



UNSW
AUSTRALIA

CITY FUTURES RESEARCH CENTRE

Annual Report 2013

Never Stand Still

Built Environment

City Futures Research Centre



CITY FUTURES RESEARCH CENTRE ANNUAL REPORT 2013

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ABOUT CITY FUTURES

City Futures is Australia's leading urban policy research centre. Led by Professor Bill Randolph since our 2004 founding, 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, design, development and social policy.

City Futures works closely with the leaders in the field. We collaborate with several other research groups, both at 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.

MISSION

City Futures is dedicated to developing a better understanding of our cities, their people, the policies that manage their growth, the issues they face, and the impacts they make on our society, environment and economy. The Centre's research and scholarship engage with major international debates in the field of cities and their development and seek to influence policy and practice in these areas.

City Futures has a robust track record on external research income. Our 2013 receipts totalled over \$2 million. In the main, this funding is provided by the Australian Research Council, the Australian Housing and Urban Research Institute and the NSW Department of Health. Other project sponsors include state government departments, local councils and private companies.

City Futures has strong scholarship credentials. We have authored over 180 academic publications in the five years to 2013, and Professor Hal Pawson is the Australasian editor of the highly rated international journal *Housing Studies*.

FUNCTION & GOALS

- City Futures is interdisciplinary in outlook and activity and avowedly applied in the focus of its research.
- City Futures contributes to debates in the field through the generation of empirical evidence and development of conceptual frameworks.
- The 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 strongly 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.

DIRECTOR'S REPORT & HIGHLIGHTS



Prof Bill Randolph, Centre Director

Welcome to the City Futures Research Centre's 2013 Annual Report. The year proved to be another notable milestone in the Centre's progress. In 2012, the research centre received a Level 5 rating in the Excellence in Research for Australia assessment - the only planning research centre in Australia to achieve such an accolade. During 2013, the Centre built upon this crucial contribution to the Faculty, with an exceptional year culminating in outstanding Australian Research Council (ARC) and Australian Housing and Urban Research Institute (AHURI) grant successes, of which more will be described later.

THE YEAR SAW A NUMBER OF NOTABLE HIGHLIGHTS:

Grant successes continued into 2013. AHURI grants for Dr Ilan Wiesel and I maintained to the Centre's strong AHURI performance. Eclipsing even this achievement was our unprecedented success, securing ARC funding. The Centre gathered one Future Fellowship (Dr Hazel Easthope), two Discovery Early Career Researcher Awards (DECRA) (Dr Ilan Wiesel and Dr Crystal Legacy), two Discovery Grants (led by Prof Hal Pawson and Prof Bill Randolph) and one Linkage Grant (CIs Randolph, Pinnegar and Easthope). This represents a huge endorsement of the progress the Centre has made since its inception and testifies to the quality and energy of our team.

The Enabling Built Environments Program (EBEP) celebrated 10 years of the Home Modification Information Clearinghouse and launched their new website mid-year, with a special event hosted at Parliament House by the Hon Andrew Constance, the then NSW Minister for Ageing and Disability. This was a notable milestone for Assoc Prof Katy Bridge and her team and represented a suitable event to showcase the achievements of the Clearinghouse over this time.

The continuing transition toward closer engagement with the Faculty saw Prof Hal Pawson, Associate Director for Housing Policy and Practice, head up the new Master of Philosophy in Housing option and also run the first semester of the Housing Policy and Finance elective as part of the new high level Masters of Urban Policy and Strategy within the newly launched Australian Graduate School of Urbanism at UNSW BE.

International duties called Prof Michael Neuman, Assoc Director for the Sustainable Urbanism Program, to the University of Malaya as Visiting Professor, as well as to Naples as Mayoral Advisor and Member of the Urban Planning, Territorial Management and Environment Commission, while also taking in lectures in Amsterdam, Delft and Gronigen.

The Healthy Built Environments Program (HBEP), led by Assoc Prof Susan Thompson, was a central player in a strong and concerted campaign to succeed in getting a comprehensive health objective into the NSW Planning Bill 2013. This campaign was based on the compelling research evidence, demonstrating the importance of the built environment in supporting healthy behaviour as part of daily living. This is the first time a health objective has been included

in planning legislation in Australia, and is one of the few international examples.

Another first for the Centre was the notable impact that Assoc Prof Vivienne Milligan had with her AHURI report on institutional investment in rental housing. This report was singled out by the CEO of AHURI, Dr Ian Winter, as being a “..terrific contribution... to national policy development”. The report resulted in a series of high level briefings by Vivienne to central government and other key stakeholders.

