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ABOUT CITY FUTURES

City Futures is officially ranked Australia’s leading urban policy research centre. Led by Professor Bill Randolphp 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.

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.
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.

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.
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 Council 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.

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.

Program Leader:
Prof Bill Randolph

Major Funding:
- ARC
- Australian Urban Research Infrastructure Network

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.

Program Leader:
A/Prof Simon Pinnegar

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

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 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.

Program Leader:
Prof Hal Pawson

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.

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**Program Leader:**

- A/Prof Catherine Bridge
- Prof Michael Neuman
- Prof Susan Thompson

**Major Funding:**

- NSW Home and Community Care
- Council of the Ageing NSW
- ARC
- Caroma Dorf
- CRC for Low Carbon Living
- NSW Department of Health
- ARC
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.
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.
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
OUR PEOPLE

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 Svengler, 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 Gurran, University of Sydney
Prof Kath Hulse, Swinburne University
Prof Keith Jacobs, University of Tasmania
Nicola 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 Parids, 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 Colacetto, 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 Klarenar, 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

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

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

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
<table>
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<td>ARC / Partners</td>
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<td>DIY home modifications: point of sale support for people with disability and their carers</td>
<td>ADHC</td>
<td>2013</td>
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<td>NSW HMMSC</td>
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<td>NSW research and workforce development program on healthy built environments</td>
<td>NSW Ministry of Health</td>
<td>2009</td>
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<td>Planning and building healthy communities: a multidisciplinary study of the relationship between the built environment and human health</td>
<td>ARC / Partners</td>
<td>2010</td>
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<td>Urban Planning and High Density Living</td>
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<td>Implementing metro planning strategies: taking into account local level housing demand</td>
<td>ARC / Partners</td>
<td>2010</td>
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<td>City of Sydney Council</td>
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<td>Living together: the rise of multigenerational households in Australian cities</td>
<td>ARC</td>
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<td>City living: urban consolidation and the social sustainability of cities</td>
<td>ARC</td>
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<td>Planning in a Market Economy: The case of the Compact City</td>
<td>ARC</td>
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<td>Renewing the compact city: economically viable and socially sustainable approaches to urban redevelopment in a complex multi-stakeholder environment</td>
<td>ARC / Partners</td>
<td>2014</td>
<td>329,193</td>
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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 at date. It will provide a blueprint for the extension of the model to other Australian urban contexts.

The Hub will develop a database system, maintained by City Futures, that combines online, offline and value-added (including ‘toolbox’) data-sets. 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.
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.
- How policy, practitioners and communities can respond to spatial disadvantage in ‘best for people, best for place’ terms.
- 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.
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 methodological 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.”
The western Sydney suburb of Bonnnyrigger 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 Bonnnyrigger 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 (Bonnnyrigger 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 Bonnnyrigger 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 Bonnnyrigger Residents Panel was established. The Bonnnyrigger Residents Panel is a panel of 100 households who actively engage in research about the changes occurring in Bonnnyrigger over the course of the renewal. Invitation is open to all residents of Bonnnyrigger 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 Bonnnyrigger. Like Newleaf Communities, the Bonnnyrigger 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.
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 Centres. The international comparative component of the research involves research teams in England, the United States and The Netherlands undertaking simultaneous studies.

Funded by: AHURI
Project leader: A/Prof Vivienne Milligan
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-
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 Herriot-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 expenditure 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.
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

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 perceptions, 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.
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 disability 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).
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?
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
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.

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 negotiation 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.
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 moderating 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:

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- Evidence Based Practice Reviews
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- Industry Factsheets and Checklists
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- Block Library
- Case Study Library
- Forums
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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.

Funded by: Australian Research Council (ARC), Caroma Dorf and UNSW
Chief Investigator: A/Prof Catherine Bridge
Status: On-going

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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.

