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City Futures Research Centre 2018 Annual Report



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City Futures Research Centre Annual Report 2018

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About the Centre

CFRC's Mission Statement

City Futures contributes to international debates on cities, their people, the policies that shape city growth and the impacts they make on society, wellbeing and productivity through applied evidence-based research.

Based in the Faculty of Built Environment (BE) at UNSW since 2005, the City Futures Research Centre has developed into a national leader in scholarly applied urban research.

Our work spans the interrelated areas of urban planning, housing, health and wellbeing, design, urban development and social policy, underpinned by high level urban data. In undertaking this research, we collaborate with a range of academic researchers, both within UNSW and at universities across Australia, Asia, North America and Europe. Our applied focus also involves strong partnerships with local, state and federal government agencies, as well as industry stakeholders and community groups.

The Centre focuses on the major contemporary re-definition of the city, the forces that are driving such change, the policies to manage it and the outcome it is generating.

The Centre works alongside key partners to bring on evidence-based ideas for tackling the complex and intertwined problems of urban change and growth, while

maintaining its commitment to independent applied public interest research, a critical component of the Centre's philosophy.

The Centre's research is organised into four research programs, each led by a member of the Senior Management Team:

- **City Analytics** focuses on urban data and analysis, modelling and visualisation - led by Prof Chris Pettit
- **City Housing** focuses on housing policy, markets and practice - led by Prof Hal Pawson
- **City Shaping** focuses on planning, urban renewal and high density living - led by A/Prof Simon Pinnegar
- **City Wellbeing** focuses on planning, public health and wellbeing - led by Prof Susan Thompson

The Centre's cross-cutting research themes, integral to the work of all four research programs are:

- Equity
- Governance
- Productivity
- Renewal



Governance & Advisory

City Futures Advisory Panel

Terms of Reference

The role of the CFRC Advisory Panel is to support the achievement of CFRC's mission and goals.

- Serve as a source of independent strategic advice to the CFRC Director and Senior Leadership Team;
- Contribute to the development and implementation of the Centre's 3 Year Business Plan.
- Advise on the relevance of the Centre's research and research training agenda as set out in the Centre's Business Plan;
- Support the development of the profile, brand and reputation of the Centre through active promotion of the Centre's research with relevant industry, government and community stakeholders;
- Advise and guide the involvement of the Centre in current debates on urban change and policy;
- Support the work of the Centre in identifying opportunities for research engagement, including securing funding for research and scholarships among relevant networks;
- Work with the Centre to develop opportunities for co-hosted activities such as seminars, lectures and networking events;
- Work with the Director and Centre senior team on specific initiatives or working groups from time to time
- Provide high level advice in the development and conduct of specific research projects where appropriate.

Panel Members 2018

- Chair: Adjunct Prof Geoff Roberts (Greater Sydney Commission)
- Kate Carruthers (UNSW Chief Data Officer)
- Anna Chubb (Hunter Development Corporation)
- Michael Comninos (Astrolab Group Pty Ltd)
- Steve Driscoll (UrbanGrowth NSW)
- Alison Holloway (SGS Economics and Planning)
- Richard McLachlan (Platino Properties)
- Kerry Robinson (Blactown City Council)
- A/Prof Peter Sainsbury (Sydney SW Area Health Service)
- Emeritus Professor Alec Tzannes (Tzannes Associates)

The Advisory Panel met on three occasions **22 March, 10 October and 6 December.**

CFRC Steering Committee

The Steering Committee met on three occasions **19 March, 13 August and 23 November**. The purpose of the Steering Committee is to:

- Set and review the strategic direction, objectives and stakeholder relationships of the Centre;
- Evaluate the performance of the Centre against its objectives;
- Ensure the Centre is compliant with UNSW Policies and Procedures;
- Regularly assess the financial performance of the Centre;
- Evaluate risks and develop strategies to minimise them;
- Identify opportunities and develop strategies to maximise them;
- Provide strategic oversight of staff appointments and transition planning, including appointments of adjunct positions;
- Determine financial and other delegations of the Director; and
- Determine the composition of any Advisory Committees and the timing of their meetings, and provide minutes of each meeting to the Centre's Secretariat.

Steering Committee Members 2018

- Prof Helen Lochhead (Chair, BE Dean)
- Prof Bill Randolph (CFRC Director)
- Susan Channells (BE Executive Director)
- Asso Prof Catherine Bridge (BE Associate Dean Research)
- Maria Schwensen (BE Research Manager).