Successful PhD completions during 2013 were achieved by Dr Jennifer Kent, Dr Joanne Quinn and Dr Wenji Cai while Nicole McNamara gained her MPhil. Three of these graduates subsequently joined City Futures as Research Associates, Jennifer with HBEP and Joanne and Nicole with EBEP. Wenjie was appointed as a lecturer at Huazhong University of Science and Technology in Wuhan, her home town in China. Congratulations to all of them.

In November the Centre joined colleagues from Sydney University, Macquarie University, UTS and the ANU to co-host the biennial State of Australian Cities Conference at the Shangri-La Hotel in the Rocks, Sydney. Over 350 delegates listened to 190 papers on a full range of urban

research undertaken on Australian cities. Thanks to all who contributed to the organisation of this highly successful conference.

The inaugural three-day State of Australian Cities (SOAC) PhD Symposium was conceived and led by Michael Neuman in conjunction with the SOAC conference in Sydney. It saw the participation of 45 doctoral students and 14 mentors, several of whom are from CFRC.

FOND FAREWELLS

Staffing changes saw our long-standing Deputy Director, Assoc Prof Simon Pinnegar, appointed as Director of the Planning Program at UNSW Built Environment, effective from early 2013. Although this means Simon is no longer sitting with us, he remains closely associated with the Centre and will continue to head our Urban Planning and Policy Program. We wish him well in his new role and acknowledge the huge contribution he has made to the Centre since 2005. We look forward to his continuing involvement, albeit from one floor above us!

In a similar vein, Dr Gethin Davison was also recruited into the Planning Program as a Lecturer in Planning. But again, Gethin remains closely associated with us and will continue to deliver

research through the Centre. Many thanks also to him for a terrific two years with us. Again, we wish him well as he transitions to a teaching role. Both Simon's and Gethin's transitions into Faculty roles reflected a strategic goal of our current three year Business Plan to develop closer ties with the Faculty through teaching engagement.

A third move saw Dr Crystal Legacy join RMIT following her success in the 2012 ARC DECRA round, which she took with her. Again, we wish her all the best in Melbourne and thank her for the similarly terrific input to the Centre over the two years she was with us. We are sure to remain in contact.

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.



Professor Bill Randolph
Director, City Futures Research Centre
June 2014

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 & 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:
Assoc 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 housing affordability, social/non-profit housing, private rental and investment; estate renewal and private finance.

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

Program Leader:
Prof 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.

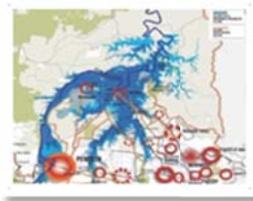
Program Leader:

Assoc Prof Catherine Bridge

Major Funding:

- NSW Home & Community Care
- Council of the Ageing NSW
- ARC
- Caroma Dorf

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.

Program Leader:

Prof Michael Neuman

Major Funding:

- CRC for Low Carbon Living

HEALTHY BUILT ENVIRONMENTS



The program aims to revitalise 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 NSW Health to deliver research, education and workforce development and leadership and advocacy in the area of planning for healthy cities.

Program Leader:

Assoc Prof Susan Thompson

Major Funding:

- NSW Department of Health
- ARC

PROGRAM LEADERS

URBAN ANALYTICS AND CITY DATA



Prof Bill Randolph joined UNSW BE in August 2004 as Professor and Director of the City Futures Research Centre. He is also Deputy Director of the UNSW AHURI Research Centre and leads a research

team specialising in housing policy, urban development and metropolitan planning policy issues.

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

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

URBAN PLANNING & HIGH DENSITY LIVING



Assoc Prof Simon Pinnegar graduated from the University of Oxford in 1992 with First Class Honours in geography, and subsequently completed two Masters degrees and a PhD, the latter from University

College London in 1999. His thesis examined how theoretical concepts of sustainable development became translated and presented through initial development, design and construction of a major visitor attraction created as part of the UK millennium celebrations.

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

HOUSING POLICY AND PRACTICE



Prof Hal Pawson joined UNSW in 2011 as a Professor of Housing Research and Policy, Associate Director of the City Futures Research Centre, and Director of the UNSW AHURI Research Centre. Hal's

key interests include the governance and management of social housing, private rental housing and urban renewal.

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

At UNSW, Hal also contributes to Masters teaching via leadership of the Housing Policy & 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



Assoc Prof Catherine Bridge has an international reputation in the area of research concerning housing, disability, ageing and care. She has been invited to be a judge in the International Design Awards,

and participate in the Commonwealth Governments Building for the Future Consumer information committee, other national and state based Home and Community Care planning, and various international forums and publications. Catherine was part of the AHURI roundtable on housing policy for an older Australia, and was one of the experts on housing solutions for older people at the Productivity Commission roundtable on 'Accommodation and Aged Care'.

