



UNSW
AUSTRALIA

UNSW CITY FUTURES RESEARCH CENTRE

2014 Annual Report

Never Stand Still

Built Environment

City Futures Research Centre



CITY FUTURES RESEARCH CENTRE ANNUAL REPORT 2014

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ABOUT CITY FUTURES

City Futures is officially ranked Australia's leading urban policy research centre. Led by Professor Bill Randolph since our 2005 founding, together with colleagues in the UNSW Built Environment Planning Program, we achieved the only 5-star rating in Australia for Urban & Regional Planning under the 2012 Excellence in Research for Australia assessment. Our work spans the interrelated areas of urban planning, housing, health and well-being, design, development and social policy.

City Futures collaborates with a range of academic researchers, both within UNSW and at universities across Australia, Asia and Europe. Our applied focus also involves strong partnerships with local, state and federal government agencies as well as industry stakeholders and community groups.

City Futures has a robust track record on external research income. Our 2014 receipts totalled \$2 million. In the main, this funding is provided by the Australian Research Council, the Australian Housing and Urban Research Institute and the NSW Department of Health. Other project sponsors include State government departments, local councils and private companies.

City Futures has strong scholarship credentials. We have authored over 120 refereed publications in the five years to 2014. CFRC Associate Director, Professor Hal Pawson is the Australasian editor of the highly rated international journal *Housing Studies*.

FUNCTION & GOALS

- City Futures is interdisciplinary in outlook and activity and avowedly applied in its research focus.
- City Futures contributes to debates in the field through the generation of empirical evidence and development of conceptual frameworks.
- Core activities for City Futures are research, research training and building a value-adding network of connections with government, industry and the community.
- City Futures is committed to training the next generation of urban research scholars through an active postgraduate research program.
- City Futures acts as a focus for the dissemination of research findings from staff working in or associated with the Centre.

MISSION

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

DIRECTOR'S REPORT & HIGHLIGHTS



Welcome to the City Futures Research Centre's 2014 Annual Report. The year marked something of a transition in the Centre's trajectory following a review of the Centre's structure and focus in 2013. Facilitated by Adjunct Prof Geoff Roberts, this process followed a series of round table meetings with leading Sydney-based urban professionals. The resulting draft re-structuring document formed the basis of discussions that led to a reformation of the Centre at the end of 2014. Significant outcomes included the early 2015 move of A/Prof Catherine Bridge's Enabling Built Environments group to an independent role within the Faculty's Architecture Program to better exploit design orientated research opportunities. This enabled a refocusing of the Centre's activities to concentrate more directly on aspects of urban and housing policy. We wish Catherine and her team every success in their future setting, and hope they will build strongly on the success they achieved while part of City Futures since 2009. Our core business of externally-funded research continued in 2014 with further major grant successes. Maintaining the Centre's strong AHURI performance, a major AHURI grant was awarded to Hal Pawson and Vivienne Milligan

to research the capacity of Australia's affordable housing industry, while Ilan Wiesel's grant to research accommodation choices for people with disabilities and a grant led by myself to research the affordability problems of low income central city worker rounded out a trifecta of AHURI achievements. In addition, Hal Pawson led a successful application for an Australian Research Council (ARC) Discovery Grant to research the socio-spatial impacts of rental investor landlord activity in urban Australia.

Foreshadowing deepened engagement with the teaching and learning side of the Faculty Associate Director Prof Hal Pawson built on his involvement in the high level Masters of Urban Policy and Strategy with his Housing Policy and Finance masters elective. Likewise within the Australian Graduate School of Urbanism, he also developed another new masters elective 'Urban Renewal'. In addition, other members of the Centre were actively engaged in teaching and supervisory roles throughout the year. It is expected that this level of engagement will further extend in future years.

STAFFING CHANGES

Congratulations were in order for Susan Thompson, CFRC Associate Director, promoted to Professor in the 2014 UNSW promotions round. Beyond her leadership of the Healthy Built Environments (HBEP) program, Susan's contributions span a range of research, education and engagement activities in the Centre and wider Faculty. Susan's promotion is particularly significant firstly because the social impact of her research on planning and health was recognised as equivalent to more conventional benchmarks for professorial level promotions and, secondly, because she is the Faculty's first fulltime female academic professorial appointment. Professor Thompson also takes the credit for the excellent evaluation report on the HBEP program as delivered in 2014 by NSW Health, principal HBEP funder since 2010.

Other staff activity saw Dr Ilan Wiesel promoted to Senior Research Fellow and Dr Edgar Liu promoted to Research

Fellow. Hal Pawson was appointed as a Visiting Associate at Sheffield University's Department of Town and Regional Planning in the UK. We also saw some other staff changes. The Centre welcomed Dr Laurence Troy in January to work on the new two year ARC Linage grant on strata termination, and Ji Yu joined the team to work on the new AURIN funded Sydney Housing Data Demonstrator project. Unfortunately for us, Ji left in November to take up a post at the NSW Department of Community Services. Catherine Bridge's Enabling Built Environment team expanded with the addition of Dr Sophia Maalsen as Research Assistant, working on the DIY Home Modification project, and Kate Tong who joined the Liveability Lab, launched in February, as Senior Research Officer. The highly innovative Liveability Lab will be used to conduct experiments on design-focused anthropometric, biomechanical and spatial testing with older people and is co-funded by the ARC and Caroma

DIRECTOR'S REPORT & HIGHLIGHTS

Dorf. We also welcomed the appointment of a longstanding colleague: Prof David Mullins, from the University of Birmingham in the UK, as a Senior Visiting Fellow. However, the year saw some fond farewells as well. In addition to Ji Yu mentioned above, after two years as Research Associate with us, Dr Araz Taeihagh moved to take up a position in Public Policy at The School of Social Sciences (SOSS),

Singapore Management University in October. Following her graduation, Dr Jennifer Kent moved on to further post-doctoral research at Sydney University. We wish all of these colleagues the very best in their respective future paths and thank them for their substantial contributions to the Centre's emerging profile over the past few years.

ENGAGEMENT AND RECOGNITION

Testament to the Centre's reputation as a respected and policy-engaged research team, CFRC staff were invited to appear before three parliamentary inquiries on affordable housing in 2014 – two convened by the NSW Parliament and one at Commonwealth Senate level. Moreover, CFRC contributions to the evidence base for housing policy were extensively cited in all three published Inquiry reports.

At the invitation of the New Zealand Government, Hal Pawson visited Wellington in September to advise senior public servants on social housing reform. This connects with proposals to trial the handover of NZ state housing to community housing providers. Drawing on City Futures' research on Australia's public housing transfers and on UK experience, Professor Pawson's assignment involved meetings with a range of NZ Government Departments, as well as Housing New Zealand Corporation.

City Futures staff also featured in awards and prizes. Catherine Bridge was honoured at the 5th International Conference for Universal Design in Fukushima and Tokyo for her co-authored paper on consumer choice and DIY home modifications. Hazel Easthope won the NSW Planning Institute of Australia's award for Cutting Edge Research and Teaching for her research report with Leichhardt City Coun-

cil on improving access for older people in strata-titled properties. Shanaka Herath was honoured with a Highly Commended Paper Award for his paper (with Gunther Maier at WU-Vienna) on local house price gradients in the Viennese apartment market published in the Journal of European Real Estate Research. The Healthy Built Environments Program (HBEP) received a glowing evaluation report from the NSW Ministry of Health for its work over the previous four years. HBEP's work culminated in the inclusion of health as a key objective in the NSW Planning Bill during the year. Finally, Michael Neuman spent three weeks in Iran at the invitation of four universities in Tehran, Isfahan, Shiraz and Mashad involving a series of high profile lectures and high level discussions on aspects of sustainable urbanism.

Last, but not least, I would like to extend a very warm thanks to all our external partners and Faculty staff who have worked hard with us to achieve such a significant outcome over the last year. We greatly appreciate their involvement and the support that has underwritten the Centre's achievements. I would also like to recognise the Faculty's longstanding support for the Centre, which fundamentally underpins our ongoing activities.



A handwritten signature in black ink, appearing to read 'Bill Randolph'.

Prof Bill Randolph

Director, City Futures Research Centre

June 2015

STRUCTURE

City Futures Research Centre is based within the Faculty of Built Environment at UNSW. Most of our research projects are allocated under a particular heading depending on the aim of the project and the source of funding. However, our research staff work across programs mainly depending on each researcher's capabilities, knowledge and interests. Our Programs are:

URBAN ANALYTICS AND CITY DATA



This program capitalises on the centre's interest in GIS and 3D

urban modelling established through several ARC Linkage projects and our involvement in the world leading Education Investment Fund/National Collaborative Research Infrastructure Strategy funded through the Australian Urban Research Infrastructure Network.

City Futures houses a comprehensive set of spatially integrated urban data based on the Sydney metropolitan area which underpins research in the Centre.

URBAN PLANNING AND HIGH DENSITY LIVING



City Futures is a national leader in research in urban planning and the dynamics of urban development.

It specialises in research on metropolitan planning, urban renewal, housing markets and the dynamics of the residential market, high density living, strata development and the 'Compact City', and the relationship between housing and labour market change.

HOUSING POLICY AND PRACTICE



The program has developed, in large part through its success within the

AHURI network, into one of the strongest groupings of housing researchers within Australia.

City Futures is an international leader in housing affordability, social/non-profit housing, private rental and investment; estate renewal and private finance.

Members of City Futures regularly provide high level policy advice and submissions to Federal and State government.

Program Leader:
Prof Bill Randolph

Program Leader:
A/Prof Simon Pinnegar

Program Leader:
Prof Hal Pawson

Major Funding:
- ARC
- Australian Urban Research Infrastructure Network

Major Funding:
- ARC
- NSW Planning and Infrastructure
- Urban Growth NSW
- Strata Community Australia (NSW)
- City of Sydney

Major Funding:
- Australian Housing and Urban Research Institute
- Housing NSW

ENABLING BUILT ENVIRONMENTS



This program is concerned with how the built environment design impacts human function, quality of life and health/care costs for older people, people with disabilities and their carers. The Program is closely linked to State and Federal health and ageing agencies.

Through an ARC grant and in partnership with Caroma, the program has recently opened a Liveability Lab which will be used to conduct anthropological and spatial testing on older Australians.

SUSTAINABILITY AND CLIMATE CHANGE



This program undertakes research into sustainable urban environments through a multi-disciplinary approach to understanding how the design of urban areas can adapt and change in the context of emerging environmental stressors.

There is a strong focus on infrastructure and governance issues as key determinants of sustainability in major urban areas.

HEALTHY BUILT ENVIRONMENTS



The program is revitalising the relationship between the built environment and health professions so that together we can create built environments that support people being healthy in their everyday lives.

This program works closely with key healthy built environment stakeholders in NSW and beyond to deliver research, education and leadership to plan and manage healthy cities for all communities.

Program Leader:
A/Prof Catherine Bridge

Program Leader:
Prof Michael Neuman

Program Leader:
Prof Susan Thompson

Major Funding:
- NSW Home and Community Care
- Council of the Ageing NSW
- ARC
- Caroma Dorf

Major Funding:
- CRC for Low Carbon Living

Major Funding:
- NSW Department of Health
- ARC

PROGRAM LEADERS

URBAN ANALYTICS AND CITY DATA



Prof Bill Randolph joined UNSW BE in August 2004 as Professor

and Director of the City Futures Research Centre. He is also Deputy Director of the UNSW AHURI Research Centre and leads a research team specialising in housing policy, urban development and metropolitan planning policy issues.

Bill has 30 years' experience as a researcher on housing and urban policy issues in the academic, government, non-government and private sectors. He was Director of the Urban Frontiers Program at the University of Western Sydney for six years and Head of Research at the National Housing Federation in London (the national peak body for non-profit affordable housing landlords) for eight years.

During this time he spent a period of sabbatical leave at the Australian National University researching housing affordability and community housing in Australia. Bill has also worked as a research fellow at the Open University and the UK Department of the Environment.

URBAN PLANNING AND HIGH DENSITY LIVING



A/Prof Simon Pinnegar graduated from the University of Oxford in 1992

with First Class Honours in geography, and subsequently completed two Masters Degrees and a PhD, the latter from University College London in 1999. His thesis examined how theoretical concepts of sustainable development became translated and presented through initial development, design and construction of a major visitor attraction created as part of the UK millennium celebrations.

Prior to joining City Futures in 2005, Simon was a Senior Research Officer at the Department for Communities and Local Government (then Office of the Deputy Prime Minister) working across housing, urban policy and sustainable communities directorates. He provided analytical support in housing markets, urban renewal, urban design, and managed a variety of government research commissions including national evaluations.

HOUSING POLICY AND PRACTICE



Prof Hal Pawson joined UNSW in 2011 as a Professor of Housing Research

and Policy, Associate Director of the City Futures Research Centre, and Director of the UNSW AHURI Research Centre. Hal's key interests include the governance and management of social housing, private rental housing and urban renewal.

Previously at Edinburgh's Heriot-Watt University, Hal has extensive experience in leading policy-related housing research commissioned by national governments and funding agencies.

At UNSW, Hal also contributes to Masters teaching via leadership of the Housing Policy and Finance course. Hal has a prolific record of academic journal publications and his latest co-authored book, *After Council Housing: Britain's New Social Landlords* was published in 2010.

He is a member of the Australasian Housing Institute, a Fellow of the Chartered Institute of Housing, and Managing Editor (Australasia) for *Housing Studies*. He is also an Honorary Associate of the Town and Regional Planning Department at the University of Sheffield and a Visiting Professor at Heriot-Watt University.