Director's report & highlights

The year was marked by the very sad news of the untimely passing of Emeritus Professor Patrick Troy AC in July. Pat Troy was an Adjunct Professor with the Centre since its inception in 2005 and had played a major role in supporting research and mentoring staff over the intervening years. His standing in the academic and civic spheres was recognised posthumously in the 2019 Australia Days Honours when he was made a Companion of the Order of Australia "For eminent service to urban and regional planning, to environmental sustainability and social justice policy, and as a mentor and role model". These passions underpinned Pat's long career and sustained his academic activity to the end. We miss his presence, his intellect, his knowledge, his enthusiasm and his capacity to inspire our research. We also greatly miss his capacity to greet and engage anyone willing to discuss the big urban issues of the day with an open mind. Most of all we will miss his humour and all-encompassing warmth and friendship. The world of urban scholarship has become a lesser place without him.

Research

During 2018, the research of the Centre proceeded with a number of key developments and successes. With our high-level Advisory Panel (see below) now embedded and guiding the strategic direction of the Centre, the main activity focussed on generating new research and seeking ways to better engage with the wider environment of policy and practice.

Key research outputs for the year included:

- The Launch of the City Analytics Lab by the Federal Minister for Urban Infrastructure and Cities, the Paul Fletcher, MP. CAL is located in the basement of the Red Centre Building and houses the VR/AR facilities for modelling and visualising planning decision making.
- The report, Making Better Economic Cases for Housing, led by Visiting Prof Duncan Maclennan and funded by a consortium of industry partners led by the Community Housing Industry Association NSW, argued for a major realignment of housing policy to acknowledge the role of investment by Government in affordable housing to be viewed as critical economic infrastructure that contributes to urban productivity outcomes.
- Several major AHURI reports made media waves during the years, including on the future of private rental, the housing affordability impact of Airbnb and other short-term letting platforms, and the subsidy arrangements for affordable housing. As a result, City Futures was involved in the four most read AHURI reports of 2018.
- City Futures staff were involved with the launch of the Healthy Urban Environments Col-laboratory, funded through *Sydney Partnership Health Education, Research & Enterprise* and comprising a collaboration of health and urban planning partners across Sydney will investigate how urban policy and governance in Sydney can drive positive health outcomes.
- The Launch of the Multi-Owned Properties Research Hub, which, for the first time, provides a clearing house for research and documentation on the multi-owned residential sector from around the world.
- Led by the CFRC, the Australian Homelessness Monitor 2018 drew attention to the growing scale of homelessness in Australia and the failure to follow through on the Commonwealth Government's 2008 commitment to halve homelessness numbers by 2020. A summary published in *The Conversation* was included in *The Conversation's* 2018 Yearbook of '50 standout articles from Australia's top

thinkers’.

- City Futures partnered with several planning and housing partners to co-host the one-day Cities for Us Summit which explored key issues about urban density, local infrastructure and liveability in the metropolitan Sydney region. We launched our own Prospectus for Inclusive Renewal in the Sydenham to Bankstown Corridor which focuses on the alternative approaches to delivering the positive outcomes of urban renewal associated with major transport infrastructure improvements without major social and economic dislocation and displacement so often associated with such activity.

Research Funding

The year started with a concerted effort to seek ARC funding opportunities through an orchestrated push for Category 1 research funding. At the beginning of the year, City Futures was responsible for applications to the ARC for five Discovery, one Linkage and one DECRA grant, of which three were eventually successful. Later in the year, we were successful in securing five AHURI projects, three of which as lead investigators. All these projects were due to start in 2019. Overall, the Centre was successful in generating \$1.96m in new grant income during the year, much of which will come on stream in 2019. We therefore ended the year in a strong financial position as reflected in the income and expenditure figures provided at the end of the Report.

Research outputs and associated media

A key indicator of activity was our range of publications and other outputs, all of which are available on our website. Principal among these were 15 refereed journal papers, 11 book chapters, 10 AHURI Final Reports and 10 other reports. In addition, we generated 32 City Blogs and our Twitter audience passed 2,000.

Reflecting the success of these research outputs, on the media front we notched up 124 media mentions (in print, TV, radio and digital media) over the year, only

marginally down from the exceptional number achieved in 2017. This level of media engagement represents a clear measure of the continuing impact the Centre on current policy debates on cities.