Catherine directs the Home Modification Information Clearinghouse, which has been funded continuously since 2002 by the Home and Community Care Program. Catherine also chairs the age-friendly working group for the Council of the Ageing and is a director of the Board of the Independent Living Centre of NSW. She is a Member of the Standards Australia Visitable, Adaptable and Modified Housing Committee and the Australian Network for Universal Housing Design.

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



Assoc Prof Susan Thompson has worked as a planner in Australia for over 30 years. She joined UNSW in 1991 after holding positions in both state and local government. 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 is also Research Leader of the Engaged Communities in Program 3 of the Cooperative Research Centre for Low Carbon Living based at UNSW.

Susan continues to maintain strong links with the profession, 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 honoured to be elected Fellow of the Planning Institute of Australia.

CITY FUTURES RESEARCH CENTRE STEERING COMMITTEE

THE STEERING COMMITTEE ROLE IS TO:

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

STEERING COMMITTEE MEMBERS

Prof Alec Tzannes, Dean, Faculty of the Built Environment (Chair)

Prof Bill Randolph, Director City Futures Research Centre, Associate Dean of Research (until July 2013), Faculty of the Built Environment

Peter McConaghie, General Manager, Faculty of the Built Environment

Toni Hodge, Faculty Research Manager, Faculty of the Built Environment

Prof Robert Freestone, Prof Planning Program, Associate Dean of Research (appointed July 2013) Faculty of the Built Environment.

Three formal Steering Committee Meetings took place in 2013 on 18th March, 7th August and 11th November

2013

| January | February | March | April |
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PROFESSOR

Prof Bruce Judd, Director Australian School of Architecture and Design

ASSOCIATE PROFESSOR

A/Prof Vivienne Milligan

SENIOR RESEARCH FELLOWS

Dr Hazel Easthope

RESEARCH FELLOWS

Dr Gethin Davison (to August)

Dr Ilan Wiesel

RESEARCH ASSOCIATES

Dr Shanaka Herath

Dr Crystal Legacy (to July)

Dr Edgar Liu

Lyndal Millikan (to September)

Joanne Quinn

Dr Araz Taeihagh

SENIOR RESEARCH OFFICERS

Michael Bleasdale (from August)

Dr Jennifer Kent

Andrew Tice[#]

Ryan van den Nouwelant[#]

RESEARCH ASSISTANTS

Toni Adams*

Phillippa Carnemolla[#]

Sarah Judd*

Dr Greg Paine*

Dr Vivian Romero*

Andrew Wheeler*

RESEARCH OFFICERS

Andrew Clarke

Nicole McNamara (from August)

Emily Mitchell

ADMINISTRATIVE STAFF

Danielle Del Pizzo, Administration Assistant

Helmut Hoss, Website Programmer

Ianina Rubinsztein, Centre Manager

VISITING STAFF

Prof Michael Eyers, Visiting Fellow (to April)

Dr Raymond Bunker, Visiting Senior Research Fellow

Emeritus Prof Ian Burnley, Visiting Prof

Bernie Coates, Visiting Fellow (to August)

Dr Alasdair Jones, Visiting Fellow (to June)

David Lilley, Visiting Fellow

Alistair MacLennan, Adjunct Associate Prof

Prof Jane Marceau, Visiting Fellow

Peter Sainsbury, Visiting Fellow

Dr Judy Stubbs, Adjunct Senior Research Fellow

Emeritus Prof Patrick Troy, Visiting Fellow

Jennifer Westacott, Visiting Fellow

BE ASSOCIATE STAFF

The following UNSW staff were also actively associated with the Centre during 2013.

Dr Gethin Davison, Planning (from September)

A/Prof Oya Demirbilek, Industrial Design

Linda Kennedy

Prof Martin Loosemore, Construction Management

Prof Deo Prasad, Discipline Director Sustainable Development

Dr Cathy Sherry, Faculty of Law

Russell Lowe, Senior Lecturer - Architecture Program

Stephen Ward, Lecturer - Industrial Design Program

Prof James Weirick, Discipline Director - Urban Development and Design

[#] 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
Prof Chris Guilding, Griffith University
A/Prof Nicole Gurrán, University of Sydney
Prof Kath Hulse, Swinburne University
Prof Keith Jacobs, University of Tasmania
Ms Nicole Johnson, Griffith University
Dr Julie Lawson, RMIT University
Prof Peter Phibbs, University of Sydney
Ms Rhonda Phillips, University of Queensland
Dr Awais Piracha, University of Western Sydney
Ms Margaret Reynolds, Swinburne University
Dr Dallas Rogers, University of Western Sydney
A/Prof Stephen Rowley, Curtin University
Dr Andrea Sharam, Swinburne University
Dr Wendy Stone, Swinburne University
Prof Christine Whitehead, London School of Economics
A/Prof Judith Yates, University of Sydney
Dr Gina Zappia, University of Queensland