PROGRAM LEADERS

ENABLING BUILT ENVIRONMENTS



A/Prof Catherine Bridge has an international reputation in the area of research concerning housing, disability, ageing and care. Catherine directs the Enabling Built Environments Program (EBEP) under which the Livable Bathroom work and Livable community work sit. A core component of this suite of research is the Home Modification Information Clearinghouse, which has been funded continuously since 2002 by the Home and Community Care Program. Catherine is a Member of the Standards Australia Visitable, Adaptable and Modified Housing Committee; the Australian Network for Universal Housing Design and is a member of COTA NSW Policy Advisory Group. In 2014 Catherine was an International Judge for the Universal Design Student Awards in Ireland and a judge for the University of Sydney's Halloran Trust Blue Sky Project Grants. Catherine was also appointed to the Competition Advisory Panel by Urbis for the Harbord Diggers Design Competition and she supported the Master of Architecture Students who won both first prizes in the National Affordable Housing Consortium (NAHC) 'Whole of Life, Whole of Use' Design Competition

SUSTAINABILITY AND CLIMATE CHANGE



Prof Michael Neuman specialises in planning, design, and infrastructure for sustainable towns, cities, and regions; with an emphasis on adaptation, resilience and disaster recovery and preparedness in coastal areas.

His numerous articles, reports, and plans have been translated into eight languages. His books include *The Futures of the City Region*, *The Imaginative Institution*, and *Building California's Future*. Michael has been awarded Fulbright and Regents Fellowships, and best article awards in numerous top-tier academic publications. His professional and scholarly work has been recognised by the National Endowment of the Arts, the National Science Foundation, the American Institute of Architects, and the American Planning Association.

He advises governments and private clients around the world, currently the mayor of Naples, and recently the mayor of Barcelona, the Barcelona Metropolitan Plan and the Regional Plan Association of New York. He received his Ph.D. in City and Regional Planning from the University of California at Berkeley.

HEALTHY BUILT ENVIRONMENTS



Prof Susan Thompson has worked as an urban planner in Australia for over 35 years during which time she has held positions in academia, state government and local councils. Susan is Director of the Healthy Built Environments Program, which focuses on planning, designing and building environments that support people's health and well-being as part of everyday life. Susan has also served as Research Leader of the Engaged Communities in Program 3 of the Cooperative Research Centre for Low Carbon Living based at UNSW (2012-2014).

Susan continues to maintain strong links with the planning and cognate professions, bringing currency to both research and teaching. She is a frequent contributor to professional practice forums on different issues including healthy urban planning, cultural diversity and community safety. Her contributions have had significant impacts in urban planning policy, tertiary education, professional development and the advancement of closer links between the disciplines of urban planning and health. In 2012, Susan was elected Fellow of the Planning Institute of Australia.

CITY FUTURES RESEARCH CENTRE STEERING COMMITTEE

THE STEERING COMMITTEE ROLE 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 Committee(s) and the timing of their meetings, and provide minutes of each meeting to the Centres Secretariat.

STEERING COMMITTEE MEMBERS

- **Prof Alec Tzannes**, Dean, Faculty of Built Environment (Chair)
- **Prof Bill Randolph**, Director City Futures Research Centre, Faculty of Built Environment
- **Rob Young**, General Manager, Faculty of Built Environment
- **Prof Rob Freestone**, Prof Planning Program, Associate Dean of Research, Faculty of Built Environment
- **Toni Hodge**, Faculty Research Manager, Faculty of Built Environment.

Three formal Steering Committee Meetings took place in 2014 on 12th May, 4th August and 10th November

PROFESSOR

Prof Bruce Judd, Director - Australian School of Architecture and Design

ASSOCIATE PROFESSOR

A/Prof Vivienne Milligan

SENIOR RESEARCH FELLOWS

Dr Hazel Easthope

Dr Ilan Wiesel

RESEARCH ASSOCIATES

Laura Crommelin (from November)

Dr Shanaka Herath

Dr Edgar Liu

Joanne Quinn

Dr Araz Taeihagh (to October)

Dr Laurence Troy

SENIOR RESEARCH OFFICERS

Michael Bleasdale (to January)

Emily Mitchell

Andrew Tice#

Kate Tong (from October)

Ryan van den Nouwelant#

RESEARCH ASSISTANTS

Toni Adams

Phillippa Carnemolla#

Dr Sophia Maalsen (from October)

Dr Greg Paine*

Dr Vivian Romero*

Laura Davy (to April)

RESEARCH OFFICERS

Andrew Clarke (to March)

Nicole McNamara (to September)

Ji Yu (to November)

ADMINISTRATIVE STAFF

Danielle Del Pizzo, Administration Assistant

Helmut Hoss, Website Programmer

Alice McNamara*, Administration Assistant

Ianina Rubinsztein, Centre Manager

Michelle Svenger, Administration Assistant (from February)

VISITING STAFF

A/Prof Raymond Bunker, Adjunct Associate Professor

Emeritus Prof Ian Burnley, Adjunct Professor

David Lilley, Visiting Fellow

A/Prof Hamish A. MacLennan, Adjunct Associate Professor

Prof Jane Marceau, Adjunct Professor

A/Prof David Mullins, Professorial Visiting Fellow

Geoff Roberts, Adjunct Professor

Prof Peter Sainsbury, Professorial Visiting Fellow

Dr Judy Stubbs, Adjunct Senior Lecturer

Emeritus Prof Patrick Troy, Adjunct Professor

Jennifer Westacott, Adjunct Professor

UNSW ASSOCIATE STAFF

The following UNSW staff were also actively associated with the Centre during 2014.

Dr Gethin Davison, Planning

A/Prof Oya Demirbilek, Industrial Design

Prof Rob Freestone, Associate Dean Research

Dr Cathy Sherry, Faculty of Law

Stephen Ward, Lecturer - Industrial Design Program

Part time/PhD student

* Casual

RESEARCH PARTNERSHIPS

AHURI

Emeritus Prof Mike Berry, RMIT University

Prof Terry Burke, Swinburne University

Dr Lynda Cheshire, University of Queensland

Dr Jonathan Corcoran, University of Queensland

A/Prof Michael Darcy, University of Western Sydney

A/Prof Dianne Dredge, Southern Cross University

Prof Paul Flatau, University of Western Australia

A/Prof Nicole Gurrán, University of Sydney

Prof Kath Hulse, Swinburne University

Prof Keith Jacobs, University of Tasmania

Nicole Johnson, Griffith University

Dr Julie Lawson, RMIT University

Dr Sean McNelis, Swinburne University

Prof Peter Phibbs, University of Sydney

Rhonda Phillips, University of Queensland

Dr Awais Piracha, University of Western Sydney

Margaret Reynolds, Swinburne University

Dr Dallas Rogers, University of Western Sydney

A/Prof Stephen Rowley, Curtin University

Dr Andrea Sharam, Swinburne University

Dr Wendy Stone, Swinburne University

Prof Christine Whitehead, London School of Economics

A/Prof Judith Yates, University of Sydney

Dr Gina Zappia, University of Queensland

OTHER ACTIVE PARTNERSHIPS

Dr Faizah Ahmad, University of Malaya, Malaysia

Dr Elham Amini, Islamic Azad University Paridis, Iran

Prof Caroline Andrew, University of Ottawa, Canada

Prof Christine Bigby, La Trobe University

Prof Xuemei Bai, Australian National University

Dr Rene Bañares-Alcántara, University of Oxford, UK

Dr Mei-Ying Boon, School of Optometry and Vision Science, UNSW

Prof Glen Bramley, Heriot-Watt University, UK

Prof Deborah Brennan, Social Policy Research Centre, UNSW

Prof Rachel Bratt, Tufts University, USA

Dr Roy Byun, NSW Health

Prof Tony Capon, The United Nations University, Malaysia

Prof Rebecca Chiu, The University of Hong Kong

A/Prof Johanna Choumert, University of Auvergne, France

Prof Lindy Clemson, University of Sydney

A/Prof Eddo Coiactto, Griffith University

Prof Carey Curtis, Curtin University

Prof Stephen John Dain, Optics and Radiometry Laboratory

Michelle Daley, National Heart Foundation

Prof Andrew Dannenberg, University of Washington, USA

Prof Marja Elsinga, TU Delft, Netherlands

Prof Suzanne Fitzpatrick, Heriot-Watt University, UK

Stuart Gibb, UrbanGrowth NSW

A/Prof Amir Gandomkar, Islamic Azad University Najafabad, Iran

Prof Faramarz Ghaffarpasand, Shiraz Eram University, Iran

Prof Billie Giles-Corti, Melbourne University

Diana Griffiths, Studio GL

Carrie Hamilton, Housing Action Network

A/Prof Stephen Harfield, UTS

Rema Hayek, NSW Health

Prof Richard Howitt, Macquarie University

Prof Bin Jalaludin, NSW Health and UNSW

Helen Johnson, Transport for NSW

Paul Klarenaar, NSW Health

Prof Satoshi Kose, Department of Architecture, Faculty of Design, Shizuoka University of Art and Culture

A/Prof Fran Klodawsky, Carleton University, Canada

Dr Dawne Lamminmaki, Griffith University

Dr Crystal Legacy, RMIT University

Dr Rebecca Leshinsky, Australian Catholic University

Nicola Lewis, NSW Health

Sandra Lightfoot, The University of Sydney

Prof Nicholas Low, Melbourne University

Dr Alan March, Melbourne University

A/Prof Gunther Maier, WU - Vienna University of Economics and Business, Austria

RESEARCH PARTNERSHIPS

Peter McCue, NSW Premier's Council for Active Living

Julie-Anne Mitchell, National Heart Foundation

Dr Clare Mouat, University of Western Australia

Prof Kristy Muir, Centre for Social Impact, UNSW

Prof Peter Newton, Swinburne University

Dr Nico Nieboer, TU Delft, Netherlands

Dr Sascha Reid, Griffith University

Sgouris Sgouridis, Masdar Institute, UAE

Norma Shankie-Williams, AECOM

Dr Margaret Shaw, International Centre for the Prevention of Crime, Canada

A/Prof Vijay Sivaraman, School of EEandT, UNSW

A/Prof Janet Smith, University of Illinois, Chicago, USA

Dr Kalpana Viswanath, Women in Cities International, Jagori, India

Dr Jan Warnken, Griffith University

Prof Carolyn Whitzman, Melbourne University

Dr Danny Wiggins, Planning, Facilitation and Education Services

Prof Steve Wilcox, York University

INDUSTRY/GOVERNMENT PARTNERS

Arup

Australian College of Community Association Lawyers

Australian Property Monitors

Caroma

Caulfield General Medical Centre

Central Sydney Regional Public Tenants Association

City of Sydney

Commonwealth Scientific and Industrial Research Organisation

Council on the Ageing

Cox Richardson Architects and Planners

Deafness Council of NSW

Department of Social Services

Department of Veteran Affairs NSW State Office

Heart Foundation

Intersect Australia Limited

KeyStone Home Modifications and Maintenance Service

Land and Housing Corporation

Lifetime Care and Support Authority

Living Centre of NSW

Local Government NSW

Macquarie Bank

Marrickville Council

Master Builder's Association, NSW

North Sydney Local Health District

National Heart Foundation

Newleaf Communities

NSW Department of Ageing Disability and Home Care

NSW Department of Family and Community Services

NSW Department of Planning and Infrastructure

NSW Fair Trading

NSW Home Modification and Maintenance State Council

NSW Land and Property Information

NSW Ministry of Health

NSW Office of Environment and Heritage

NSW Premier's Council for Active Living

NSW Statewide Level 3 Project

Owners Corporation Network of Australia Ltd

Payce Communities

Physical Disability Council of Australia

Planning Institute of Australia

Randwick City Council

Royal Australian Institute of Architects, NSW

Salvation Army (NSW)

Scope Access

SGS Economics and Planning

St George Community Housing (SGCH) Ltd

South Western Sydney and Sydney Local Health Districts

Spinal Cord Injuries Australia

Strata Community Australia (NSW)

Sydney Local Health District

Upper Hunter Home Modification and Maintenance Service

UrbanGrowth NSW

Western Sydney Regional Organisation of Councils

Willana Associates

RESEARCH PROJECTS

Project Name	Funded by	Started	Funds	Page
Urban Analytics and City Data				
The Sydney housing demonstrator data hub	AURIN (Led by Melbourne Uni)	2013	\$360,028	16
Housing Policy and Practice				
Addressing concentrations of social disadvantage	AHURI	2011	\$491,877	17
Understanding 'encounter' as a dimension of social Inclusion for people with intellectual disability	ARC / Partners	2011	\$124,000	18
Understanding people-based outcomes: following a community experiencing transition through renewal	Newleaf Communities, Housing NSW	2011	\$250,396	19
AHURI Top-up scholarship (Phillippa Carnemolla)	AHURI	2012	\$21,000	-
Understanding decision making in the not-for-profit housing sector: longitudinal and comparative components	AHURI	2012	\$98,471	20
AHURI Top-up scholarship (Elizabeth Whittaker)	AHURI	2013	\$21,000	-
Cost effectiveness and tenant outcomes in social housing	AHURI	2013	\$285,383	21
Enhancing affordable housing investment via a social housing guarantee	AHURI (Led by RMIT)	2013	\$7,994	22
Policy and economic change in England under the coalition Government: monitoring the impact on homelessness	Crisis UK / Joseph Rowntree Foundation	2013	\$79,626	22
Social housing exits: analysing incidence, motivations and consequences	AHURI	2013	\$151,332	23
Sustaining private rental tenancies: targeted tenant support across life events and housing transitions	AHURI (Led by Swinburne)	2013	\$24,694	23
Accommodating the NDIS: Maximising Housing Choice in a Reformed Disability Sector	AHURI	2014	\$166,456	24
Housing affordability, central city economic productivity and the lower income labour market	AHURI	2014	\$211,394	25
Longitudinal evaluation of Riverwood north renewal project	Payce Communities, SGCH Ltd and FACS	2014	\$233,384	26
NDIS, housing assistance and choice and control for people with disability	AHURI	2014	\$34,726	27
Rooming house futures: governing for growth, fairness and transparency (Led by RMIT)	AHURI	2014	\$14,761	27
Stuck here forever? The dynamics and social consequences of long-term private renting in Australia	ARC	2014	\$93,000	28
Urban inequality: The initiation and preservation of spatial privilege in Australia's elite suburbs	ARC	2014	\$392,371	28