Staffing

Staffing at the Centre remained very stable during 2018 until the very end of the year, when we lost two members. After seven years with us, first as a Research Officer and then later as Research Associate working on housing and planning research, Dr Ryan van den Nouweland left for a lecturing position at Western Sydney University. At the same time, Carmella Ticzon who had worked with Chris Pettit’s City Analytics team for two years, left to return to the Philippines. They both contributed significantly to the Centre’s work during their tenure with us and we wish them all the very best in their new careers.

On the positive side, Dr Laura Crommelin and Dr Simone Zarpelon Liao were both made PLuS Alliance Fellows, and together with Prof Chris Pettit will progress the development of our alliances with Kings College London and Arizona State University in Phoenix.

Final Word

As always, a big ‘thank you’ must go out to the Centre staff and colleagues in the Faculty and beyond who have worked with us to produce the wide range of research and outputs that have made this year another success. In particular, I acknowledge the role both the Faculty and the University at large have played in supporting the Centre in its work, with particular thanks to the Dean, Prof Helen Lockhead, who chairs our Steering Committee, and the Associate Dean Research, Prof Catherine Bridge for their continued support. Special mention must go to our high-level Industry Advisory Panel chaired by Adjunct Prof Geoff Roberts who have provided invaluable support and advice to the Centre over the year. Many thanks to all.

Our people

Senior Management Team

Prof Bill Randolph, Director

Prof Hal Pawson

Prof Christopher Pettit

Prof Susan Thompson

A/Prof Simon Pinnegar

A/Prof Hazel Easthope

Dr Zac Liu

Researchers

Dr Aida Eslami Afrooz

Dr Laura Crommelin

Jonathan Doig

Dr Ori Gudes

Emeritus Prof Bruce Judd

Dr Simone Zarpelon Leao

Dr Edgar Liu

Vandana Mann[#]

Dr Chris Martin

Dr Ryan van den Nouwelant

Dr Greg Paine[#]

Dr Alison Taylor[#]

Sian Thompson[#]

Carmela Ticzon

Dr Laurence Troy

Administrative Staff

Andrew Freney

Visiting Staff

A/Prof Raymond Bunker, Adjunct Associate Professor

Emeritus Prof Ian Burnley, Adjunct Professor

Prof Duncan MacLennan, Visiting Professorial Fellow

Prof Jane Marceau, Adjunct Professor

A/Prof Vivienne Milligan, Senior Visiting Fellow

Geoff Roberts, Adjunct Professor

Emeritus Prof Patrick Troy, Adjunct Professor

A/Prof Judith Yates, Senior Visiting Fellow

[#] Part time

Government & industry partners

Astrolabe Group
Australian College of Strata Lawyers
Australian National Data Service
Australian Property Monitors
City of Sydney
Commonwealth Scientific and Industrial Research Organisation
Community Housing Industry Association NSW
Community Housing Industry Association Vic
Greater Sydney Commission
Homelessness NSW
Infrastructure Australia
Inner West Council
InfrastructureNSW
Inner West Council
International Society for Photogrammetry and Remote Sensing
Lannock Strata Finance
Launch Housing
Liverpool City Council
Mastercard
National Heart Foundation
National Health and Medical Research Council
NSW Department of Family and Community Services
NSW Department of Planning and Infrastructure
NSW Department of Premier and Cabinet
NSW Department of Planning and Infrastructure
NSW Land and Property Information
NSW Landcom
NSW Land and Housing Corporation
NSW Office of Environment and Heritage
Owners' Corporation Network of Australia Ltd
PAYCE Communities
Platinum Property Group
Planning Institute of Australia
Randwick City Council
Ross Taylor & Associates
SGS Economics and Planning
Shelter NSW
Strata Community Australia (National)
Strata Community Australia (NSW)
Strata Community Insurance
Strathfield City Council
St George Community Housing (SGCH) Ltd
Sydney Local Health District
The Owners Corporation Network of Australia
Valuer General NSW
What If? Inc.