Funded by: Australian Research Council (ARC), Caroma Dorf and UNSW
Chief Investigator: A/Prof Catherine Bridge
Status: On-going

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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 Occupational 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.
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.
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 support 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.
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 revitalising 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.
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 Urban Growth 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.
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 households (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.
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.
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.
MENTORING AND TEACHING

SUPERVISION OF PHD STUDENTS

Samira Abbasaalipour
Place making methods of building entrance.
Supervisors: Prof Bruce Judd, Dr Gethin Davison*

Aida Afroz
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 Cathérine Bridge, A/Prof Oya Demirblek*

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 Freestone#

Stephen Davey
Utilising computer game peripherals for a responsive and adaptive bathroom environment to enable autonomous and independent ambient assisted living.
Supervisors: A/Prof Cathérine 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 Freestone#

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 Nouwelant
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*, Dr Gethin Davison#, Dr Christine Steinmetz#

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#

Anjali 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 Mataaraarachchi
Urban form and sustainable urban development: The impact of the proposed Krish 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
MENTORING AND TEACHING

Chia Huay Tai
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

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

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

SUPervision of Master of Planning (MPlan) Students

Wilbur Boykin
The local economic impact of 15-minutes free parking
Supervisor: Dr Ilan Wiesel

Elise Leeder
Does recreational infrastructure physical activity?
Supervisor: Prof Susan Thompson

#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*

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
- SUSD0004: Sustainability and Habitability*

* Guest lecturer
# Co-Lecturer

BOOK


REFEREED JOURNAL ARTICLES


AHURI REPORTS


REFEREED CONFERENCE PAPERS

### PUBLICATIONS


### OTHER RESEARCH REPORTS


OTHER CONFERENCE PAPERS


OTHER PUBLICATIONS


## 2014 Key Performance Indicators

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<tr>
<td>No of Australasian seminar/conference presentations</td>
<td>30</td>
<td>18</td>
</tr>
<tr>
<td>No of International seminar/conference presentations</td>
<td>15</td>
<td>28</td>
</tr>
<tr>
<td>No of community/practice/policy presentations</td>
<td>30</td>
<td>13</td>
</tr>
<tr>
<td>Post-graduate completions (cumulative)</td>
<td>13</td>
<td>11</td>
</tr>
<tr>
<td>Post-graduate students (actual)</td>
<td>23</td>
<td>34</td>
</tr>
<tr>
<td>Active associate Faculty staff</td>
<td>15</td>
<td>5</td>
</tr>
</tbody>
</table>

### Publications eligible for HERDC

- Books (incl AHURI reports)
- Book chapters
- Conference papers
- Journal articles

### Media reference by channel

- Newspapers/Magazines
- TV
- Radio
- Online

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.
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

57% of the visits to City Futures website received in 2014 were from returning visitors while 43% was from new visitors.

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

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

**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.
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**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total amount awarded:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodating the NDIS: Maximising Housing Choice in a Reformed Disability Sector</td>
<td>$166,456</td>
</tr>
<tr>
<td>Housing affordability, central city economic productivity and the lower income labour market</td>
<td>$211,394</td>
</tr>
<tr>
<td>Implementation of the new Policy Development Research Model</td>
<td>$9,091</td>
</tr>
<tr>
<td>Individualised forms of welfare provision and reform of Australia’s housing assistance system (Led by University of Tasmania)</td>
<td>$2,740</td>
</tr>
<tr>
<td>NDIS, housing assistance and choice and control for people with disability</td>
<td>$34,726</td>
</tr>
<tr>
<td>Rooming house futures: governing for growth, fairness and transparency</td>
<td>$14,761</td>
</tr>
</tbody>
</table>

**ARC (and Partners on Linkage projects)**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total amount awarded:</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Living: Urban consolidation and the social sustainability of cities</td>
<td>$681,208</td>
</tr>
<tr>
<td>Stuck here forever? The dynamics and social consequences of long-term private renting in Australia</td>
<td>$93,000</td>
</tr>
<tr>
<td>Urban inequality: The initiation and preservation of spatial privilege in Australia’s elite suburbs</td>
<td>$392,371</td>
</tr>
</tbody>
</table>

**OTHER**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Total amount awarded:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building criteria, vision and luminance contrast</td>
<td>$5,000</td>
</tr>
<tr>
<td>Crown street liveability project</td>
<td>$9,091</td>
</tr>
<tr>
<td>Green Square community survey</td>
<td>$35,904</td>
</tr>
<tr>
<td>Longitudinal evaluation of Riverwood North Regeneration Project</td>
<td>$233,384</td>
</tr>
<tr>
<td>Novel pressure sensing surface system</td>
<td>$225,000</td>
</tr>
<tr>
<td>Systematic review of home modification evidence base</td>
<td>$12,500</td>
</tr>
</tbody>
</table>
City Futures Research Centre would like to thank all our partners for their support and those who made this Annual Report possible.