Project Name	Funded by	Started	Funds	Page
Enabling Built Environments Program				
Home modification information clearinghouse	DSS	2012	\$513,370	29
Home modification information clearinghouse	FACS-ADHC	2012	\$121,025	29
Livable bathrooms for older people: designing out dependence in activities of daily living	ARC / UNSW / Partners	2012	\$971,000	29
DIY home modifications: point of sale support for people with disability and their carers	ADHC	2013	\$287,222	30
HACC transition funding for COAG changes	DSS	2013	\$40,000	-
Home modification and maintenance review	KMPG	2013	\$8,160	31
Building criteria, vision and luminance contrast	Access Australia Inc.	2014	\$5,000	31
Crown Street liveability project	City of Sydney Council	2014	\$9,091	32
Systematic Review of home modification evidence base	NSW HMMSC	2014	\$12,500	32
Healthy Built Environments Program				
NSW research and workforce development program on healthy built environments	NSW Ministry of Health	2009	\$1,580,353	33
Planning and building healthy communities: a multidisciplinary study of the relationship between the built environment and human health	ARC / Partners	2010	\$534,897	34
Urban Planning and High Density Living				
Implementing metro planning strategies: taking into account local level housing demand	ARC / Partners	2010	\$321,209	35
Green Square community survey	City of Sydney Council	2012	\$35,904	35
Living together: the rise of multigenerational households in Australian cities	ARC	2012	\$171,051	36
City living: urban consolidation and the social sustainability of cities	ARC	2014	\$681,208	37
Planning in a Market Economy: The case of the Compact City	ARC	2014	270,000	37
Renewing the compact city: economically viable and socially sustainable approaches to urban redevelopment in a complex multi-stakeholder environment	ARC / Partners	2014	329,193	38

RESEARCH PROJECTS

THE SYDNEY HOUSING DEMONSTRATOR DATA HUB

Funded by: AURIN (Led by University of Melbourne)

CFRC Investigator: Prof Bill Randolph

Status: On-going

This project is part of the Australian Urban Research Information Network (AURIN), a Commonwealth-funded program initiated in 2010. The Hub will provide an initial test bed for the development of an integrated spatially referenced database of key housing data drawn from a variety of sources. The central aim is to build a fully spatially co-referenced set of interlinked data based on the property record of all residential properties in the Sydney Metropolitan area. Over its one year life, the project will demonstrate how a variety of spatially referenced data can be built up that will facilitate a range of innovative analyses that have never been achieved to date. It will provide a blueprint for the extension of the model to other Australian urban contexts.

The Hub will provide a central point of contact to AURIN for NSW housing data. The intention is to produce a generic data hub that can be used by other researchers – possibly in the form of a reusable National eResearch Collaboration Tools and Resources (NeCTAR) image. The project will provide an administra-

tive interface on this hub to allow the management of data sets published from the node, including addition and removal of datasets and support for security permissions for datasets programmatically. Ideally these features would be available directly to the owners of the data.

The Hub will develop a database system, maintained by City Futures, that combines online, offline and value-added (including 'toolbox') datasets. External access to this system would be provided through AURIN, with technical arrangements being undertaken by Intersect Ltd. Data for the Hub will be sourced through two key partners, the NSW Department of Planning and Infrastructure and Australian Property Monitors.

The base of the project will be the land use cadastre which will be linked via the General National Address File so that individual property level data can be spatially referenced to each other. On this will be built a series of interlinked datasets that will allow address level data to be interlinked for further statistical manipulation and aggregation using

data drawn from a range of administrative sources and to integrate these with data from other sources, such as Commonwealth Departments, that are available at higher scales of spatial resolution such as census tracts or post codes. The dataset will use the ABS Census geographies as the basic spatial organising framework for aggregating the datasets from basic Census Mesh Block scale.

The project will illustrate the potential of these integrated geospatial datasets through a series of tools and analyses that will use these various datasets in creative ways that will enhance our ability to understand urban housing markets. The output will have the potential to link with data from other AURIN lenses that are similarly geo-referenced, such as energy and health records or transport datasets.

ADDRESSING CONCENTRATIONS OF SOCIAL DISADVANTAGE

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: On-going

Urban dynamics have led to growing spatial polarisation of wealth and housing conditions in Australian cities. While slums and ghettos may be absent, concentrations of poverty and disadvantage can be found in every major conurbation and in many larger regional centres. These are often associated with poorer living conditions and local amenities. However, the geographies of social-spatial polarisation have shifted over time. As shown in our earlier research, the locations of social disadvantage have shifted decisively outwards in Australian cities in recent decades. What was once largely seen as an inner city issue is now very much a problem of middle and outer suburban areas.

Beyond the assumed benefits of consolidation and densification, the metropolitan strategies for Australia's cities offer little to address the complex issues faced by some areas of spatial disadvantage. Thus there is a pressing need for better synergies across government, including through a more

considered understanding of the inherently spatial nature of government policies and their impacts. This research project seeks to fill this gap.

This research focuses on the role of housing, housing policies and programs in how we understand and, where appropriate, address challenges presented by spatial concentrations of disadvantage.

The main issues addressed by the study are:

- How concentrations of social disadvantage have been conceptualised and how this relates to our broader understanding of the operation and impacts of housing and urban systems.
- The impacts of spatial disadvantage, and the importance of housing and place in mediating its incidence, as well as the consequences of living in disadvantaged areas for the residents concerned.
- How policy, practitioners and communities can respond to spatial disadvantage in 'best for people, best for place' terms.

RESEARCH PROJECTS

UNDERSTANDING 'ENCOUNTER' AS A DIMENSION OF SOCIAL INCLUSION FOR PEOPLE WITH INTELLECTUAL DISABILITY

Funded by: ARC and Research Partners (Led by La Trobe University)

CFRC Investigator: Dr Ilan Wiesel

Status: Completed in 2014

Despite the centrality of social inclusion to social policy, its interpretation and attainment remain elusive for people with intellectual disability. Drawing ideas from disability and urban planning, and using the concept of 'encounters', this research explored the influence of the social and built environment on opportunities for people with intellectual disability to be socially included. It explored the types of 'encounters' experienced by people with intellectual disability to identify factors that support or inhibit encounters. By integrating conceptual and methodo-

logical approaches from the fields of urban geography/planning and disability studies, the research provided an innovative approach to the study of social inclusion. It used observational methods, locality surveys and interviews to explore and identify the range of convivial "encounters" experienced by people with intellectual disability from their own perspective and that of the general public.

“Social inclusion for people with intellectual disability can be enhanced through better social planning. This includes improving access to mainstream community resources such as neighbourhood centres, public libraries and commercial venues, and designing such places with the purpose of facilitating opportunities for convivial encounters between strangers with and without disability.”

UNDERSTANDING PEOPLE-BASED OUTCOMES: FOLLOWING A COMMUNITY EXPERIENCING TRANSITION THROUGH RENEWAL

Funded by: Newleaf Communities, Housing NSW

Project leader: A/Prof Simon Pinnegar

Status: On-going

The western Sydney suburb of Bonnyrigg is going through major renewal works over the next decade and a half to transform it from a predominantly public housing estate to a multi-tenured neighbourhood. As with any large-scale renewal project, especially one with such a heavy focus on its housing stock, the communities at Bonnyrigg and its immediate surrounds will be greatly affected.

Newleaf Communities has been established as the consortium responsible for overseeing the course of the renewal. It follows a public-private partnership model, the first (and to date, the only) of its kind in Australia in terms of neighbourhood-wide renewal, and comprises five public (Bonnyrigg Management), private (Becton Property Group Limited; Westpac Banking Corporation; Spotless Group) and not-for-profit (St George Community Housing Association) partners.

To be completed in 18 stages over 15 years, the first few stages of resident relocations and housing demolition have already been completed; new housing in Stages 1, 2

and 3 have also been constructed and residents have already moved in (as at August 2013). Neighbourhood renewal, however, is more than just about physical overhauls.

As part of its commitment to the Bonnyrigg neighbourhood, Housing NSW and Newleaf Communities have asked City Futures Research Centre to conduct a longitudinal study and look at the renewal from a more socially-oriented perspective.

From here, the Bonnyrigg Residents Panel was established. The Bonnyrigg Residents Panel is a panel of 100 households who actively engage in research about the changes occurring in Bonnyrigg over the course of the renewal. Invitation is open to all residents of Bonnyrigg and participants play active roles in sharing their thoughts about how they, their families and the communities in general experience the changes brought about by the renewal.

Akin to all longitudinal studies, panel members will participate in a series of in-depth interviews throughout the

course of the renewal, from pre-relocation, through temporary re-settlement, to their re-introduction to the new Bonnyrigg. Like Newleaf Communities, the Bonnyrigg Residents Panel and its associated longitudinal study will be the first of its kind in Australia, tracking resident experiences throughout the course of their neighbourhood's renewal process.

RESEARCH PROJECTS

UNDERSTANDING DECISION MAKING IN THE NOT-FOR-PROFIT HOUSING SECTOR: LONGITUDINAL AND COMPARATIVE COMPONENTS

Funded by: AHURI

Project leader: A/Prof Vivienne Milligan

Status: On-going

Building on previous research, this project will contribute to the understanding of third sector housing organisations and business models in three key ways. First, it will offer a new up-to-date snapshot of strategic positioning and decision making in Australian housing's third sector. Second, through direct comparison of survey findings in 2011 and 2013, it will provide the first longitudinal perspective on the recent development of the sector especially to show how leading organisations manage rapid change and volatility in their environment and the consequences for their

businesses. Third, by being one of a set of four international studies being conducted simultaneously using a similar methodology it will contribute to the potential for a rich comparative analysis of the contemporary positioning of the housing third sectors in Australia, the US, England and the Netherlands. This will enable improved understanding of how the third sector model fares in different political, economic and social contexts.

The research is being undertaken jointly by the UNSW, Swinburne and UWA AHURI Research Cen-

tres. The international comparative component of the research involves research teams in England, the United States and The Netherlands undertaking simultaneous studies.

COST EFFECTIVENESS AND TENANT OUTCOMES IN SOCIAL HOUSING

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: On-going

The aspiration to grow community housing has formed a central plank of Australia's post-2007 housing reform program. Underlying the shift, it has also been contended that community housing providers can deliver added value both to individuals as tenants (e.g. via a more responsive and personalised delivery model than public housing), and to communities (e.g. through a more resident-influenced approach and/or the provision of non-housing services).

The belief that Australia's community housing providers generally achieve superior tenant outcomes appears borne out by 2010 resident satisfaction data showing, for example, that in NSW 77% of community housing tenants were satisfied with landlord services compared with only 64% of State Housing Authority tenants. While this contrast might reflect a more intensive – and therefore costly – community housing operating model, there is unfortunately no standard 'housing management expenditure' metric to inform such a comparison. The research provides an opportunity to calibrate these costs.

Beyond its contribution of new primary

research, the project will form a vehicle for formulating and testing measures for possible incorporation within a modernised version of the official social housing performance framework. Having remained largely unchanged for over 15 years, this is now overdue for reform to better align with contemporary policy priorities such as:

- Increased policymaker expectations for landlords to promote economic and social well-being through 'reconnecting' tenants with relevant networks
- Enhanced policymaker interest in 'outcomes'.

This project investigates the extent to which different types of social landlords are operating programs, procedures and ways of working to promote resident wellbeing, including social and economic reconnection. It also aims to devise a more tightly-focused metric for management expenditure and will develop a wider range of measures on tenant cohort characteristics and tenant outcomes as well as probing the scope for more systematic procedures in generating tenant satisfaction ratings properly compara-

ble across providers and jurisdictions.

RESEARCH PROJECTS

ENHANCING AFFORDABLE HOUSING INVESTMENT VIA A SOCIAL HOUSING GUARANTEE

Funded by: AHURI (Led by RMIT)

CFRC Investigator: Prof Hal Pawson

Status: Completed in 2014

The study involved a review of six international housing guarantee schemes, interviews with industry stakeholders and international experts and a Think Tank, which directly engaged key stakeholders in the Australian financial services and affordable rental sector. The study proposed two models: an Affordable Housing Finance Corporation, and the established tool of Securitisation.

The first model is preferred because it is relatively simple, transparent

and works with existing policies like the National Regulatory System for not-for-profit providers and subsidies like Commonwealth Rent Assistance and the National Rental Affordability Scheme. It also minimises the impact on government budgets and lowers the cost of finance to providers compared with Securitisation.

The proposal overcomes many barriers cited by institutional investors by offering investment opportunities at an appropriate scale and risk

rate return. It would meet the risk/return strategies of large and growing super funds, a likely source of investment. It also meets government objectives to increase private investment in affordable rental housing and build an efficient rental market.