Research projects

Project Name	Funded by	Started	Funds
City Analytics			
Find Your Sport	NSW Dept of Industry	2018	\$15,000
Greening the Greyfield	CRC	2018	\$12,981
Growth infrastructure compact pilot predictive analytics	NSW Dept of P&E	2018	\$25,000
Integrated city planning using the raise toolkit	CRC Spatial Information	2018	\$227,000
Mapping the CRC-LCL data landscape	CRC Low Carbon Living	2018	\$25,433
Smart Cities Support	Strathfield Council	2018	\$45,000
Geodesign - Liverpool collaboration area	NSW DPE	2017	\$50,028
Review and improvement of composition adjusted methodology in calculation of city wide median house prices in Australia	Australian Property Monitors	2017	\$71,288
The connected city data hub: scoping study & roadmap	UGNSW	2017	\$32,500
Community co-design of low carbon precincts for urban regeneration in established suburbs	CRC for Low Carbon Living	2016	\$313,240
Developing a framework for collaborative multi-agency scenario planning	Sydney Water Corp	2016	\$60,000
Informed urbanization: Understanding the housing - transport nexus	UNSW / PLuS Alliance	2016	\$25,000
Portable geographical visualization and virtual reality lab	UNSW Major Research Equipment and Infrastructure Initiative Scheme	2016	\$130,000
Rapid analytics interactive scenario explorer (RAISE)	CRC Spatial Information	2016	\$74,951
City Housing			
Filling the Gap: Costing a National Affordable Housing Program	CHIA	2018	\$15,724
How can an Australian 'build to rent' product contribute to urban renewal and affordable housing supply?	Landcom	2018	\$139,691
Inquiry into understanding and reimagining social housing pathways	AHURI (Shared Grant)	2018	\$5,171
Mapping the decision-making processes by market segments to identify barriers and drivers to meet or exceed the BASIX requirements of new builds	CRC for Low Carbon Living	2018	\$19,580
Poor-quality housing and low-income households	Shelter NSW	2018	\$28,917
Post occupancy survey of boarding houses in central and southern Sydney	SSROC	2018	\$36,610
Strengthening economic cases for housing: the productivity gains from better housing outcomes	Community Housing Industry Association NSW	2018	\$140,326
The construction of social housing pathways across Australia	AHURI (Shared Grant)	2018	\$33,439
A conceptual analysis of social housing as infrastructure	AHURI (Shared Grant)	2017	\$20,733
Affordable Rental Housing SEPPs and Affordable Housing in Central and South Sydney - Phase 1	SSROC	2017	\$29,400
An investment pathway to provide social housing infrastructure	AHURI (Shared Grant)	2017	\$56,589
Digital and disruptive: the prospects for technology-enabled change in housing policy and assistance	AHURI (Shared Grant)	2017	\$110,862
Energy efficiency decision making in the NSW social housing sector	CRC & NSW OEHL	2017	\$68,441

Project Name	Funded by	Started	Funds
City Housing - cont			
Family impacts of social housing legal responses to occupier misconduct	AHURI (Shared Grant)	2017	\$138,810
Improving the economic arguments for more diverse and affordable housing models for Sydney	NSW Fed of Housing Associations	2017	\$84,866
Inquiry into social housing as infrastructure	AHURI (Shared Grant)	2017	\$35,799
Technological disruption in private rental housing markets: case of Airbnb	AHURI (Shared Grant)	2017	\$151,169
Understanding the 'disruption ecosystem' - a review of current and emerging technological disruptions	AHURI (Shared Grant)	2017	\$111,764
Australian homelessness monitor	Launch Housing Limited	2016	\$40,800
Increasing affordable housing supply: evidence-based principles and strategies for Australian policy and practice	AHURI (Shared Grant)	2016	\$21,029
Supporting affordable housing supply: Inclusionary planning in new and renewing communities	AHURI (Shared Grant)	2016	\$4,916
The future of the private rental sector	AHURI (Shared Grant)	2016	\$31,272
Assessment of policy options: Affordable housing provision in NSW	SGS Economics & Planning	2015	\$3,089
Inquiry into affordable housing industry capacity	AHURI (Shared Grant)	2015	\$163,255
The role of investor landlords in restructuring Australia's major cities	ARC	2015	\$161,380
Longitudinal evaluation of Riverwood North renewal project	PAYCE	2014	\$233,384
City Shaping			
Cracks in the Compact City: Defects in Strata	ARC	2018	\$164,000
2017 National Strata Data Analysis	Strata Community Australia (NSW)	2017	\$37,787
2017 Ashmore Estate Community Survey	City of Sydney	2017	\$9,829
My Place - Local Community Survey 2017	City of Sydney	2017	\$40,000
Rental Vulnerability Index 2017 Update	Tenants Queensland Inc	2017	\$6,453
City living: Urban consolidation and the social sustainability of cities	ARC	2014	\$681,208
City Wellbeing			
ChillOUT: Smart Social Spaces Creating Connected Green Places	Dept of Industry, Innovation and Science	2018	\$879,338
Translating evidence to support planning strategies for healthier higher density living	UGNSW	2018	\$51,000
Smart Social Spaces: Smart Street Furniture Supporting Social Health	Dept of Industry, Innovation and Science	2017	\$657,742
Co-benefits of low carbon policies in built environment: an investigation into adoption of co-benefits in Australia's local government policy context	CRC for Low Carbon Living	2015	\$50,000

