Operable Louvres, Partridge

Wynyard Place - Shell House, TTW

Powerhouse Agora, SDA Structures

The Ribbon Hotel - Tie Floors, Bonacci Group

Pymont Bridge Restoration, Robert Bird Group (WINNER)

- Full of engineering ingenuity to restore a critical and historic asset in the heart of Sydney CBD.
- What was more impressive was undertaking the construction works in a “live” environment which the structural engineers had to consider and incorporate into their design!

Female Engineer category

Aubrey Bullen, Robert Bird Group

Ruba Trim, Bonacci Group

Siobhan Tapia-Smith, Aurecon

Emma Buis, TTW (WINNER)

- Emma has demonstrated a diverse set of leadership skills and experience in her career, including projects, TTW chartership program, engagement with university and industry mentoring.

Emerging Engineer category

Rishele Lu, SCP Consulting

Jeff Chen, Aurecon

Nicholas Smith, Robert Bird Group (WINNER)

- Nick demonstrated enthusiasm and experience beyond his years of employment in consulting to take on the site role of a major project in Sydney.
- He has also showed initiative outside of his day to day work to contribute to various industry and peer groups.