POLICY AND ECONOMIC CHANGE IN ENGLAND UNDER THE COALITION GOVERNMENT: MONITORING THE IMPACT ON HOMELESSNESS

Funded by: CRISIS UK and Joseph Rowntree Foundation (Led by Heriot-Watt University)

CFRC Investigator: Prof Hal Pawson

Status: On-going

The homelessness monitor is a five year study (2011-2015), funded by Crisis and the Joseph Rowntree Foundation, that provides an independent analysis of the impact on homelessness of recent economic and policy developments in the UK. Led by Heriot-Watt University, Edinburgh, the key areas of interest are the impact on homelessness and housing of:

- The post-2007 economic recession and housing market downturn
- Welfare reforms and public ex-

penditure cutbacks being pursued by the UK Coalition Government elected in 2010

- Other relevant policies of both the UK Government and the devolved administrations in Scotland, Wales and Northern Ireland

The CFRC contribution to this project mainly involves secondary data analysis of homelessness statistics from UK Government and non-government sources.

SOCIAL HOUSING EXITS: ANALYSING INCIDENCE, MOTIVATIONS AND CONSEQUENCES

Funded by: AHURI

Project leader: Dr Ilan Wiesel

Status: Completed in 2014

Over recent decades public housing in Australia has been transformed from a home for low-paid workers and a stepping-stone to homeownership, to a 'safety net' for those in greatest need. Such emphasis has increased in the past decade with more stringent targeting of high-need applicants in vacancy allocation. More recently, state housing authorities have also sought to promote, in different means, the exit from public housing of their existing tenants who are not considered to be in greatest need. This, it is argued, is warranted on both equity and efficiency grounds to free up vacancies

for wait-list applicants in greater need.

The study identified the factors which prompt or deter voluntary moves of tenants out of social housing, and the factors influencing the sustainability of such moves. Key questions that were addressed by the research included:

- What is the profile of those exiting public housing?
- What are the main motivations underlying voluntary exits from public housing?
- What are the key challenges and risks for ex-social housing tenants in accessing and sustaining

affordable housing and/or market tenancies?

- What are the wider impacts of tenant exits on social housing provision in Australia?

Research methods included secondary analysis of national survey data (HILDA database), analysis of primary data about tenant exits obtained from public housing authorities in several Australian jurisdictions, and in-depth interviews with current and former public housing tenants in NSW and Victoria.

SUSTAINING PRIVATE RENTAL TENANCIES: TARGETED TENANT SUPPORT ACROSS LIFE EVENTS AND HOUSING TRANSITIONS

Funded by: AHURI (Led by Swinburne University)

CFRC Investigator: Dr Ilan Wiesel

Status: Completed in 2014

The capacity of low income private renters to successfully sustain tenancies is an emerging policy issue about which little is yet known. Responding to this, the research asks: under what conditions can low income private tenants successfully sustain tenancies across life events and housing transitions, and what policy interventions can most effectively support this?

Informed by the 'housing pathways' approach, the research involves an innovative mix of quantitative and qualitative methods. Longitudinal analysis of the HILDA survey will examine the impact of life events and housing transitions on the capacity of low income private tenants to sustain tenancies. Interviews with low income private tenants in Melbourne, Sydney and Perth will examine tenant per-

ceptions, motivations and strategies around sustaining tenancies, and explore their views on the types and timing of housing and social support services that might improve tenancy sustainment. Fifteen interviews with key expert practitioners and two policy development workshops will facilitate high level policy engagement throughout the life of the project and facilitate uptake of research findings.

RESEARCH PROJECTS

ACCOMMODATING THE NDIS: MAXIMISING HOUSING CHOICE IN A REFORMED DISABILITY SECTOR

Funded by: AHURI

Project leader: Dr Ilan Wiesel

Status: Completed in 2014

The nationwide rollout of the NDIS is transforming disability services in Australia. The availability of individualised NDIS support funding could potentially create new housing opportunities for people with disability who will be able to receive support wherever they live. However, the shortfall in supply of housing both affordable and physically accessible in locations well connected to employment, services and amenities remains a key challenge facing this historic reform. The study identified the factors enabling people with disability receiving individualised funding to transition into housing which better suits their preferences and needs. The study investigated

the following research questions:

- How do emergent practices in the funding and delivery of disability support services impact on housing demand among people with disability?
- How do people with disability secure their preferred housing and living arrangements?
- What are the shelter and non-shelter outcomes for people with disability who moved to their preferred housing and living arrangements?

In addressing these questions, the study involved in-depth interviews with key stakeholders in the disa-

bility and housing sectors and with people with disability who moved to housing of their choice following receipt of individualised funding in three Australian jurisdictions.

In line with inclusive disability research practice principles, the study was delivered through a partnership between UNSW, RMIT, People With Disability Australia (PWDA) and People with Disability Western Australia (PWDWA).

HOUSING AFFORDABILITY, CENTRAL CITY ECONOMIC PRODUCTIVITY AND THE LOWER INCOME LABOUR MARKET

Funded by: AHURI

Project leader: Prof Bill Randolph

Status: On-going

The objective of the research is to establish whether the diminishing supply of affordable housing opportunities available to lower paid workers in job rich central city locations is having an impact on central city businesses and on the overall productivity of these highly dynamic central city economies that are critical to the economic well-being of Australian international competitiveness. The research will be the first to explicitly consider this issue.

The research adopts a multi-tiered approach. It will review census and other data as to the housing market position of the low income central city labour force in Australia's three largest CBDs – Melbourne, Sydney and Brisbane. This will be followed by an in-depth study of the situation in the City of Sydney, who

are the partners for the research.

The specific research questions to be addressed are:

- What is the current state of Australian and overseas practice in planning affordable housing for lower income central city workers?
- What is the extent of the spatial mismatch between job structure and affordable housing provision in the central labour markets of Melbourne, Sydney and Brisbane?
- Which employee groups are most affected and what is their housing experience in terms of affordability and location?
- Which employer groups are most impacted by this issue, what problems does this cause them and how do they deal with these problems?
- What role has the recent expansion of higher density housing in central city areas played in housing the lower income central city workforce?
- To the extent that mismatch is occurring, what are the broader implications for the stability, equity and efficiency of central city economy?
- What are the housing policy implications for the situation revealed by the research?

RESEARCH PROJECTS

LONGITUDINAL EVALUATION OF RIVERWOOD NORTH RENEWAL PROJECT

Funded by: Payce Communities, SGCH Ltd and NSW Department of Families and Community Services

Project leader: Prof Bill Randolph

Status: On-going

Riverwood North is a large public housing estate in Sydney's inner southwest. The NSW State Government has awarded Payce Communities the tender to regenerate the estate. Initiated in 2011 and also involving St George Community Housing Ltd (SGCH Ltd), the project is scheduled for completion between 2016 and 2020. It will include replacement of some 180 public housing units with 650 new homes – the majority for open market sale.

In addition to housing densification and diversification, the scheme will also include a new library, a community centre, retail provision, as well as a public park and other public open spaces. As part of the overall package, numerous social inclusion initiatives are also being rolled out.

Commencing in 2014, City Futures is undertaking a formative evaluation of the project. This encompasses (1) residents of the newly built homes;

(2) former tenants displaced from the estate due to demolition (and are either not eligible or not taking up the opportunity to return), and (3) residents of the remainder of the Riverwood Estate not directly impacted by the physical renewal. It aims to reflect opportunities for residents to engage and contribute to decisions about the renewal, physical and social impacts of the renewal activities, and outcomes of introducing large numbers of private households into the area.

Evaluation fieldwork takes a mixed-method approach and is undertaken in three waves, in 2014/15, 2015/16 and 2017/18. This includes:

- A residents survey
- Key stakeholder interviews
- Resident focus group meetings and in-depth interviews
- Secondary data analysis

NDIS, HOUSING ASSISTANCE AND CHOICE AND CONTROL FOR PEOPLE WITH DISABILITY

Funded by: AHURI

Project leader: Dr Ilan Wiesel

Status: Completed in 2014

The National Disability Insurance Scheme (NDIS) demonstrates the challenges of individualised welfare in relation to affordable housing provision. A fundamental goal of the NDIS is to maximise participants' 'choice and control' over the support services they receive, from whom and where. The NDIS is not responsible for the provision of housing for participants, but the 'user-costs of capital' funds costed into the Scheme at around \$550 million per annum (adjusted to inflation), could potentially be used to subsidise housing for participants. This essay examined the rationale

for a supply-side approach to user costs of capital, and considered how 'choice and control' for NDIS participants could be maximised in this context, focusing on three key issues:

- Strategies to increase overall supply of affordable housing
- The type of housing that is needed
- The management of housing stock.

ROOMING HOUSE FUTURES: GOVERNING FOR GROWTH, FAIRNESS AND TRANSPARENCY

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: Completed in 2014

Undertaken in collaboration with RMIT University and Swinburne University, this study focused on challenges facing the policy community in Victoria and NSW in the development of a regulatory regime which addresses issues of quality and legitimacy in the rooming/boarding house industry.

The research focused on the reformed regulatory frameworks for rooming/boarding houses (co-incidentally introduced by the Victoria and NSW

state governments in 2012. Early implementation of the new regimes was investigated mainly through a program of interviews and focus group discussions involving relevant State Government departments, local government officers, boarding house owners and operators, and NGO advocates and service providers.

State-specific discussion papers collated from resulting findings were published by AHURI but also

formed the basis for facilitated discussions at two expert stakeholder Panel discussions (in Victoria and in NSW), as convened by the research team. These meetings helped to inform the overall Final Report which brought together evidence on regulatory reform from the two states.

RESEARCH PROJECTS

STUCK HERE FOREVER? THE DYNAMICS AND SOCIAL CONSEQUENCES OF LONG-TERM PRIVATE RENTING IN AUSTRALIA

Funded by: Australian Research Council (ARC Discovery)

Chief Investigator: Prof Hal Pawson

Status: On-going

A new Generation Rent is emerging in Australia. Already one in 12 Australian households – many families among them – find that private renting no longer leads to home ownership but is a long-term or permanent reality, exposing them to such risks as forced moves at short notice. Despite the group's large and growing size, little is known of its characteristics or the consequences for children and adults.

Starting with a survey of 600 private tenants in Sydney and Melbourne,

this project will probe why people become long-term renters, how far they are able to make a home and exercise some control over their circumstances and the ways in which long-term renting affects their wellbeing. Yielding new analytical insights into the long-term effects of housing insecurity, the study will also inform housing policy.

URBAN INEQUALITY: THE INITIATION AND PRESERVATION OF SPATIAL PRIVILEGE IN AUSTRALIA'S ELITE SUBURBS

Funded by: Australian Research Council (ARC DECRA)

Chief Investigator: Dr Ilan Wiesel

Status: On-going

Increased spatial inequality in Australian cities since the 1970s has seen rising wealth in the wealthiest suburbs and increased poverty in the poorest. Investigating the drivers of such polarisation, the study will innovate by focusing on the wealthiest suburbs of Sydney and Melbourne. It will measure inequalities in access to services, and investigate how affluent communities mobilise their financial means, family and social networks and ne-

gotiation skills to draw in investment in infrastructure and services. The study's results will advance international analytical knowledge of urban dynamics and will inform planning and policy strategies to achieve more equitable distribution of services and infrastructure in metropolitan areas

HOME MODIFICATION INFORMATION CLEARINGHOUSE

Funded by: NSW Department of Family and Community Services (23%) and the Commonwealth Department of Social Services (77%)

Project leader: A/Prof Catherine Bridge

Status: On-going

The HMinfo team focuses on understanding the interactions between population extremes, functional impairments and built environment outcomes.

Understanding these conditions has become an increasingly critical factor in creating and maintaining sustainable informal and self-care systems for all nations responding to population ageing. Because of the diverse range of professions within our team, we are particularly skilled in synthesising large-scale systematic literature searches across discipline areas relevant to a particular topic of interest.

Our meta-analysis explicitly lists inclusion and exclusion criteria and is used to carefully identify all moder-

ating variables. Our methods have become increasingly critical in drawing out evidence-based research previously overlooked or inaccessible because of their highly specialised areas of discipline expertise. Making the evidence available online for practitioners, organisations and policy makers in a usable and accessible format is an important part of our dissemination program.

All HMinfo research is disseminated through the HMinfo website.

HMinfo reviews and updates its published evidence over a 5 year cycle to maintain its currency and support evidence-based practice. The list of available online publications and resources produced and

managed by the team includes:

- Annotated web links
- Annotated Bibliographies
- Evidence Based Practice Reviews
- Consumer Factsheets
- Industry Factsheets and Checklists
- Occasional Research Papers and Summary Bulletin
- Block Library
- Case Study Library
- Forums
- Research Library
- Upcoming training and/or events

LIVABLE BATHROOMS FOR OLDER PEOPLE: DESIGNING OUT DEPENDENCE IN ACTIVITIES OF DAILY LIVING

Funded by: Australian Research Council (ARC), Caroma Dorf and UNSW

Chief Investigator: A/Prof Catherine Bridge

Status: On-going

Current bathroom environments may not support the functional performance of older people and the assistive technologies helpful for bathing are under-developed and underutilised among older people living at home.

A lack of knowledge about bathing environments, uncertainty about the

design preferences of older people, lack of basic human factors data, design guides and standards without adequate validation process, and reports of design practice not based on empirical evidence are hallmarks of current bathroom design research.

As part of a collaboration with GWA

the largest single supplier of Australian sanitary ware, this research will assist in incorporating human factor and computational knowledge obtained in partnership with older people.

This 3 year ARC Linkage project will be undertaken in partnership with Caroma Industries.

RESEARCH PROJECTS

DIY HOME MODIFICATIONS: POINT OF SALE SUPPORT FOR PEOPLE WITH DISABILITY AND THEIR CARERS

Funded by: ADHC (NSW Department of Family and Community Services)

Project leader: A/Prof Catherine Bridge

Status: On-going

This project, supported by ADHC, investigates a previously overlooked area of home modifications research, to examine DIY home modifications and expand upon current research that examines the cost-benefit of home modifications for consumers and governments.