Research Supervision

New students enrolled in 2018

Aya Alshawabkeh (PhD)

Residential architecture and human experience: A phenomenological interpretation for a user-sensitive practice in Sydney and Amman

Supervisors: Prof Bruce Judd[#], Dr Gethin Davison*

Ripan Debnath (PhD)

Future City Resilience by Geodesign

Supervisors: Prof Chris Pettit[#], Dr Simone Zarpelon Leao[#]

Ann Godfrey (PhD)

Information, Tenure, and Energy Efficiency

Supervisors: A/Prof Hazel Easthope[#], Prof Susan Thompson[#]

Graduated/completed in 2018

Emma Clinton (MPHIL)

Micro Units - Housing Diversity Options?

Supervisors: Prof Bill Randolph[#], A/Prof Simon Pinnegar[#]

Jarra Hicks

Community Power: Understanding the contribution of community owned renewable energy to regional development.

Ongoing Supervision

PhD students

David Bennett

Shaping suburbia: Towards the suburbs of the future.

Supervisors: Prof Susan Thompson[#], Dr Paul Twomey[#]

Sukanya Ganguli (PhD)

To calibrate the importance of international migration in driving Sydney's population growth in the 2006-2016 period, analyse the changing profile of immigrants, and assess their impact on urban restructuring and housing market demand in Sydney.

Supervisors: Prof Bill Randolph[#], Prof Hal Pawson[#]

Jarra Hicks

Community Power: Understanding the contribution of community owned renewable energy to regional development.

Supervisors: Prof Susan Thompson[#], Prof Bronwen Morgan[#]

Parisa Kalai

Sense of Place in Global and Multicultural Cities: Exploring the Role of Personal Dimensions.

Supervisors: A/Prof Simon Pinnegar, Dr Kate Bishop, Dr Gethin Davison

Masud Karim

Co-Benefits of Low Carbon Policies in the Built Envi-

Lynda Newnam (PhD)

Community Participation in Urban Planning through Citizen Science

Supervisors: Prof Robert Freestone[#], Dr Laura Crommelin[#]

Catherine Smith (PhD)

Planning and the public interest: A civic rationale for the planning profession

Supervisors: A/Prof Simon Pinnegar[#], Prof Robert Freestone[#]

Richard Shepherd (PhD)

Planning and the public interest: A civic rationale for the planning profession

Supervisors: A/Prof Simon Pinnegar[#], Prof Robert Freestone[#]

Supervisors: Prof Susan Thompson[#], Prof Bronwen Morgan[#]

Alicia Mintzes (PhD)

Promoting quality of life: Maintaining independence and dignity in the home bathroom.

Supervisors: Prof Bruce Judd, A/Prof Oya Demirbilek[#]

Timothy Tompson (PhD)

Translations of a smarter city.

Supervisors: Prof Susan Thompson[#], Dr Matthias Haeusler[#]

ronment: An investigation into adoption of co-benefits in Australian Local Government.

Supervisors: Prof Susan Thompson[#], Dr Peter Williams[#]

Helen Kendall

Integrated landscapes for ageing well in the urban environment: An Australian perspective.

Supervisors: Prof Susan Thompson[#], A/Prof Linda Corkery[#]

Oliver Lock (PhD)

Using City Dashboards for empowering citizens in the Smart City.

Supervisors: Prof Chris

Pettit[#], Dr Simone Zarpelon Leao[#]

Nicola Pullan

Temporary dwellings: Interim housing on Sydney's suburban fringe, 1945-1960.

Supervisors: Prof Rob Freestone, A/Prof Simon Pinnegar[#]

Sian Thompson

Supporting weak ties in compact cities: triangulation and common space.

