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## PROFESSIONAL EXPERIENCE

## REBEKAH ARAULLO

**PhD (Urban Design)**

The University of Sydney

**Bachelor of Architectural Computing**

University of New South Wales

**Advanced Diploma Building Design**

TAFE

White Card WorkSafe

Prince 2 Project Planning

## INDUSTRY AWARDS

*Australian Computer Society (ACS)**National Award 2019*

- *Gold Digital Disruptor*  
*For Urban Digital Communication*

*Australian Timber Design**National Award 2017*

- *Excellence in Timber Design Small Scale*

## RESEARCH FOCUS

(PhD) Ontology-based Computational Data Analysis &amp; Aesthetic Measure in Urban Design

2016-2018

Smart City &amp; Urban Design Technologies

Biomimetic Structures

Generative Designs | Complex Structures

Tectonics of Reciprocal Systems | Robotic Fabrication

**VERY REMOTE AUSTRALIA****URBAN DESIGN PROJECTS (Digital Engagement)**

2018 Nhulunbuy Aged Care Centre, Nhulunbuy, NT

AARCS, Kaunitz Yeung Architects

2017 Punmu Healthcare Centre, Punmu, WA

Puntukurnu Aboriginal Medical Service

2017 Parnngurr Healthcare Centre, Parnngurr, WA

Puntukurnu Aboriginal Medical Service

## PUBLICATIONS

2025 | CAADRIA 30th Int'l Conference, Tokyo, Japan

***Informatics: Ontology-based Analysis and Aesthetic Measure in Urban Design***

2018 | Journal of Arts and Humanities; Vol 7, No 11

***Sensorial language in biomimetic structures***

2018 | CAADRIA 23rd Int'l Conference, Beijing, China

***3D growth morphology: tectonics of custom shapes in reciprocal systems***

2017 | CAADRIA 22nd Int'l Conference, Suzhou, China

***Asymmetrical double-notch connection system in reciprocal systems***

2015 | eCAADe 33rd Int'l Conference, Vienna, Austria

***Smart architecture-bots and Industry 4.0 principles for architecture*****(2022-2024) Senior Urban Designer Project Manager****Major Projects | City Future****Urban Planning & Policy****(2 yrs) City of Canterbury-Bankstown****MAJOR PROJECTS**

Urban Renewal Corridor | Campsie Complete Streets Masterplan

Campsie Urban Renewal Upgrades

Public domain water-sensitive intervention upgrades

On-road Cycleways and Integrated Transport Design

Campsie Parking Strategy &amp; Relocation

Campsie 24 hour Economy and Anzac Mall upgrades

Bus Priority Infrastructure

Pedestrian Links and Artists' Laneway

Encroachment Zones Strategy

East West Pedestrian Cycling Link, Southwest Sydney Metro

Central River City Strategic Cycleway Corridor

Design Reviewer for pedestrian/cycling links

**Senior Architectural Designer Project Manager****Brewster Murray PROJECTS**

S.455, CC Argent Masterplan - Lindfield

Liveable Housing Design - Platinum and Gold Standards Multi-Res

Construction Documentation Project Management

Building Design Mixed Use Student Accom Development, Kingsford

Hotel Development Parker St Haymarket

Parliament House Refurbishment

Various Residential Developments

**(12+ years) Building Designer & Project Management (Various companies)**

Multi-Residential, Mixed-Used, Urban Design

DA | S.455 | CC Coordination

Client Side Stakeholder Communication

Project Coordination &amp; Documentation

Detailed Concept Plans | Site Analyses

Feasibility studies

**Computational Design & Project Direction (Public Urban Structures & Exhibitions)**

Computational Design to Digital Production

Project Manage Data-driven Full scale complex structures

Digital | Robotic Fabrication | Project Management

Powerhouse Museum | Customs House | Seymour Centre | City

laneways | Campbells Cove 2013, 2015, 2016 | The Rocks

**University Lecturer & Academic**

Associate Lecturer FBE (part-time), UNSW: 2013-2017

Sessional Lecturer in Algorithmic Architecture,

University Sydney: ongoing



## DETAILED EXPERIENCE

◦---(2022-2024) Senior Urban Designer Project Manager  
 Major Projects | City Future  
 Urban Planning & Policy  
 (2 yrs) City of Canterbury-Bankstown

**CAMPSIE COMPLETE STREETS (CCS)**  
 City of Canterbury-Bankstown  
Project: Campsie Complete Streets Masterplan

*A Council priority project to support the Campsie Town Centre Masterplan planning proposal and a response to the planning requirement to increase cycling from 0.2% to 6%*