The context for this project is the recent aged care and disability care reforms in Australia and the implications they represent for self-care and housing, particularly in New South Wales. This is underlined by a shift in focus from ongoing support and care toward the delivery of support in the home. It has the potential to influence decisions about what home modifications consumers may make, how they may make them, where they live, and the support and care they receive. These reforms further underline the growing desire of Governments and individuals in Australia to age in place.

The overall goal of the project is to establish a suite of resources to provide advice and support to consumers intending to undertake DIY home modification projects safely and appropriately. These resources will be made available online and at the point-of-sale for retailers and consumers. This information could also advise consumers where to find the best information to assist them in their choices, for example through the HMinfo website, an Oc-

cupational Therapist, a Pharmacist, or relevant government department.

Five home modification topics have been identified as the most relevant and highest priority, being activities that can legally be undertaken as DIY but which could cause the most harm if unsuitable for the situation and/or installed incorrectly. These are:

- Grab rails
- Ramps
- Hand-held showers
- Level access shower recesses
- Hand railings

The key questions that direct this research are:

- How many people are not utilising government-subsidised Home Modification and Maintenance Services and are doing home modifications DIY?
- What information do retailers of home modification components have or need?
- What information is currently provided to consumers who purchase these home modification components?
- What information do consumers need, and in what formats?

Research methods include semi-structured interviews with key stakeholder organisations, consumer and industry surveys, and video ethnography to understand DIY home modifications practice and the needs of consumers. The project will also investigate the size and composition of the DIY home modification segment of the market, develop cost effectiveness modelling scenarios, and examine the respective costs, benefits and DIY trends in NSW.

HOME MODIFICATION AND MAINTENANCE REVIEW

Funded by: KMPG

Project leader: A/Prof Catherine Bridge

Status: Completed in 2014

KPMG has entered into an agreement with the Home Modification Information Clearinghouse to review Home Modifications and Maintenance for the Department of Health and Ageing for the Home Modification Information service to:

- Provide advice and guidance relating to the literature review component of the Review, which will examine evidence of good practice and implications for future service delivery.
- Provide guidance and feedback on the key issues and questions to be discussed during consultations with jurisdictional governments, and with providers and sector representatives.
- Provide advice and guidance on mapping of current service provision and available data to inform this service mapping.

BUILDING CRITERIA, VISION AND LUMINANCE CONTRAST

Funded by: Association of Consultants in Access Australia Inc

Project leader: A/Prof Catherine Bridge

Status: On-going

This project examines how people with normal and impaired vision with their physical characteristics identify and rate building elements possessing various luminance and chromatic contrasts in terms of their appearance and functionality. The tasks performed in the project are expected to provide description regarding the recommended contrast and the preferred combinations of colours and/or materials that sufficiently support the identification and comfort for people

with various types of vision. The aim of the project is to establish inclusive design criteria/ guidelines that enable architects and designers to apply or combine the colours and/or materials of building elements providing luminance and chromatic contrast that support visibility/ detectability and visual comfort for people with various types of visual conditions.

RESEARCH PROJECTS

CROWN STREET LIVABILITY PROJECT

Funded by: City of Sydney

Project leader: A/Prof Catherine Bridge

Status: On-going

These funds were for providing evidence-based advice to the City of Sydney to ensure that the Crown Street upgrade was accessible and met the needs of older people and people with disability in terms of access and usability. Children, youth, visitors, people growing older, people with a disability and their carers all have the same rights to participate in the community as everyone else.

Planning is vital if we are to meet the future needs of our community particularly as all councils have an obligation to comply with and sup-

port International, National and State based inclusion legislation and policy.

Tools that support planning also need to link back to key datasets (assets, maintenance, costing etc.), not to mention council policies and strategies.

Benefits include all users having a more positive experience; decrease in complaints on the grounds of discrimination; and cost reductions as costly retrofitting and unplanned maintenance may be reduced and better managed.

SYSTEMATIC REVIEW OF HOME MODIFICATION EVIDENCE BASE

Funded by: NSW HMMSC

Project leader: A/Prof Catherine Bridge

Status: On-going

This project is a systematic review of the intervention of home modifications is critical for the survival and growth of a national home modification program for the following reasons:

- It systematically defines the evidence base around the benefits, value and outcomes of home modifications as an intervention – providing critical support for the future of a home modification program/service.

- It provides a foundation for developing training and education programs around home modifications

NSW RESEARCH AND WORKFORCE DEVELOPMENT PROGRAM ON HEALTHY BUILT ENVIRONMENTS

Funded by: NSW Ministry of Health

Project leader: Prof Susan Thompson

Status: Completed in 2014

The NSW Research and Workforce Development Program on Healthy Built Environments was the catalyst for the establishment of the Healthy Built Environments Program (HBEP) in the CFRC. While the NSW Research and Workforce Development Program has now been completed, the HBEP continues with other funding. The HBEP is an innovative collaboration that brings the built environment and health together. As Australia faces increasing health costs from rising rates of obesity, diabetes and other lifestyle diseases, health workers are seeking to influence the design of cities to make them more supportive of healthy ways of living. Research increasingly demonstrates strong links between modern epidemics and the way of life in cities. Car-dominated transport, reduced opportunities for physical activity, increased fast-food availability and lack of social connection are all implicated. More and more the health sector is focusing on prevention, and to be effective, health professionals need to work in collaboration with other disciplinary groups, especially those from the built environment. The HBEP is contributing to revitalis-

ing the relationship between the built environment and health professions.

The HBEP strategy aims to support the development in NSW of current and future communities in which the built environment promotes good health for all. This continues to be done through the Healthy Built Environments Program's three identified core strategies as follow:

- Research – the HBEP fosters interdisciplinary research which is policy relevant. A literature review was conducted to identify gaps in current knowledge. This enabled the development of a research strategy to prioritise policy relevant healthy built environments research.
- Leadership and Advocacy – the HBEP advocates for closer links between health and the built environment. This advocacy involves government and non-government agencies, the private sector and the community. The Program disseminates the latest healthy planning research, policy and practice initiatives in professional journals, popular media articles, talks and events.
- Education and Workforce Development – the HBEP aims to deliver innovative, cross disciplinary education and capacity building. Under the NSW Research and Workforce Development Program an audit of practices in NSW Health was conducted so that appropriate strategies for education and partnership building across the health and built environment sectors could be determined. Professional development education was duly delivered across NSW. Educational approaches also build on the Faculty of the Built Environment's 'Healthy Planning' and 'Healthy Built Environments' courses. Doctoral research students are engaged in significant projects.

RESEARCH PROJECTS

PLANNING AND BUILDING HEALTHY COMMUNITIES: A MULTIDISCIPLINARY STUDY OF THE RELATIONSHIP BETWEEN THE BUILT ENVIRONMENT AND HUMAN HEALTH

Funded by: Australian Research Council (ARC), UrbanGrowth NSW, The National Heart Foundation, and South Western Sydney Local Health District.

Chief Investigator: Prof Susan Thompson

Status: On-going

The central aim of this research is to understand how diverse residential neighbourhoods with a range of design features, different housing densities, varied commercial, open space and transport provision, and in different metropolitan and fringe localities, support human physical and mental health. The study is being undertaken by the Healthy Built Environments Program in partnership with UrbanGrowth NSW (formerly Landcom), the National Heart Foundation and the South Western Sydney Local Health District. It aims to provide information which can be used to predict likely health outcomes of future similarly accommodated urban populations in Australia, as well as strengthen multidisciplinary approaches and policy development in this area.

The research is being undertaken in four socio-demographically and geographically diverse neighbourhoods in NSW – Victoria Park, Rouse Hill, Airds Bradbury and Renwick. A mixed methods approach is being used to address the following questions:

- Who is attracted to the development?
- What are the motivations of residents in deciding to live in a particular development?
- What is the health status of residents over time – when they move into the development (or at the start of the study) and after they have lived there for some time?
- What features of the development make it easy/difficult for residents to be physically active in their everyday lives?
- What features of the development make it easy/difficult for residents to access healthy food, public transport, community facilities and services which are linked to good health outcomes?
- What features of the development make it easy/difficult for residents to be mentally healthy?

In order to examine each case study site in relation to its effectiveness in supporting good physical and mental health, a Healthy Neighbourhood Audit Instrument was developed in 2011. In 2012, this Instrument was used to map the key features and infrastructure of each case study site, as well as to record detailed environmental observations about how different spaces were used. Food outlets in each neighbourhood were also assessed to provide an understanding of the affordability, availability and quality of healthy foods in supermarkets and farmers' markets. Interviews and focus groups in all four neighbourhoods have been completed and all research findings are currently being compiled.

IMPLEMENTING METROPOLITAN PLANNING STRATEGIES: TAKING INTO ACCOUNT LOCAL LEVEL HOUSING DEMAND

Funded by: Australian Research Council (ARC), UrbanGrowth NSW and NSW Department of Planning and Environment

Chief Investigator: Prof Bill Randolph

Status: Completed in 2014

The project undertook a three-year research program working with the NSW Government Planning agencies. The overarching aim of the project was to develop a suite of practically applicable methods to enable the partner agencies to assess local housing demand profiles. Supply-side issues and mechanisms are well understood and monitored. Forecasting techniques, and assumptions based upon these techniques, are used to 'plan' our cities into the future. However, the actual translation of these strategies requires a more nuanced and pragmatic approach if the differential geographies of housing demand – and the different drivers and components of demand – are

to be understood and worked with.

The project contributed to current academic debates concerning scale, function and intersection of housing markets and translate these into "real world" applicable resources. A key outcome was a methodology that generated census-based Housing Market Demand Areas and a contrasting set of Housing Market Supply Areas for the Sydney metropolitan area. A novel approach to surveying recent movers was also completed with a significant analysis of motivations among recent moving housings (both renters and owners) for two sub-regional areas (North-west Sydney and Eastern Sydney). Further analysis of the changing nature

of intra-urban mobility over 30 years was also undertaken. A practical outcome was a set of census and survey based analytical methods that can be used to update these initial functional housing market areas periodically by the planning authority. The project also supported an APA(I) PhD scholarship. The PhD research focused on submarket function and connectivity between different markets. Of particular interest was the role of lower-value markets as gateways into the housing system and how their structure affects forward mobility in the market

GREEN SQUARE COMMUNITY SURVEY

Funded by: City of Sydney Council

Project leader: Dr Hazel Easthope

Status: Completed in 2014

This research project involved the development of a survey tool for on-going assessment of social interactions and social cohesion at a large-scale urban renewal site that could be used to:

- Measure the nature of social cohesion and social interaction and identify opportunities and barriers residents face in contributing to

social cohesion and community development.

- Understand the wellbeing of residents and workers, including their satisfaction with and attachment to the area, their local area preferences and desires, and their plans for the future.

340 complete and valid survey responses were received.

RESEARCH PROJECTS

LIVING TOGETHER: THE RISE OF MULTIGENERATIONAL HOUSEHOLDS IN AUSTRALIAN CITIES

Funded by: Australian Research Council (ARC Discovery)

Chief Investigator: Dr Hazel Easthope

Status: On-going

Increasing numbers of Australians are living in households where more than one generation of related adults live together. This is especially the case in our major cities. At the time of the last Census (2011), one in five Australians lived in a multigenerational household; for Sydney, one in four Sydneysiders lived in a multigenerational household.

The aim of the research is to determine the principal drivers of the emergence of multigenerational households in Australian cities and how these affect the day-to-day lives of families.

The research focuses on:

- Structural changes in Australian society, notably the ageing of the population, changing employment structures, and constrained housing supply.
- Public policy decisions about the provision of housing and areas of family significance, notably higher education, child care and aged care.
- Social and cultural views about the family, influenced by shifts in the social and cultural makeup of our cities.
- The project will demonstrate the dynamic relationships between the financial, political, demographic, social and cultural factors influencing the nature and extent of multigenerational households.

The project will also provide insights into intergenerational family relationships and individuals' understandings of family and home; challenge and extend understandings of intergenerational dependency; and provide valuable information to enable policy-makers to better plan for urban development and forecast demand for services and subsidies.

The research draws upon census analysis to verify the extent of multigenerational cohabitation in two Australian cities (Sydney and Brisbane) and includes a survey of multigenerational household members, follow-up diaries and interviews about their decision to live in a multigenerational household and the influence of these drivers on their understandings of identity, family and home.

The project will demonstrate the dynamic relationships between the financial, political, demographic, social and cultural factors influencing the nature and extent of multigenerational households.

The project will also provide insights into intergenerational family relationships and individuals' understandings of family and home; challenge and extend understandings of intergenerational dependency; and provide valuable information to enable policy-makers to better plan for urban development and forecast demand for services and subsidies.

CITY LIVING: URBAN CONSOLIDATION AND THE SOCIAL SUSTAINABILITY OF CITIES

Funded by: Australian Research Council (ARC Future Fellowship)

Chief Investigator: Dr Hazel Easthope

Status: On-going

The project is investigating the broader implications of the lived experiences of apartment residents and owners for the social sustainability of cities. The project aims to raise awareness of the unique challenges of apartment ownership and apartment living and provide proposals to support better outcomes for apartment residents and for the broader community. The research will provide information that will help us to understand how the needs of different people living together in strata schemes can best be accommodated and what can be done to make strata properties attractive places to live for everyone.

The research will provide ground-breaking data on the influence of socio-economic mix on the governance and management of apartment buildings, residents' perceptions of home and the broader implications for the social sustainability of cities and will further current academic debates on these issues. It will open new opportunities for inter-disciplinary and international collaboration and provide evidence to inform planning and urban development policy nationally and internationally.