Supervisors: Dr Hazel Easthope, Dr Gethin Davison

Anjalika Wijesurendra

At home in the community: New directions in the design

of aged care facilities.
Supervisors: Prof Bill
Randolph*, Prof Bruce Judd

Xueying Xiong
*The Left-Behind Empty
Nester and the Elderly
Migrants: The mobility of
choice of new immigrants'
parents and impacts on their
retirement life.*
Supervisors: A/Prof Hoon
Han#, Prof Bruce Judd*

Hyungmo Yang (PhD)
Apartment Design
Supervisors: A/Prof Hazel
Easthope#, Dr Phillip
Oldfield#

Jin Zhu
*Urban sprawl and
housing affordability in the
developing country context*
Supervisors: Prof Hal
Pawson#, A/Prof Hoon Han#

Master by Research
(MRes) students

Rico Mangun Rahardjo
*Urban pricing between
investors and owner
occupiers.*
Supervisors: Prof Bill
Randolph#, Prof Hal
Pawson#

Ian Tilley (MRes)
*How citizens of Smart Cities
use data to improve their
wellbeing and quality of life*
Supervisors: Prof Chris
Pettit#, A/Prof Matthias
Haeusler*

Bachelor of Planning
(BPLAN) students

John Booth
*Planning infrastructure for
land release and density
provisions.*
Supervisor: A/Prof Simon

Pinnegar

Judith Elijah
Value capture of land.
Supervisor: Dr Laurence
Troy

William Brindle
*ReZoning and the effect on
the landholder.*
Supervisor: Dr Laurence
Troy

Samantha Campbell
*Children in the Compact
City.*
Supervisor: Prof Bill
Randolph

Brock Cauchi
*Masterplanned communities
and adjacent social housing.*
Supervisors: Dr Laurence
Troy

Claire Ferguson
Urban migration to Orange.
Supervisor: A/Prof Simon
Pinnegar.

Geordie Gilmour
*Pro bono work in the
planning profession.*
Supervisor: A/Prof Simon
Pinnegar

Estelle Grech
*Women migrants in western
Sydney.*
Supervisor: Dr Laura
Crommelin.

Gavin Ho
Bushfire governance.
Supervisor: Dr Laura
Crommelin.

Emily Hou
*Shrinking backyards in
Greenfield development.*
Supervisor: A/Prof Simon
Pinnegar

Lu Huang
Car parking in high-density

residential development.
Supervisor: Dr Laurence
Troy

Ryan King
*Urban consolidation and
brownfield regeneration.*
Supervisor: Dr Laurence
Troy

Serena Li
*Housing affordability for
students.*
Supervisor: Dr Laurence
Troy

Geraldine Pham
TOD
Supervisor: Dr Laurence
Troy

Elizabeth Playoust
*North-South rail link in the
Western Parklands City.*
Supervisor: A/Prof Simon
Pinnegar

David Rowley
*Deliberative practice in stra-
tegic planning.*
Supervisor: A/Prof Simon
Pinnegar

Charlotte Ryan
Wellbeing and greenspace.
Supervisor: Prof Susan
Thompson

Siobhan Ryan
*Demographic and migration
trends of an ageing popu-
lation.*
Supervisor: Dr Laurence
Troy

Callum Sankuhl
*Affordable rental housing in
City of Sydney LGA.*
Supervisor: A/Prof Simon
Pinnegar

Alexandra Satz
*Land use release and infra-
structure provision.*

Supervisor: Dr Laurence
Troy

Luke Signoretti
*E-commerce and freight
transport.*
Supervisor: Dr Laurence
Troy

Shaun de Smeth
*NSW planning policies -
proactive or reactive.*
Supervisor: Dr Laurence
Troy.

Jarred Statham
*Shared used agreements
between primary schools
and the community.*
Supervisor: A/Prof Simon
Pinnegar.

Niroshini Stephen
*Car sharing schemes: Do
they work?*
Supervisor: Dr Ryan van
den Nouwelant

Gisella Velasco
*Playing house: the dynamics
of homemaking and sharing
spaces.*
Supervisor: Dr Chris Martin

Isabel Virgona
*Planning education in the
NSW geography curriculum.*
Supervisor: A/Prof Simon
Pinnegar.

Reg Wade
*Industrial lands - spatial
networks.*
Supervisor: A/Prof Simon
Pinnegar

Supervisor/ Joint Supervisor

* Co-supervisor

Jason Watkins

Community gardens and refugees.

Supervisor: Prof Susan Thompson.

Master of Planning
(MPLAN) students

Lucy Fokkema

Gender & Planning: A case study of the City of Parramatta Council.

Supervisor: A/Prof Hazel Easthope

Lara Fusco

The Cultural and Economic Implications of the Relocation of the Museum of Applied Arts and Sciences to Parramatta CBD.

Supervisor: A/Prof Simon Pinnegar

Bolormaa Jamsranjav

Healthy planning: Evaluation of the 2030 Master plan for Ulaanbaatar, Mongolia.