OTHER ACTIVE PARTNERSHIPS

Dr Faizah Ahmad, University of Malaya, Malaysia
Dr Elham Amini, Islamic Azad University Paridis, Iran
Prof Caroline Andrew, University of Ottawa, Canada
Prof Christine Bigby, La Trobe University
Prof Xuemei Bai, Australian National University
Dr Rene Bañares-Alcántara, University of Oxford, UK
Prof Tony Capon, The United Nations University, Malaysia
A/Prof Johanna Choumert, University of Auvergne, France
Belinda Crawford, NSW Health
Prof Ed Blakely, University of Sydney
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 Rebecca Chiu, The University of Hong Kong
A/Prof Eddo Coiacetto, Griffith University
Prof Carey Curtis, Curtin University
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
Karen Gilham, Hunter New England Local Health District
Diana Griffiths, Studio GL
Carrie Hamilton, Housing Action Network
Prof Richard Howitt, Macquarie University
Prof Bin Jalaludin, NSW Health
Helen Johnson, Transport for NSW
Paul Klarenaar, NSW Health
A/Prof Fran Klodawsky, Carleton University, Canada
Dr Dawne Lamminmaki, Griffith University
Dr Crystal Legacy, RMIT University
Dr Rebecca Leshinsky, Australian Catholic University
Prof Nicholas Low, Melbourne University
Claudine Lyons, NSW Health
Dr Alan March, Melbourne University
A/Prof Gunther Maier, WU - Vienna University of Economics and Business, Austria
Peter McCue, NSW Premier's Council for Active Living

Julie-Anne Mitchell, National Heart Foundation
Dr Clare Mouat, Melbourne University
Prof Kristy Muir, Centre for Social Impact,
UNSW
Prof David Mullins, Birmingham University, UK
Prof Peter Newton, Swinburne University
Dr Nico Nieboer, TU Delft, Netherlands
Karen Paterson, Division of Local Government
Dr Sascha Reid, Griffith University
Prof Peter Sainsbury, NSW Health
Caroline Scott, Transport for NSW
Sgouris Sgouridis, Masdar Institute, UAE
Norma Shankie-Williams, NSW Department of
Planning and Infrastructure
Dr Margaret Shaw, International Centre for the
Prevention of Crime, Canada
A/Prof Janet Smith, University of Illinois,
Chicago, USA
Robyn Vincin, Planning Institute of Australia
Dr Kalpana Viswanath, Women in Cities
International, Jagori, India
Dr Jan Warnken, Griffith University
A/Prof Carolyn Whitzman, Melbourne
University
Dr Danny Wiggins, Planning, Facilitation and
Education Services
Prof Steve Wilcox, York University

INDUSTRY/GOVERNMENT PARTNERS

Australian Climate Change Adaptation Research
Network, Settlements and Infrastructure
Australian National Climate Change Adaptation
Research Facility
Arup
Australian College of Community Association
Lawyers
Caroma
City of Sydney
Hunter New England Local Health District
Lannock Strata Finance
Macquarie Bank
National Heart Foundation
NSW Department of Housing, Family and
Community Services
NSW Department of Planning and Infrastructure
NSW Fair Trading
NSW Health
NSW Land and Property Information
NSW Office of Environment and Heritage
NSW Premier's Council for Active Living
Owners Corporation Network of Australia Ltd
Planning Institute of Australia
Randwick City Council
Salvation Army (NSW)
Sydney Coastal Councils Group
South Western Sydney and Sydney Local Health
Districts

Strata Community Australia (NSW)
UrbanGrowth NSW
Western Sydney Regional Organisation of
Councils
Willana Associates