PLANNING IN A MARKET ECONOMY: THE CASE OF THE COMPACT CITY

Funded by: Australian Research Council (ARC Discovery)

Chief Investigator: Prof B Randolph

Status: On-going

Australian cities face immense pressure to meet projected housing need. 'Compact city' policies promoting higher density urban renewal within the urban boundary, largely delivered through the private market, are seen as solutions to this problem. Using innovative conceptual and methodological approaches, this project will determine the nature and extent of recent higher density urban renewal in two Australian cities (Sydney

and Perth), explore the motivations of those involved and their understanding of the policy context, and determine the factors inhibiting housing supply in urban renewal target areas. The research will advance planning theory in the management of contemporary urban change and support more informed planning policy in this highly topical policy area.

RESEARCH PROJECTS

RENEWING THE COMPACT CITY: ECONOMICALLY VIABLE AND SOCIALLY SUSTAINABLE APPROACHES TO URBAN REDEVELOPMENT IN A COMPLEX MULTI-STAKEHOLDER ENVIRONMENT

Funded by: Australian Research Council (ARC), ACCAL, NSW Fair Trading, Owners Corporation Network of Australia Ltd, NSW Strata Community Australia and UrbanGrowth NSW.

Chief Investigator: Prof Bill Randolph

Status: On-going

This research project is investigating a key challenge facing city planners in Australia over the next 30 years: how to renew older areas of multi-unit housing, providing not only economically but also socially viable solutions within a market context and enable all players –developers, policymakers and residents – to benefit from the coming city redevelopment.

The research has three main aims:

- To identify the location, scale, market value and social profiles of the strata sector in designated urban renewal areas across greater metropolitan Sydney.
- To establish the issues raised by strata renewal: legal, financial and institutional hurdles, market drivers, consumer perspectives and attitudes.
- To assess the process of termination and renewal for socially equitable outcomes

Project Stages and Timeline:

Stage 1: Establishing the market context

- Identify, map and analyse the market profile of strata development across Sydney
- Assess the potential for strata renewal under current market conditions

Stage 2: Establishing the issues

- Key stakeholder interviews
- Community survey

Stage 3: Managing the process

- 3 scenario building workshops: to develop scenarios for fair and sustainable redevelopment of strata schemes
- 6 community workshops: to test scenarios with communities in identified case study areas.

SUPERVISION OF PHD STUDENTS

Samira Abbasalipour

Place making methods of building entrance.

Supervisors: Prof Bruce Judd, Dr Gethin Davison*

Aida Afrooz

The influence of travel mode on the way-finding process: A case study of newcomers in Sydney.

Supervisors: Prof Michael Neuman, Russell Lowe*

David Bennett

Shaping suburbia-towards the suburbs of the future.

Supervisors: Prof Susan Thompson#, Dr Paul Twomey#

Phillippa Carnemolla

Enabling built environments: Home modification as a substitute for community care.

Supervisors: A/Prof Catherine Bridge, A/Prof Oya Demirbilek*

Anumitra Mirti Chand

Hospital facility resilience: Developing an adaptation framework for extreme weather events.

Supervisors: Prof Susan Thompson#, Prof Martin Loosemore#

Jie Chen

The adaptive reuse of waterfront industrial heritage for cultural purpose in China: Chongqing as a specific case.

Supervisors: Prof Bruce Judd, Scott Hawken*

Laura Crommelin (submitted)

Unruly urban brands: How informal image-makers are reshaping post-industrial Detroit and Newcastle.

Supervisors: A/Prof Simon Pinnegar#, Prof Rob Free-stone#

Stephen Davey

Utilising computer game peripherals for a responsive and adaptive bathroom environment to enable autonomous and independent ambient assisted living.

Supervisors: A/Prof Catherine Bridge#, Russell Lowe#

Jonathan Drane

The ranking of dynamic cities through a proliferation model and a demography of building types.

Supervisors: Dr Nancy Marshall, Emeritus Prof Ian Burnley*

Tinalee Gallico

Beyond sustainable development; governance and community for ecologically positive regeneration.

Supervisors: A/Prof Simon Pinnegar, Prof Bill Randolph*

Shane Geha (graduated)

Measuring the interzonal price differential of land under varying land use controls.

Supervisors: Prof Bill Randolph#, Peter Williams#

Tracie Harvison (submitted)

Engaging seniors: Universities and positive ageing.

Supervisors: Prof Bruce Judd, Dr Christine Steinmetz*

Jarra Hicks

Energy cooperatives and low carbon living.

Supervisors: Prof Susan Thompson#, Prof Bronwen Morgan (Faculty of Law)#

Karim Sardar

Study of impact of quantifying co-benefits of low carbon policies on policy decision making.

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#

Lydia Kiroff (submitted)

Spatial aspects of the key determinants for economic growth in the Australasian creative city.

Supervisors: Prof Bill Randolph#, Prof Rob Free-stone#

Yingying Li

Sense of home amongst residents living in rebuilt houses after Wenchuan earthquake in China.

Supervisors: Dr Hazel Easthope#, Dr Cynthia Wang#

Shirley Lithgow

Community engagement in planning.

Supervisors: Prof Jenny Stewart (UNSW Canberra), Prof Susan Thompson*

Aldyfra Lukman

Designing in the dark: Architectural education system that facilitates visually impaired students.

Supervisors: A/Prof Catherine Bridge, Mei-Ying Boon#*

Louise McKenzie

Climate, public space and public health: The influence of heat on public space use and implications for public health.

Supervisors: Prof Susan Thompson#, Dr Robert Samuels#

Matt McLaren

Picking up the pieces: Strategic management for disaster recovery.

Supervisors: Prof Michael Neuman, Prof Ed Blakely*

Sara Mehryar

Re-appropriation of public spaces in Isfahan, Iran.

Supervisors: Prof Bruce Judd, Dr Gethin Davison#*

#Joint supervisor
*Co-Supervisor

MENTORING AND TEACHING

Alicia Mintzes

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

Supervisors: A/Prof Catherine Bridge#, A/Prof Oya Demirbilek#

Ryan van den Nouweland

Place management and conflict mediation in mixed-use neighbourhoods: the case of King's Cross Sydney.

Supervisors: Prof Bill Randolph*, Dr Gethin Davison#, Dr Christine Steinmetz#

Parisa Paksad

Green infrastructure and the built environment.

Supervisors: Prof Michael Neuman, A/Prof Linda Corkery*

Bernadette Pinnell (submitted)

Housing: Impact of regeneration of public housing.

Supervisors: Prof Bill Randolph, A/Prof Simon Pinnegar*

Nicola Pullan

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

Supervisors: Prof Rob Freestone, A/Prof Simon Pinnegar*

Homa Rahmat

Temporary urbanism in a network society: A study of spontaneous production of urban spaces applying social media.

Supervisors: Prof Bruce Judd, Dr Hank Haeusler*

Gary Shiels

Planning for ageing: A healthy lifestyle and built environment.

Supervisors: Prof Susan Thompson#, A/Prof Catherine Bridge#

Bo Song

The evolution of urban systems and the response of urban governance in the era of past world economic crisis: The Yangtze River Delta as case study.

Supervisors: Prof Bill Randolph, Dr Christine Steinmetz*

Peter Sweatman

Evidence based bathroom product design: Creative liveable bathroom environments for older people.

Supervisors: A/Prof Catherine Bridge, Oya Demirbilek*

Andrew Tice

The role of low value markets in the metropolitan housing system.

Supervisors: Prof Bill Randolph*, A/Prof Simon Pinnegar

Timothy Tompson

Translations of a smarter city.

Supervisors: Prof Susan Thompson#, Dr Matthias Haeusler#

Anjalika Wijesurendra

At home in the community: New directions in the design of aged care facilities.

Supervisors: Prof Bill Randolph*, Prof Bruce Judd

SUPERVISION OF MASTERS BY RESEARCH STUDENTS

Jennifer Fishpool

Home visiting follow-up of home maintenance and modification services.

Supervisor: A/Prof Catherine Bridge

Fanqi Liu

Urban food system and sustainable urban form.

Supervisors: A/Prof Linda Corkery, Dr Ilan Wiesel*

Sarath Mataraarachchi

Urban form and sustainable urban development: The impact of the proposed Krrish Square project on the urban form of Colombo, Sri Lanka.

Supervisor: Prof Michael Neuman

SUPERVISION OF MASTER OF PHILOSOPHY (MPHIL) STUDENTS

Alec Gelgota

Physical transformations and socio-spatial constructs of the sharing economy (collaborative consumption).

Supervisors: Prof Michael Neuman, Dr Hazel Easthope*

Laura Schmahmann

Industry clusters and knowledge spillovers.

Supervisors: Prof Bill Randolph, Dr Marcus Spiller*

Elaine Tan

Evaluating the effectiveness of falls prevention programs amongst the elderly living at home.

Supervisors: A/Prof Catherine Bridge, Prof Susan Thompson*

Sian Thompson

Weak ties in high density residential areas.

Supervisors: Dr Hazel Easthope#, Dr Gethin Davison#

Clinton Yabuka

Retrofitting residential strata.

Supervisors: Dr Hazel Easthope#, Jinu Kim#, Prof Alec Tzannes*

SUPERVISION OF BACHELOR OF PLANNING (BPLAN) STUDENTS

Nabil Alaeddine

Building with heritage: The role of heritage buildings in the urban renewal process.

Supervisor: Dr Laurence Troy

Timothy Chee

A view to kill: Valuing views in residential development.

Supervisor: Prof Michael Neuman

Mitchell Davies

Planning for prevention: The planner's role in promoting exercise.

Supervisor: Prof Susan Thompson

Chia Huay Tai

Crime Prevention Through Environmental Design (CPTED): A study in Sydney.

Supervisor: Emeritus Prof Ian Burnley

Yuning Jia

High Density Living in Sydney

Supervisor: Dr Ilan Wiesel

Alexandra Marks

Off the Leash: Is there sufficient space for dogs in the City of Sydney LGA.

Supervisor: Prof Susan Thompson

Michael Oliver

Decentralised energy development In Sydney.

Supervisor: Prof Michael Neuman

Ellie-Mae Simpson

Internal Tug-of war: Conflicting place identities and attachments to home as a result of rural youth out-migration to the University of New South Wales.

Supervisor: Dr Hazel Easthope

SUPERVISION OF MASTER OF PLANNING (MPLAN) STUDENTS

Wilbur Boykin

The local economic impact of 15-minutes free parking

Supervisor: Dr Ilan Wiesel

Mark Crispin

Mapping Active Travel to School.

Supervisor: Dr Laurence Troy

Felicity Eberhart

Living with your granny.

Supervisor: Dr Edgar Liu

Aaron Gray

Common Open Space in Apartment Complexes in Sydney.

Supervisor: Dr Hazel Easthope

Meijuan Hou

Residents' Perceptions of High Density Housing Development.

Supervisor: Dr Hazel Easthope

Caroline Howard

An investigation into the transport dilemmas for UNSW students and how they affect their transport choices.

Supervisor: Dr Laurence Troy

Luke Johnson

The impact of tenure mixing on public housing residents

Supervisor: Dr Ilan Wiesel

Elise Leeder

Does recreational infrastructure physical activity?

Supervisor: Prof Susan Thompson

Hayley Marks

An investigation into public transport infrastructure planning in the Northern Beaches of Sydney.

Supervisor: Dr Laurence Troy

Jia Meng

The Affordability of Aged Care.

Supervisor: Dr Ilan Wiesel

Bo Pang

Dance Lessons from China: Bringing Daily Dance Activities to Sydney's Open Spaces.

Supervisor: Prof Susan Thompson

Jarrad Sheather

Better Connected: An analysis of wireless telecommunications infrastructure development in NSW.

Supervisor: Dr Edgar Liu

Lewis Westhoff

From Beer Barns to Small Bars: Examining the economic and social benefits of cultural venues and cultural planning policy in the Wollongong City Centre

Supervisor: Dr Hazel Easthope

#Joint supervisor

*Co-Supervisor

MENTORING AND TEACHING

TEACHING

A/Prof Catherine Bridge

- ARCH1394: Honours Studio
- ARCH 711/12, Session 2 2014
- BENV1384: Design Research Methods
- BENV7020: Research Design Seminar
- IDES2161 - Industrial Design Studio 2A

Laura Crommelin

- BEIL 6000: Contemporary Issues in Urbanism#

A/Prof Vivienne Milligan

- PLAN7156: Housing Policy and Finance*

Emily Mitchell

- BENV7712: Healthy Built Environments*

Prof Michael Neuman

- BENV7732: Sustainable Infrastructure
- BENV7020: Research Design Seminar
- SUSD0001: Sustainable Development and the Urban Environment
- UDES0004: History and Theory of Urban Design
- Leader of two Sustainable Urban Design Workshops in Tehran and Isfahan, Iran
- University of Amsterdam, Technical University Delft, and University of Groningen, the Netherlands*
- University of Shiraz and University of Mashhad, Iran; Masdar Institute, Abu Dhabi, United Arab Emirates*
- Visiting Professor: University of Malaya, Kuala Lumpur

Dr Gregory Paine

- BENV2949: Healthy Planning*
- BENV7712: Healthy Built Environments*

Prof Hal Pawson

- PLAN7156: Housing Policy and Finance

Dr Joanne Quinn

- ARCH7112: Design Studio 2*
- IDES4101 Design Studio 7: Enquiry: Research Supervision and Marking

Dr Araz Taeihagh

- SUSD0001: Sustainable Development and the Urban Environment*
- BENV7020: Research Seminar*
- BENV7732: Sustainable Infrastructure and Transportation
- PLAN7122: Planning Project
- SUSD0001: Sustainable Urbanism*

Prof Susan Thompson

- BENV2949: Healthy Planning
- BENV7712: Healthy Built Environments
- HESC3504: Physical Activity and Health*
- PHCM9612: Environmental Health*
- PLAN1241: Planning Theory and Practice*
- PLAN4132: Thesis Project: Thesis supervision and marking
- SUD0004: Sustainability and Habitability*

* Guest lecturer

Co-Lecturer

BOOK

1. Davy, L., Adams, T., & Bridge, C. (2014). *Caring for the Carer: Home design and modification for carers of young people with disability*. Home Modification Information Clearinghouse.