Supervisor: Prof Susan Thompson

Ayse Kiziltekin

Autonomous Vehicles: Are planners ready for the impact on the city?.

Supervisor: A/Prof Simon Pinnegar

Pristine Ong

Why Markets Matter: Inclusivity and public life in the food markets of Sydney's gentrifying inner city.

Supervisor: Prof Susan Thompson

Melissa Tranquille

Millennials living with parents

Supervisor: Dr Chris Martin

Teaching

Dr Aida Afrooz

BENV7020: Research Seminar (Course Convenor)

BENV7504: Digital cities*

LAND7321: Landscape Technology 2*

Dr Laura Crommelin

PLAN2005: Planning Law and Administration

PLAN7140: Land and Environment Law

BEIL6000: Contemporary issues in urbanism

Dr Hazel Easthope

MUPS0007: Research For Evidence Based Policy

PLAN7320: Housing Management and Markets*

BENV7020: Research Seminar*

Dr Ori Gudes

BENV7728: GIS and Urban Informatics

BENV7020: Research Seminar*

Dr Edgar Liu

BENV7020: Research Seminar*

LAN2004: Equitable Cities*

Dr Chris Martin

PLAN7156: Housing Policy and Finance*

Prof Hal Pawson

BENV7811: Urban Renewal

PLAN7156: Housing Policy and Finance

Prof Chris Pettit

Program Director: City Analytics 8151

BENV7504: Digital Cities

BENV7020: Research Seminar*

A/Prof Simon Pinnegar

PLAN2001: Strategic Planning

PLAN3031: Integrated Planning 2: Strategic Planning

PLAN1001: Introduction to Planning*

BENV7811: Urban Renewal*

MUPS0002: Strategic Urban Policy*

PLAN7148: Strategic Spatial Planning

MUPS0005: Strategic Planning and Impact Assessment Tools*

Prof Bill Randolph

BENV7811: Urban Renewal*

PLAN7156: Housing Policy and Finance*

Prof Susan Thompson

BENV7712: Healthy Built Environments (Course Coordinator and Lecturer)

BEIL0011: Healthy Planning (Course Coordinator and Lecturer)

PLAN2004: Equitable Cities (Course Coordinator and Lecturer)

PLAN7142: City Equity and Wellbeing (Course Coordinator and Lecturer)

HESC3504: Physical Activity & Health*

PLAN1001: Introduction to Planning*

SUSD0004: Sustainability and Habitability*

Dr Laurence Troy

PLAN1002: Sustainability and Environment (Course Convenor)

PLAN7142: City Equity and Wellbeing*

PLAN7156: Housing Policy and Finance

BENV7020: Research Seminar*

Dr Simone Zarpelon Leao

BENV7500: Programmable Cities (Course Convenor)

BENV7503: Geocomputation (Course Convenor)

BENV7020: Research Seminar*

SUSD001: Sustainable Development in Urban Environment*

* Guest Lecturer

Publications

BOOK CHAPTERS

1. **Crommelin, L., Troy, L., Randolph, B., & Easthope, H.** (2018). Everybody needs good neighbours, especially in strata: are new Australian laws enabling forced sales of strata properties justified?. *Compulsory Property Acquisition for Urban Densification*. London: Routledge.
2. **Easthope, H., & Randolph, B.** (2018). Collective responsibility in strata apartments. In E. Altmann, & M. Gabriel (Eds.), *Multi-owned property in the Asia-Pacific Region: Rights, Restrictions and Responsibilities*. London, Palgrave Macmillan, pp. 177-196.
3. **Easthope, H., & Randolph, B.** (2018). Experiencing density: the implications of strata titling for urban renewal in Australia. In K. Ruming (Ed.), *Urban Regeneration in Australia*. Abingdon, Routledge, pp. 94-108.
4. **Eslami Afrooz, A., Lowe, R., Zarpelon Leao, S., & Pettit, C.** (2018). 3D and virtual reality for supporting redevelopment assessment. In R. Reed, & C. Pettit (Eds.), *Real Estate and GIS The Application of Mapping Technologies*. New York, Routledge, pp. 162-185.
5. **Freestone, R., Randolph, B., & Pinnegar, S.** (2018). Suburbanization in Australia. In B. Hanlon, & T. J. Vincino (Eds.), *The Routledge Companion to the Suburbs*. Routledge.
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Financial statement