RESEARCH PROJECTS

| Project Name | Funded by | Started | Funds | Page |
|---|--|---------|------------|------|
| Urban Analytics and City Data | | | | |
| The Sydney housing demonstrator data hub | AURIN (Led by Melbourne Uni) | 2013 | \$ 280,211 | 14 |
| Housing Policy and Practice | | | | |
| Addressing Concentrations of Disadvantage | AHURI | 2011 | \$721,226 | 15 |
| Downsizing amongst older Australians | AHURI | 2011 | \$202,742 | 16 |
| Assessing the effectiveness of public housing estate regeneration in NSW | ARC / Partners | 2006 | | 16 |
| Understanding 'Encounter' as a dimension of social Inclusion for people with intellectual disability | ARC / Partners | 2011 | \$124,000 | 17 |
| Understanding people-based outcomes: Following a community experiencing transition through renewal | Newleaf Communities, Housing NSW | 2011 | \$250,398 | 18 |
| Financing rental housing through institutional investment: An investigative panel | AHURI | 2012 | \$89,127 | 19 |
| Public housing stock transfers in Australia | AHURI | 2012 | \$165,680 | 20 |
| Understanding and addressing local opposition to affordable housing project | AHURI | 2012 | \$127,264 | 21 |
| Understanding decision-making in the not-for-profit housing sector: longitudinal and comparative components | AHURI | 2012 | \$149,833 | 22 |
| AHURI Top-up scholarship (Phillippa Carnemolla) | AHURI | 2012 | \$21,000 | - |
| Cost effectiveness and tenant outcomes in social housing | AHURI | 2013 | \$327,873 | 23 |
| Enhancing affordable housing investment via a social housing guarantee | AHURI (Led by RMIT) | 2013 | \$7,488 | 24 |
| Policy and economic change in England under the coalition Government: Monitoring the impact on homelessness | Crisis UK / Joseph Rowntree Foundation | 2013 | \$79,627 | 24 |
| Social housing exits: Analysing incidence, motivations and consequences | AHURI | 2013 | \$193,357 | 25 |
| Sustaining private rental tenancies: targeted tenant support across life events and housing transitions | AHURI (Led by Swinburne) | 2013 | \$24,694 | 26 |
| AHURI Top-up scholarship (Elizabeth Whittaker) | AHURI | 2013 | \$21,000 | - |

RESEARCH PROJECTS

| Enabling Built Environments Program | | | | | |
|---|--|------|-------------|----|--|
| Home Modification Information Clearinghouse (core funding) | ADHC / DSS | 2012 | \$696,378 | 27 | |
| Home Modifications in aboriginal housing | ADHC / Federal Dept of Health & Ageing | 2012 | from core | 28 | |
| Livable bathrooms for older people: Designing out dependence in activities of daily living | ARC / UNSW / Partners | 2012 | \$971,000 | 28 | |
| DIY Home Modifications: Point of sale support for people with disability and their carers | ADHC | 2013 | \$287,222 | 29 | |
| Home Modification and maintenance review | KMPG | 2013 | \$8,160 | 30 | |
| The OT forum and mailing list | ADHC / Federal Dept of Health & Ageing | 2013 | from core | 30 | |
| Website Accessibility Upgrades | Dept of Social Services & ADHC | 2013 | from core | 31 | |
| Healthy Built Environments Program | | | | | |
| NSW research and workforce development program on healthy built environments | NSW Ministry of Health | 2009 | \$1,500,000 | 32 | |
| Planning and building healthy communities: A multidisciplinary study of the relationship between the built environment and human health | ARC & Research Partners | 2010 | \$534,897 | 33 | |
| Health professionals' capacity building workshops | NSW Ministry of Health | 2012 | \$80,353 | 34 | |
| Sustainability and Climate Change Adaptation | | | | | |
| A low carbon living spatial data hub: Establishing the case for the development of an integrated spatial data server and analysis | CRC LCL | 2013 | \$64,000 | 35 | |
| Urban Planning And High Density Living | | | | | |
| Implementing metro planning strategies: Taking into account local level housing demand | ARC & Research Partners | 2010 | \$396,000 | 36 | |
| Green Square community pilot survey | UNSW | 2012 | \$21,503 | 36 | |
| Living together: The rise of multigenerational households in Australian cities | ARC | 2012 | \$171,051 | 37 | |
| Review of international comparisons in the NSW green paper | City of Sydney | 2012 | \$9,025 | 38 | |
| The accessibility needs and challenges of strata residents | Leichhardt Council | 2013 | \$24,493 | 38 | |

RESEARCH PROJECTS

THE SYDNEY HOUSING DEMONSTRATOR DATA HUB

Funded by: AURIN (Led by University of Melbourne)

CFRC Investigator: Prof Bill Randolph

Status: On-going

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

The Hub will provide a central point of contact to AURIN for NSW housing data. The intention is to produce a generic data hub that can be used by other researchers – possibly in the form of a reusable NeCTAR image. The project will provide an administrative interface on this hub to allow the management of data sets published from the

node, including addition and removal of datasets and support for security permissions for datasets programmatically. Ideally these features would be available directly to the owners of the data.