BOOK CHAPTERS

1. Freestone, R., & Wiesel, I. (2014). The rise of the airport property market in Australia. In S. Conventz & A. Thierstein (Eds.), *In Airports, Cities and Regions*: Routledge.
2. Legacy, C., Pinnegar, S., Tice, A., & Wiesel, I. (2014). Beyond the Boundaries of Strategic Interest. In W. Steele, T. Alizadeh, L. Eslami-Andargoli, & S. Serrao-Neumann (Eds.), *Planning Across Borders in a Climate of Change* (pp. 232). London: Routledge.
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4. Randolph, B., & Easthope, H. (2014). The Rise of Mi-cro-government: Strata Title, Reluctant Democrats and the New Urban Vertical Polity. In B. Gleeson & B. Beza (Eds.), *The Public City: Essays in Honour of Paul Mees* (pp. 210-224). Carlton, Victoria: Melbourne University Press.
5. Troy, P. (2014). Urban Public Transport: A study in Commonwealth-State relations. In B. Gleeson & B. Beza (Eds.), *The Public City: Essays in Honour of Paul Mees*. Melbourne, Australia: University of Melbourne Press.

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2. Burnley, I. (2014). Developments and Complementarities in International Migration Paradigms. *Journal of International Migration and Integration*.
3. Easthope, H. (2014). Making a Rental Property Home. *Housing Studies*, 29(5), 579-596.

4. Easthope, H. (2014). The role of retirees in residential private governments. *Journal of Urban Affairs*.
5. Easthope, H., Warnken, J., Sherry, C., Coiacetto, E., Dredge, D., Guilding, C., Johnston, N., Lamminmaki, D., Reid, S. (2014). How property title impacts urban consolidation: a lifecycle examination of multi-title developments. *Urban Policy and Research*.
6. Fitzpatrick, S., & Pawson, H. (2014). Ending security of tenure for social renters: Transitioning to 'ambulance service' social housing? *Housing Studies*, 29(5), 597-615.
7. Freestone, R., & Wiesel, I. (2014). The Making of an Australian 'Airport City'. *Geographical Research*, 52(3), 280-295.
8. Hulse, K., & Milligan, V. (2014). Secure Occupancy: a new framework for analysing security in rental housing. *Housing Studies*.
9. Kent, J. L., & Thompson, S. (2014). The Three Domains of Urban Planning for Health and Well-Being. *Journal of Planning Literature*, 29(3), 239-256.
10. Kim, H. Y., Wunneburger, D., Neuman, M., & Ahn, S. Y. (2014). Optimizing High-Speed Rail Routes using a Spatial Decision Support System (SDSS): The Texas Urban Triangle (TUT) Case. *Journal of Transport Geography*, 34, 194-201.
11. Legacy, C., Curtis, C., & Neuman, M. (2014). Adapting the Deliberative Democracy 'template' for Planning Practice. *Town Planning Review*, 85(3).
12. Neuman, M. (2014). The Long Emergence of the Infrastructure Emergency. *Town Planning Review*, 85(3).
13. Neuman, M. (2014). Measuring Sustainability. *Town Planning Review*, 85(6).
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15. Randolph, B., & Tice, A. (2014). Suburbanizing Disadvantage in Australian Cities: Sociospatial change in an era of neoliberalism. *Journal of Urban Affairs*, 36(S1).

16. Taeihagh, A., Bañares-Alcántara, R., & Givoni, M. (2014). A virtual environment for the formulation of policy packages. *Transportation Research Part A: Policy and Practice*, 60, 53-68.
17. Thompson, S. & Kent, J.L. (2014). Healthy Built Environments Supporting Everyday Occupations: Current Thinking in Urban Planning. *Journal of Occupational Science*, 21(1), 25-41.
18. Troy, L. (2014). (Re)Producing Nature in Pymont and Ultimo. *Geographical Research*, 52(4), 387-399.
19. Troy, L., & Iveson, K. (2014). A community-led critique of accessibility of Sydney's public transportation network. *Environment and Planning A*, 46(10), 2273-2275.
20. van den Nouwelant, R., Davison, G., Pinnegar, S., Randolph, B., & Gurran, N. (2014). Delivering affordable housing through the planning system in urban renewal contexts: converging government roles in Queensland, South Australia and New South Wales. *Australian Planner*.
21. Wiesel, I. (2014). Mobilities of disadvantage: The housing pathways of low-income Australians. *Urban Studies*, 51(2), 319-334.
22. Wiesel, I., & Bigby, C. (2014). Being recognised and becoming known: encounters between people with and without intellectual disability in the public realm. *Environment and Planning A*. 46, 1754-1769.

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1. Cheshire, L., Pawson, H., Easthope, H., & Stone, W. (2014). *Living with Place Disadvantage: community, practice and policy* (AHURI Final Report No. 228). Australian Housing and Urban Research Institute, Melbourne, Australia.
2. Hulse, K., Pawson, H., Reynolds, M., & Herath, S. (2014). *Disadvantaged Places in Urban Australia: Analysing socio-economic diversity and housing market performance* (AHURI Final Report No 225). Australian Housing and Urban Research Institute.
3. Judd, B., Liu, E., Easthope, H., Davy, L., & Bridge, C. (2014). Downsizing Amongst Older Australians. *AHURI Final Report no. 214*.

4. Lawson, J., Berry, M., Hamilton, C., & Pawson, H. (2014). Enhancing Affordable Rental Housing Investment via an Intermediary and Guarantee. *AHURI Final Report No. 220*.
5. Pawson, H., Milligan, V., Phibbs, P., & Rowley, S. (2014). Assessing management costs and tenant outcomes in social housing: developing a framework. *AHURI positioning paper no. 160*. AHURI, Melbourne.
6. Wiesel, I., Pawson, H., Stone, W., Herath, S., & McNellis, S. (2014). *Social Housing Exits: Incidence, motivations and consequences* (AHURI Final Report No. 229). AHURI, Melbourne.

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1. Afroz, A., White, D., & Neuman, M. (2014). *Which visual cues are important in way-finding? Measuring the influence of travel mode on visual memory for built environments*. Paper presented at the International Conference on Universal Design UD2014, Lund, Sweden.
2. Bridge, C., McNamara, N., & Zmudzki, F. (2014). *DIY home modifications: Is there a connection to wellbeing and if so how might we demonstrate value?* Paper presented at the European Network for Housing Research (ENHR), Edinburgh, Scotland, 1-4 July.
3. Carnemolla, P. K., & Bridge, C. (2014). *How Home Modifications Support Ageing Well at Home: Towards a Lasting Housing Legacy*. Paper presented at the The 5th International Conference for Universal Design in Fukushima & Tokyo, Tokyo, Japan.
4. Carnemolla, P. K., & Bridge, C. (2014). *The potential of a home modification strategy – a universal design approach to existing housing*. Paper presented at the UD2014 Universal Design Conference, Lund, Sweden.
5. Judd, B., Liu, E. Y., Easthope, H., & Bridge, C. (2014). *Downsizers and Other Movers: A Comparison of Housing Choices and Outcomes in Later Life*. Paper presented at the European Network of Housing Researchers Conference, Edinburgh.

PUBLICATIONS

6. Judd, B., Liu, E. Y., Easthope, H., & Bridge, C. (2014). *Downsizers and Other Movers: The Housing Options, Choices and Dilemmas of Older Australians*. Paper presented at the International Conference on Universal Design, Lund.
 7. Lukman, A., Bridge, C. E., Dain, S., & Boon, M. (2014). *Developing Perception-Based Criteria of Inclusive (Architectural) Design*. Paper presented at the Universal Design 2014: Three Days of Creativity and Diversity, Lund.
 8. McNamara, N. K., Bridge, C., & Bleasdale, M. (2014). *DIY Home Modifications: an Australian case-study of choice and control*. Paper presented at the Universal Design Conference, Lund, Sweden.
 9. Prpic, J., Taeihagh, A., & Melton, J. (2014). *Crowdsourcing the Policy Cycle*. Paper presented at the Collective Intelligence 2014, MIT Center for Collective Intelligence.
 10. Prpic, J., Taeihagh, A., & Melton, J. (2014). *Experiments on Crowdsourcing Policy Assessment*. Oxford Internet Institute, University of Oxford.
 11. Prpic, J., Taeihagh, A., & Melton, J. (2014). *A Framework for Policy Crowdsourcing*. Oxford Internet Institute, University of Oxford.
 12. Taeihagh, A., & Banaras-Alcantara, R. (2014). *Towards Proactive and Flexible Agent-Based Generation of Policy Packages for Active Transportation*. Paper presented at the 47th Hawaii International Conference on System Sciences (HICSS), Washington, DC, USA.
 13. Thome, J., Li, A., Sivaraman, V., & Bridge, C. (2014). *Mobile crowdsourcing older people's opinions to enhance liveability in regional city centres*. Paper presented at the IEEE 9th International Conference on Intelligent Sensors, Sensor Networks and Information Processing.
- OTHER RESEARCH REPORTS
1. Bleasdale, M., Bridge, C., McNamara, N., & Zmudzki, F. (2014). Positioning Paper: DIY Home Modifications: Point-of-Sale Support for People with Disability and their Carers. Home Modification Information Clearinghouse, Sydney.
2. Easthope, H., McNamara, N., & Thompson, S. (2014). Green Square Community Survey 2014: Final Report. Sydney: City Futures Research Centre.
 3. Pawson, H. (2014). Public and Affordable Housing and the Legislative Assembly Public Accounts Committee Inquiry into Tenancy Management in Social Housing. City Futures Research Centre UNSW Sydney.
 4. Quinn, J., & Bridge, C. (2014). Summary Bulletin: Electrical Safety in Bathrooms 2nd ed. Sydney: Home Modification Information Clearinghouse. UNSW Australia.
- CONFERENCE/SEMINAR PRESENTATIONS
1. Bridge, C. (2014). Repurposing existing buildings from an inclusive design/ end-user perspective *Akolade's 2nd Annual Managing Design for Success Forum*. Australia, May 8.
 2. Bridge, C. (2014). Resilience and Ageing: Experiences *Resilient Communities Summit*. Blenheim, N.Z., 29 September.
 3. Bridge, C., McNamara, N. K., & Zmudzki, F. (2014). DIY Home Modifications: Is there a connection to wellbeing and if so how might we demonstrate value? In C. Bridge (Ed.), *ENHR*. Edinburgh, 1-4 July.
 4. Bridge, C., & Sivaramen, V. (2014). Walk21 - The Liveability Project - Crown Street, Surry Hills *Walk21 - International Conference on Walking and Liveable Communities*. Luna Park, Sydney, Australia, 21-23 October.
 5. Bridge, C., Sivaramen, V., & Thorne, J. (2014). The Liveability Project - Mobile crowdsourcing older persons opinions on town pavements *Walk 21 - Speed Dating Under the Big Top*. Luna Park, Sydney, 21-23 October.
 6. Easthope, E. (2014). Cooperation and control at home *Place and Placelessness in the 21st Century City*. UNSW City Campus, 4 September.
 7. Easthope, H. (2014). Development, Operation & renewal: What makes strata properties unique? *Australian College of Community Association Lawyers Conference*. Queenstown New Zealand, 19-21 March.
 8. Easthope, H. (2014). Tensions Between Individual Desires and Collective Responsibility: Ownership, control and sense of home in condominiums *European Network of Housing Researchers Conference*. Edinburgh, 1-4 July.
 9. Easthope, H., Liu, E. Y., Burnley, I., & Judd, B. (2014). Changing perceptions of family: A study of multigenerational households in Australia *The Australian Sociological Association Conference*. Adelaide, South Australia.
 10. Easthope, H., Liu, E. Y., Judd, B., & Burnley, I. (2014). Feeling at Home in a Multigenerational Household: The Importance of Control *European Network of Housing Researchers Conference*. Edinburgh.
 11. Freestone, R., & Wiesel, I. (2014). From placelessness to placefulness: Placemaking in the rise of the airport city *Place and Placelessness in the 21st Century City*. UNSW City Campus, 4 September.
 12. Herath, S. (2014). Identifying urban planning priorities through a spatial hedonic house price model *43rd Annual Conference of the Regional Science Association International - British and Irish Section*. Aberystwyth, Wales, 19-21 August
 13. Horvath, R., & Troy, L. J. (2014). Determinants of walking in Sydney *Walk 21 Sydney - International Conference on Walkable and Liveable Communities*. Luna Park, Sydney, Australia, 21-23 October.
 14. Judd, B. (2014). The Ageing City: Are we Prepared? *Utzon Lectures*. Ritchie Theatre, Scientia Building, UNSW Kensington, 9 April.
 15. Judd, B. (2014). Downsizing *CEHL Community Housing Seminar*. Community Housing providers in Victoria, Melbourne, May 19.
 16. Judd, B. (2014). Downsizing *CEHL Community Housing Seminar*. CEHL Property Development Strategy Working Group, Melbourne, 19 May.
 17. Judd, B. (2014). Downsizing *CEHL Community Housing Seminar*. CEHL staff, Melbourne, May 19.
 18. Judd, B., Liu, E., & Easthope, H. B., C. (2014). Downsizing, Relocating or Staying Put? Housing options, choices and outcomes for older Australians *International Federation of Ageing Conference*. Hyderabad, 10-13 June.
 19. Judd, B., Liu, E. Y., Easthope, H., & Bridge, C. (2014). Downsizers and Other Movers: A Comparison of Housing Choices and Outcomes in Later Life *European Network of Housing Researchers Conference*. Edinburgh.
 20. Liu, E. (2014). Placelessness and the rigid perceptions of place identities *Place and Placelessness in the 21st Century City*. UNSW City Campus, 4 September.
 21. Liu, E., & Easthope, H. (2014). Companionship, familial relationships and individuality: Sense of (be) longing in multigenerational households *Local Belonging*. The Bartlett, University College London, England, 17 July.
 22. Liu, E. Y., Easthope, H., Burnley, I., & Judd, B. (2014). Negotiating multigenerational bonds: Financial and non-financial outcomes of living in multigenerational households in Australia *The Australian Sociological Association Conference*. Adelaide, South Australia, November 25.
 23. Milligan, V. (2014). Views of Australia's leading community housing organisations *AHURI Housing Research Seminar Series: The affordable housing industry: maximising opportunities*. Sydney, May 13.
 24. Mitchell, E. & Thompson, S. (2014). Planning and Building Healthy Communities: Exploring the Relationship between the Built Environment and Walking *Walk21 Conference* Sydney. 21-23 October
 25. Neuman, M. (2014). Sustainable Cities, Sustainable Processes *Searching for the Future City conference*. Tehran, Iran, April.
 26. Neuman, M. (2014). Sustainable Processes. Universities of Shiraz, Isfahan and Mashhad, Iran, April.
 27. Pawson, H. (2014). Dissecting and tracking socio-spatial disadvantage in urban Australia *ENHR*. Edinburgh, 1-4 July.