	2018 \$'000	2017 \$'000	
REVENUE			
Research Revenue	\$1,458	\$1,270	NOTE 1
Donations & Bequest - Draw downs	-	-	
UNSW Contribution	\$864	\$694	
Faculty Contribution	\$1,527	\$1,584	NOTE 6
Other Restricted Revenue	\$77,727	\$21,473	NOTE 3
Commerical Acitivity - Fees for Service	-	-	
Sundry Revenue	-	-	
Total Revenue	\$3,918	\$3,569	
EXPENSE			
Salaries, Oncosts and other staff costs			NOTE 5
Scholarships Stipends	\$27	\$36	
Contract & Consulting services	\$137	\$159	
Repairs and Maintenance	-	\$0	
Consumables	\$8	\$12	
Travel	\$127	\$146	
Equipment non capitalised	\$42	\$0	
Entertainment	\$0	\$2	
Marketing	\$2	\$5	
Miscellaneous expenses	\$181	\$248	
Total Non People Costs	\$524	\$609	
Total Expense	\$3,851	\$4,112	
TOTAL CONTRIBUTION - SURPLUS/(DEFICIT)	\$67	\$(543)	
<i>Depreciation</i>	59	40	
SURPLUS / (DEFICIT) after Depreciation	\$9	\$(583)	
Cashflow Funded Capital Expenditure (CAPEX)	62	64	

NOTE 1: Research Revenue generated (cash basis).

Category 1 Research Revenue therein

NOTE 1: \$ 1,338 \$ 1,303

360 597

NOTE 2: UNSW Budget model includes other revenue items

Teaching Revenue

Indirect Cost Recoveries

\$ 85 \$ 84

NOTE 3: Internal fund Transfers

NOTE 4: Restricted Funds - Cash at year end

\$01 \$ 765

NOTE 5: A new methodology was used in 2018 to calculate academic staff salary costs for the City Futures Research Centre. The 2017 cost has been restated applying the same methodology.

New grants awarded

A total of \$1,458,327 of new external research grants started in 2018. Of the new funding, 4% was from AHURI and 36% came from CRC, with 60% from industry/government contracts.

AHURI

Inquiry into understanding and reimaging social housing pathways

Total amount awarded: \$5,171

The construction of social housing pathways across Australia

Total amount awarded: \$33,439

CRC

Greening the Greyfield

Total amount awarded: \$12,981

Integrated city planning using raise toolkit

Total amount awarded: \$227,000

Mapping the CRC-LCL data landscape

Total amount awarded: \$25,433

Mapping the decision-making processes to identify barriers and drivers to meet or exceed Basix requirements of new builds

Total amount awarded: \$116,000 (\$19,580 to CFRC)

OTHER

ChillOUT: Smart Social Spaces Creating Connected Green Places

Total amount awarded: \$879,338

Cracks in the Compacity City: Defects in Strata

Total amount awarded: \$164,000

Filling the Gap: Costing a National Affordable Housing Program

Total amount awarded: \$15,724

Find your sport

Total amount awarded: \$15,000

Growth infrastructure compact pilot predictive analytics

Total amount awarded: \$25,000

How can an Australian 'built to rent' product contribute to urban renewal and affordable housing supply?

Total amount awarded: \$139,691

Smart Cities Support

Total amount awarded: \$45,000

Poor-quality housing and low-income households: review of evidence and options for reform and Boarding houses: growth, change and implications for equitable density

Total amount awarded: \$28,917

Post occupancy survey of boarding houses in central and southern Sydney

Total amount awarded: \$36,610

Strengthening economic cases for housing: the productivity gains from better housing outcomes

Total amount awarded: \$140,326

Translating evidence to support planning strategies for healthier higher density living

Total amount awarded: \$51,000

Key Performance Indicators

Measure	2018	2017	2016	2015	2014	2013	2012
Project income	\$1.45m	\$1.30m	\$1.70m	\$1.90m	\$2.48m	\$2.12m	\$1.76m
Total projects completed	23	18	27	12	10	11	12
No of publications eligible for AROC	82	82	78	66	46	52	39
No of collaboration/partner based projects	28	32	29	16	11	9	7
No of media references	124	135	112	74	54	39	54
No of Australasian seminar/conference presentations	29	31	19	37	18	50	42
No of international seminar/conference presentations	13	10	8	15	28	15	18
Postgraduate completions (cumulative)	27	23	20	16	11	10	8
Postgraduate students (actual)	20	22	22	27	34	27	26

CONTACT DETAILS



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