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

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

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

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

ADDRESSING CONCENTRATIONS OF DISADVANTAGE

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: On-going

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

Although certain large public housing estates may constitute the most easily identifiable examples, many such concentrations of disadvantage are composed mainly or entirely of private housing, much of it private rented housing. Nevertheless, to the extent that public policy has attempted to

address the problems of such areas, it has continued to focus largely on public housing estates – albeit with generally only limited success.

Moreover, 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. Therefore, while the current policy zeitgeist places both social inclusion and cities firmly on the agenda, 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 to be addressed by the study are:

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

RESEARCH PROJECTS

ASSESSING THE EFFECTIVENESS OF PUBLIC HOUSING ESTATE REGENERATION IN NSW

Funded by: ARC Linkage

Chief Investigators: Prof Bill Randolph and Prof Bruce Judd

Status: Completed in 2013

This research developed and implemented an innovative framework for evaluating and monitoring renewal programs being developed by the NSW Department of Housing for its larger housing estates. While the framework was concerned with improving methods for assessing outcomes within estates, it also developed methods for understanding the previously ignored social and economic impacts on neighbourhoods surrounding the renewal area. This involved the development of new conceptually based evaluation methodologies including those concerned with assessing community safety and wellbeing, the financial and non-financial costs and benefits of renewal, and an understanding of casual relationships between interventions and outcomes.

This project assisted in strengthening the social and economic fabric of disadvantaged public housing estates by developing an innovative framework for monitoring and evaluation the impacts of estate renewal programs in NSW. The framework is capable of evaluating change not only in estates themselves, but also in surrounding neighbourhoods. Special attention was focused on issues of community wellbeing and safety. The development of more advanced techniques to assess the financial and non-financial benefits of renewal activity made a significant contribution to the national body of knowledge about these complex and important renewal programs and their impacts in local communities.

DOWNSIZING AMONGST OLDER AUSTRALIANS

Funded by: AHURI

Project leader: Prof Bruce Judd

Status: Completed in 2013

Given the rapidly ageing Australian population and the need to ensure appropriate and affordable housing, this project investigated the phenomenon of downsizing amongst older people in Australia, a hitherto largely under-researched aspect of ageing and housing.

It aimed to discover the extent of downsizing; the demographics, motivations and circumstances precipitating downsizing; the financial and social considerations and consequences of downsizing; obstacles or disincentives to downsizing; and what policy options might assist older people wishing or needing to downsize.

The research involved an international literature and policy review, analysis of indicative ABS Census and Survey of Disability and Ageing data, a national survey via 50 Something magazine (2767 responses), 60 face to face in-depth interviews in three states (NSW, Victoria and SA) and three policy forums in each of these states using the World Cafe methodology.

The results will assist policy makers and the housing industry to better understand the housing needs of older Australians, and older people themselves to be more informed about issues around moving and downsizing in later life.

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

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

CFRC Investigator: Dr Ilan Wiesel

Status: On-going

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 aims to develop greater conceptual clarity about one aspect of social inclusion and explore the influence of the social and built environment on opportunities for people with intellectual disability to be socially included. It explores the types of 'encounters' experienced by people with intellectual disability to identify factors that support or inhibit encounters. This knowledge will inform development of strategies to facilitate social inclusion for people with intellectual disability.

By integrating conceptual and methodological approaches from the fields of urban geography/planning and disability studies, this research provides an innovative approach to the study of social inclusion. It will use 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. This method moves beyond previous reliance researchers have placed on self reported attitudes as an indicator of how people with intellectual disability are regarded by the 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.

RESEARCH PROJECTS

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

Funded by: Newleaf Communities, Housing NSW

Project leader: A/Prof Simon Pinnegar

Status: On-going

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

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

To be completed in 18 stages over 15 years, the first few stages of resident relocations and housing demolition have already been completed; new housing in Stages 1, 2 & 3 have also been constructed and residents have already moved in (as at August 2013). Neighbourhood renewal, however, is more than just about physical overhauls.

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

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

thoughts about how they, their families and the communities in general experience the changes brought about by the renewal.

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

FINANCING RENTAL HOUSING THROUGH INSTITUTIONAL INVESTMENT: AN INVESTIGATIVE PANEL

Funded By: AHURI

Project leader: A/Prof Vivienne Milligan

Status: Completed in 2013

Investment by superfunds and other institutions is desirable to meet the scale of unmet demand for affordable rental housing in Australia.

This research was concerned with how to encourage institutional investment in rental housing, especially to increase the supply of dwellings affordable to moderate and low income households. The project was conducted using an Investigative Panel method supported by interviews with key informants and desk top research. The panel of 23 members included hand-picked experts from the banking and financial investment sectors, affordable housing providers (for-profit and not-for-profit) and affordable housing industry specialists, together with nominated senior policy officials. Led by Assoc Prof Vivienne Milligan, the research team also included Prof. Hal Pawson, Dr Ilan Wiesel and Dr Shanaka Herath from City Futures, along with Assoc Prof Judith Yates (University of Sydney) and a housing finance expert Carrie Hamilton.