28. Pawson, H. (2014). Living with disadvantage: residents' circumstances, experiences and opinions *AHURI event, Sydney - Providing affordable housing and tackling disadvantage* Novotel Sydney Central, 14 Oct.
29. Pawson, H., & Milligan, V. (2014). Developing measures of cost-effectiveness and tenant outcomes in social housing *PowerHousing Australia seminar*. Sydney, 21 March 2014.
30. Pawson, H., & Wiesel, I. (2014). A right to choice? Tenant agency in Australia's public housing transfers *Housing Studies Association conference*, York, 15-17 April 2014.
31. Thompson, S. (2014). Environments to support healthy eating and active living – food security and land use NSW Health: Healthy Eating and Active Living Annual Network Forum. 28 February.
32. Thompson, S. (2014). Shaping the Future City - The Healthy City U21 Summer School UNSW, Sydney. 10 July.
33. Thompson, S. (2014). Creating Healthy Cities - An exemplar integrated and strategic partnership: the Healthy Built Environments Program 7th Urban Design Conference, Adelaide. 1-3 September.
34. Thompson, S. (2014). Healthy Cities – Principles and Overview Healthy Cities Seminar for SCP, Suzhou, People's Republic of China. 9-10 September.
35. Thompson, S. (2014). Healthy Planning – making connections from evidence to practice Walk21 Conference. 21-23 October.
36. Thompson, S. & Mitchell, E. (2014). Denser and Healthy Cities: Exploring the Complexities of Redeveloping Sydney's Inner West for Health and Well-being Walkshop Walk21 Conference. 21-23 October.
37. Thompson, S. (2014). Implementing Healthy Planning: The Healthy Built Environments Program Co-Production of Knowledge for Global Health Challenges - Lestari Executive Workshop Series III, KL Malaysia. 29-30 October.
38. Thompson, S. (2014). Celebrating HBEP. HBEP Celebration Forum. 19 November
39. Wiesel, I. (2014). Accommodating the NDIS *Innovative Financing and Growth of Affordable Housing for People with Disability Symposium*. Canberra, 24 July.
40. Wiesel, I. (2014). Exiting social housing *UWS Urban Research Centre Seminar Series*. 2 April.
41. Wiesel, I. (2014). Panel Member: Implications of the NDIS for housing and social service reform *Australian Conference of Economists*. Hobart, 4th July.
42. Wiesel, I. (2014). Residential mobility and urban polarisation in Australian cities *Griffith University Urban Research Program Nathan Seminar Series*. Brisbane, 25 May - 25 May.
43. Wiesel, I., & Bigby, C. (2014). Encounter as a dimension of social inclusion for people with intellectual disability *Institute of Australian Geographers Annual Meeting*. Melbourne, 30 June-02 July.
5. Liu, E., & Easthope, E. (2014). *Companionship, familial relationships and individuality: Sense of (be) longing in multigenerational households*. Paper presented at the Seminar on Local Belonging, University College London, 17 July.
6. Milligan, V., & K, H. (2014). *Social enterprise and hybridity in the face of recent change: the case of third sector housing organisations in Australia*. Paper presented at the 12th Biennial Australasian Third Sector Researchers Conference, Christchurch, 16-18 November.
7. Mullins, D., Milligan, V., & Nieboer, N. (2014). *Between State and Market – The Relationship between Non-Profit Housing Organisations and the State in Three National Contexts*. Paper presented at the XV111 ISA World Congress of Sociology, Yokohama, Japan.
8. Thompson, S. (2014). You Are Where you Live: Health, wealth and the built environment *The Conversation*. 12 March.
9. Thompson, S. & McCue, P. (2014). Healthy Built Environments - Making our Towns and Cities Walkable *New Planner* (pp. 29-30). March.
10. Thompson, S., & McCue, P. (2014). Healthy Built Environments - Looking Forward to the Healthy City New Planner (p. 37). September.
11. Thompson, S., & McCue, P. (2014). Healthy Built Environments - Let's Get Walking: The Legacy of Sydney's Walk21 Conference *New Planner* (p. 27). December.
12. Thompson, S., & Paine, G. (2014). Precincts and our Health The Fifth Estate's Creating Sustainable Precincts (pp. 102-104). December.
13. Wiesel, I. (2014). Housing and the NDIS: the elephant in the room *Around the house* (Vol. 96, pp. 1-3).
14. Wiesel, I., & Fisher, K. (2014). Housing choices and transitions under the NDIS *Parity* (Vol. 27, pp. 15).

OTHER CONFERENCE PAPERS

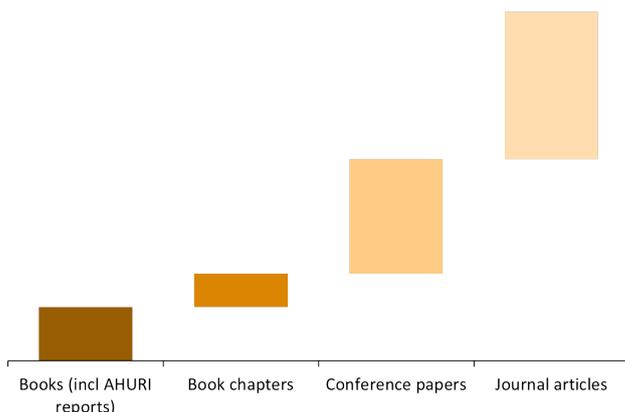
OTHER PUBLICATIONS

1. Carnemolla, P., & Bridge, C. (2014). Gardening at Home *Summary Bulletin* (2 ed.). Sydney: Home Modification Information Clearinghouse, University of New South Wales Australia.
2. Hulse, K., & Milligan, V. (2014). Improving Secure Occupancy in Rental Housing *HousingWORKS* (Vol. 10, pp. 38-40).
3. Judd, B., & Bridge, C. (2014). *We shall not be moved Uniken* (Vol. April).
4. McCue, P., & Thompson, S. M. (2014). Healthy Built Environments - Designing Urban Activation Centres for Healthy Communities *New Planner* (Vol. 26). June.
5. McNamara, N. K., Adams, T., Bridge, C., Carnemolla, P., & Quinn, J. (2014). Consumer Factsheet: Arranging Home Modifications. Sydney, University of New South Wales: Home Modification Information Clearinghouse.
6. Thompson, S., & Mitchell, E. (2014). Healthy Built Environments: A growing role for developers *EnviroDevelopment Professional*. April.
7. Thompson, S. (2014). Creating Healthy Built Environments *Inner Sydney Voice, Winter* (pp. 14-17).

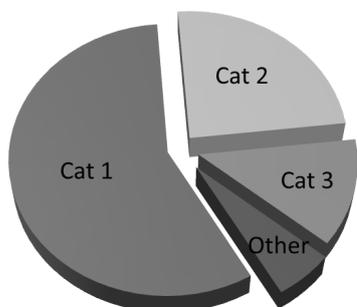
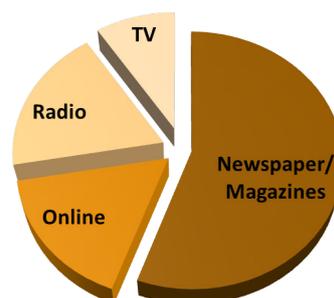
2014 KEY PERFORMANCE INDICATORS

Measure	Target	Result
Project income	\$2.00m	\$2.48m
Total projects completed	12	10
No of publications eligible for HERDC	50	46
No of collaboration/partner based projects	15	11
No of media references	60	54
No of Australasian seminar/conference presentations	30	18
No of International seminar/conference presentations	15	28
No of community/practice/policy presentations	30	13
Post-graduate completions (cumulative)	13	11
Post-graduate students (actual)	23	34
Active associate Faculty staff	15	5

Publications eligible for HERDC



Media reference by channel



City Futures' main source of external funding is Category 1 (57%) and Category 2 (24%) grants, largely provided by the Australian Research Council (ARC), the Australian Housing and Urban Research Institute (AHURI) and the NSW State Government through the Department of Health and Family & Community Services.

2014 KEY PERFORMANCE INDICATORS

City Futures Research Centre's website is monitored through Google Analytics*

- Total page views: 43,369
- Unique page views: 31,794
- Unique Visitors: 9,715

Top 10 visiting countries/territories:

1. Australia
2. United States
3. United Kingdom
4. India
5. China
6. Canada
7. Malaysia
8. New Zealand
9. Indonesia
10. Iran



* This information does not include traffic in staff contact pages.

FINANCIAL STATEMENT

UNSW reporting requirements have changed from a cash basis to an accrual basis. The new Statement of Financial Performance takes this change into account and it was used for the below report.

	2014 (\$)	2013 (\$)	
REVENUE			
Research Revenue	2,484,647	2,155,562	
UNSW Contribution	634,796	626,910	NOTE 1
Faculty Contribution	39,715	48,738	NOTE 2
Other Research Revenue	19,958	(18,698)	NOTE 3
Total Revenue	3,179,116	2,812,511	
EXPENSE			
People Cost	1,736,516	1,866,355	
Scholarships stipened	104,347	108,999	
Contract & Consulting services	254,791	372,280	
Repairs and Maintenance	-	118	
Consumables	19,534	30,018	
Travel	81,963	123,330	
Equipment non capitalised	18,893	14,140	
Entertainment	1,192	588	
Marketing	68,459	73,916	
Miscellaneous expenses	283,950	349,456	NOTE 4
Total Expense	2,569,644	2,939,200	
Depreciation	22,109	358	
SURPLUS / (DEFICIT) AFTER DEPRECIATION	587,363	(127,047)	
Cash Flow Capex	315,589	61,144	
CASH AT YEAR END	1,518,590	1,043,792	

NOTE 1: Includes \$225,000 from MREII account.

NOTE 2: Does not include \$394,772 PC paid from Faculty operating fund.

NOTE 3: Excludes the transference of surplus funds that is not required to be returned to the Sponsors.

NOTE 4: Excludes internal Centre transferences.

NEW GRANTS AWARDED

City Futures Research Centre was successful in securing additional grant funding in 2014.

The grants below were awarded to City Futures Research Centre, or included the Centre's participation, and commenced in 2014:

AHURI

Accommodating the NDIS: Maximising Housing Choice in a Reformed Disability Sector

Total amount awarded: \$166,456

Housing affordability, central city economic productivity and the lower income labour market

Total amount awarded: \$211,394

Implementation of the new Policy Development Research Model

Total amount awarded: \$9,091

Individualised forms of welfare provision and reform of Australia's housing assistance system (Led by University of Tasmania)

Total amount awarded: \$2,740

NDIS, housing assistance and choice and control for people with disability

Total amount awarded: \$34,726

Rooming house futures: governing for growth, fairness and transparency

Total amount awarded: \$14,761

ARC (and Partners on Linkage projects)

City Living: Urban consolidation and the social sustainability of cities

Total amount awarded: \$ 681,208

Stuck here forever? The dynamics and social consequences of long-term private renting in Australia

Total amount awarded: \$ 93,000

Urban inequality: The initiation and preservation of spatial privilege in Australia's elite suburbs

Total amount awarded: \$ 392,371

OTHER

Building criteria, vision and luminance contrast

Total amount awarded: \$5,000

Crown street liveability project

Total amount awarded: \$9,091

Green Square community survey

Total amount awarded: \$35,904

Longitudinal evaluation of Riverwood North Regeneration Project

Total amount awarded: \$233,384

Novel pressure sensing surface system

Total amount awarded: \$225,000

Systematic review of home modification evidence base

Total amount awarded: \$12,500

ACKNOWLEDGEMENTS

City Futures Research Centre would like to thank all our partners for their support and those who made this Annual Report possible.



Built Environment



Australian Government
Department of Health and Ageing



CONTACT DETAILS

The logo for the City Futures Research Centre consists of three colored squares: a large yellow square on the left containing the text '* CITYFUTURES', a smaller light green square in the top right, and a smaller orange square in the bottom right.

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