- Responsible for the Campsie Complete Streets project (CCS); Duration: 2 years
- Project lead :
  - Place Assessment, Opportunities & Transport Strategy Phase
  - Vision & Principles Phase
  - CCS Strategies Phase
  - Masterplan & Detailed Design Phase
  - Action Plan & Implementation Plan Phase
- Project manager - project phases, budget oversight and external consultants
- Responsible for project initiation, and facilitating the Technical Working Groups with various internal stakeholder groups and SMEs. Point of contact for CCS.
- Provided design direction and advice in relation to:
  - goals alignment with the proposed **land use rezoning** and proposed masterplan precincts, synthesis with the **Southwest Sydney Metro** opportunities and the Central River City Strategic Corridors
  - design of the new proposed 10+km **on-road cycling & micromobility infrastructure** network within the CCS study area adapting TfNSW's Active Transport design guidelines.
  - activation of Anzac Park and town centre precincts
  - improving amenities and priority upgrades to develop a **24-hr economic precinct** and capitalise on land-use changes including Council's new Civic and Creative Hub centre.
  - **strategic corridors** for active transport priority with wider footpaths, improved pedestrian links amenities, **biodiverse human-scale design intervention and increase of tree canopies**
  - strategic corridors for on-road cycling, bike facilities and bus priority infrastructure to promote **integrated transport** initiatives, linking precincts and places as destinations.
  - CCS Car Parking Strategy: relocation of car parking outside the town centre core, but within 400m of the Metro station; Increase car parking spaces and **on-road greening** to support:
    - the proposed new Cooks River Foreshore residential and commercial precinct;
    - the proposed new Medical Precinct connecting the existing Canterbury public hospital and two new private hospitals
- Produced evidence-based computational analysis used for scenario testing of the parking relocation strategy, predicting data as transformations occur to 2036 and sites amalgamate
- project liaison for TfNSW in relation to SP2 zoned areas, the proposed traffic changes, including 2x N-S ByPasses, proposed strategic corridors, and bus priority infrastructure and HPAA through the Campsie Town Centre.

## DETAILED EXPERIENCE

- **(2022-2024) Senior Urban Designer Project Manager**  
**Major Projects | City Future**  
**Urban Planning & Policy**  
**(2 yrs) City of Canterbury-Bankstown**

### **SOUTHWEST SYDNEY METRO** **Sydney Metro | Transport for NSW**

#### **Project: East West Pedestrian & Cycling Link (EWPCCL)**

*A planning requirement for the delivery of the Southwest Sydney Metro;*

*11+ km of pedestrian and cycleway from Hurlstone Park Station to Bankstown Station that weaves in and out of the TAHE corridor*

- Represented Council in Sydney Metro's Technical Working Group (TWG) for the design of the EWPCCL - Duration: 9 months, weekly workshops
- Responsible for advocating for Council's objectives and goals during the TWG
- Responsible for initiating various Council working groups that correspond with issues for resolution.
- Council liaison for internal stakeholder groups and SMEs
- Held a key role in resolving issues on safety, improved amenity, and goal alignment on 11+ km of cycleway, pedestrian walkways and bike station facilities
- Produced evidence-based computational data used for comparable analysis and scenario testing (placement of the link, north or south of the Metro rail, in and out of the rail corridor)
- Negotiated for the grant funding awards of several items within the EWPCCL

### **SOUTHWEST SYDNEY METRO** **Sydney Metro | Transport for NSW**

#### **Project: 8 x Metro Station Precinct Designs**

- Reviewed design details of 8 Metro Stations relating to access points, pick up/drop off zones, bike facilities, and landscaping treatments
- Provided design advice to internal stakeholders on improved amenity, and goal alignment with town centre masterplans.

### **CENTRAL RIVER CITY STRATEGIC CYCLEWAY CORRIDOR** **Transport for NSW**

#### **Project: Cycleway and Links Network**

*A strategic priority for Greater Sydney*

- Represented Council in Transport for NSW's Technical Working Group (TWG) in Round 1 and 2 Stakeholders collaboration to identify Local Priorities and for Network Validation. Duration: 5 months, weekly workshops
- Responsible for advocating and progressing Council's Active Transport objectives and goals alignment during the TWG
- Held a key role in identifying and establishing Council's Campsie to Bankstown corridor as TfNSW's Immediate Opportunity for Central River City's Strategic Corridor
- Council liaison for internal stakeholder groups and SMEs

## DETAILED EXPERIENCE

## •-----Indigenous Engagement

- Consulting Pro Bono - design and improved amenities for Aunty Beryl Van-Oploo, OAM. Indigenous respected Elder, Sydney. Former Owner of Biri-Biri Cafe, Redfern. Former Owner of Bushtucker Cafe, Gardeners Lodge, Victoria Park, Sydney (2018 - present)
  
- Consulting - Engagement using digital media, Kaunitz Yeung Architects
  - PAMS Aboriginal Health Care Centre, Punmu Remote Community, WA
  - PAMS Aboriginal Health Care Centre, Parngurr Remote Community, WA
  - AARCS Nhulunhuy Aged Care Centre, Nhulunbuy East Arnhem Land, NT
  - Developed digital strategies for use in project consultation in very remote communities to increase community participation
  - Attended and Supported stakeholder meetings in Jigalong, East Pilbara Region, WA and meetings in Newman, WA. (2017)
  
- Consulting Pro Bono - community support during Waterloo Public Housing Action Group. Developed 3D Models, masterplan, for community communication. Attended and supported community workshops and meetings. (2016-2018)