The study concluded that investment by super funds and other financial institutions was feasible and had potential to substantially add to stocks of affordable rental housing in Australia. A stable policy framework and initial government backing will be required to develop a new residential asset class that meets investors' requirements for yield, scale and liquidity.

 *Tax reform principles for improved housing affordability, measures to channel institutional investment into rental housing and policy integration of infrastructure, planning and housing measures all feature as key themes of the City Futures submission to the Senate Economic References Committee inquiry on affordable housing. This comes hard on the heels of our submission to the NSW Select Committee on Social, Public and Affordable Housing. Hal Pawson, Vivienne Milligan and Judy presented key recommendations and responded to Committee questions.* 

RESEARCH PROJECTS

PUBLIC HOUSING STOCK TRANSFERS IN AUSTRALIA

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: Completed in 2013

In 2009, State and Territory Housing Ministers agreed to expanding the not-for-profit sector to account for up to 35% of social housing by 2014. Only via a much expanded program of tenanted stock transfers from the state housing agencies could this target be achieved. Informed by a review of such transactions already undertaken in Australia, and drawing on relevant international experience, this study aimed to identify the issues needing to be addressed to develop a strategic framework which may well be required to facilitate larger scale transfers.

This project addressed the following specific research questions:

- What forms of stock transfer have been tried by each state/territory over the last 10-15 years?
- What objectives have stock transfers aimed to fulfil and to what extent have these been met?

- What key learnings have been derived from existing experience – e.g. on accounting, taxation, staffing and resident involvement?
- What forms and scale of transfer are currently envisaged across all states and territories?
- How does the Australian experience compare with stock transfer models in the UK?
- What should be the conceptual foundations and best practice principles of larger-scale stock transfer?
- What policy, operational and financial barriers would need to be overcome to support larger scale tenanted transfers in future?

To provide a national overview on transfer experience and proposals the study included a questionnaire survey of state housing agencies.

This informed selection of six 'case studies' to facilitate a more in-depth investigation of each model. In each instance, this involved interviews with senior government officials knowledgeable about the relevant transactions and their counterpart managers in the receiving provider organisation. For a consumer view of implementation and outcomes, residents focus group meetings were conducted. Specialised advice on accounting, tax and leverage potential associated with transfers was also included.

Drawing on previous Australian and international experience, and informed additionally by stakeholder and expert inputs, the study proposed conceptual foundations and a strategic framework for a larger scale stock transfer program suited to the Australian policy and institutional context.

UNDERSTANDING AND ADDRESSING LOCAL OPPOSITION TO AFFORDABLE HOUSING PROJECTS

Funded by: AHURI

Project leader: Dr Gethin Davison

Status: Completed in 2013

In response to a deepening housing affordability crisis, governments in Australia have recently introduced a host of policy initiatives and legislative mechanisms to boost the provision of affordable housing. The Nation Building Economic Stimulus Plan, the National Rental Affordability Scheme, the NSW Affordable Rental Housing SEPP and Amendment VC56 in Victoria have all aimed to boost the supply of accommodation affordable to lower income households and/or fast-track its development. However, the development of affordable housing has frequently been frustrated by local opposition from communities, planners, politicians and the media. In all major Australian cities, such projects have been delayed, cut back and sometimes even halted following local resistance to their development.

The central aim of this project was to better understand the nature of this opposition so that 'affordable housing' advocates can achieve

greater success in progressing future development applications.

Undertaken in three states (NSW, SA and QLD), the research centred on four case studies encompassing diverse policy settings and local area types. Each case study was a locality where two or more affordable housing projects have been proposed and/or developed over the past five years and where these schemes have been subject to varying degrees of community resistance. Through a combination of qualitative and quantitative research methods, the following questions were addressed:

- What is the policy and housing market context for local opposition to affordable housing?
- What factors underlie local resistance to affordable housing developments?

- What are the impacts of affordable housing development on local area characteristics?
- How can opposition to affordable housing projects be minimised through policy measures and practical steps?

The study produced a series of recommendations for policy-makers and housing providers on mitigating or addressing resistance to affordable housing, as well as an evidence base that documents the impacts of new affordable housing projects on local area characteristics such as property values, crime rates and environmental amenity.

RESEARCH PROJECTS

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

Funded by: AHURI

Project leader: A/Prof Vivienne Milligan

Status: On-going

Building on previous research, this project will contribute to the understanding of third sector housing organisations and business models in three key ways. First, it will offer a new up-to-date snapshot of strategic positioning and decision making in Australian housing's third sector. Second, through direct comparison of survey findings in 2011 and 2013, it will provide the first longitudinal perspective on the recent development of the sector especially to show how leading organisations manage rapid change and volatility in their environment and the consequences for their businesses. Third, by being one of a set of four international studies being conducted simultaneously using a similar methodology it will contribute to the potential for a rich comparative analysis of the contemporary positioning of the housing third sectors in Australia, the US, England and the Netherlands. This will enable improved understanding of how the third sector model fares in different political, economic and social contexts.

The research is being undertaken jointly by the UNSW, Swinburne and UWA AHURI Research Centres. The international comparative component of the research involves research teams in England, the United States and The Netherlands undertaking simultaneous studies.

COST EFFECTIVENESS AND TENANT OUTCOMES IN SOCIAL HOUSING

Funded by: AHURI

Project leader: Prof Hal Pawson

Status: On-going

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

The belief that Australia's community housing providers generally achieve superior tenant outcomes appears borne out by 2010 resident satisfaction data showing, for example, that in NSW 77% of community housing tenants were satisfied with landlord services compared with only 64% of SHA 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. More broadly, the research is relevant to the debate on the appropriate division of 'client support' responsibilities between social landlords and social/welfare services and financing of 'community benefit' contributed in accommodating tenants unable to afford economic rents.

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'.

Working closely with AIHW and with other affordable housing industry stakeholders, the project will investigate 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 will also 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 comparable across providers and jurisdictions.

RESEARCH PROJECTS

ENHANCING AFFORDABLE HOUSING INVESTMENT VIA A SOCIAL HOUSING GUARANTEE

Funded By: AHURI (Led by RMIT)

CFRC Investigator: Prof Hal Pawson

Status: On-going

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

CFRC Investigator: Prof Hal Pawson

Status: On-going

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

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

SOCIAL HOUSING EXITS: ANALYSING INCIDENCE, MOTIVATIONS AND CONSEQUENCES

Funded by: AHURI

Project leaders: Dr Ilan Wiesel, Prof Hal Pawson, and Dr Wendy Stone (Swinburne University, Melbourne)

Status: On-going

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 seeks to identify 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 to be addressed by the research will include:

- 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?

Findings from this study could bear on the broader question of how far social housing can continue to provide a springboard for social mobility such that tenants originally qualifying for entry as high need, low income households, subsequently improve their economic position to the point where they can appropriately transition to market housing or other less subsidised forms. A deeper understanding of social housing exit drivers and the opportunities and risks for exiting tenants will help to identify tenants most likely to transition successfully and to develop the

techniques and support for such movers. The findings will also be relevant to current policy considerations of tenure pathways and optimising the mix of housing assistance measures.

Research methods will include 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 indepth interviews with current and former public housing tenants in NSW and Victoria.

RESEARCH PROJECTS

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

Funded By: AHURI (Led by Swinburne University)

CFRC Investigator: Dr Ilan Wiesel

Status: On-going

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.

An increasing number of low-income households are long-term or life-long renters experiencing housing stress, which can become acute following major life events such as housing transitions or changes to their household, health or employment. An emerging policy challenge is the development of assistance programs to support struggling households to sustain private rental tenancies across major life events and transitions.

HOME MODIFICATION INFORMATION CLEARINGHOUSE

Funded By: ADHC (NSW Department of Family and Community Services) & Commonwealth Department of Social Services (DSS) under the Commonwealth Home and Community Care Program (HACC)

Project leader: A/Prof Catherine Bridge

Status: On-going

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

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

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

- Annotated web links
- Annotated Bibliographies
- Evidence Based Practice Reviews
- Consumer Factsheets
- Industry Factsheets and Checklists

- Occasional Research Papers and Summary Bulletin
- Block Library
- Case Study Library
- Forums
- Research Library
- Upcoming training and/or events

RESEARCH PROJECTS

HOME MODIFICATIONS IN ABORIGINAL HOUSING

Funded By: ADHC (NSW Department of Family and Community Services) & Federal Department of Health and Ageing

Project leader: A/Prof Catherine Bridge

Status: Completed in 2013

Current housing provision for Aboriginal people is inappropriate due to its lack of cultural relevance, incompatibility with the geographic landscape, poor design and state of disrepair, and its inability to cater to the functional impairment of Aboriginal older people and people with disabilities.

Inadequate housing supply, inappropriate home environments and a high incidence of disability and long-term health issues has led to compounded disadvantage, which means that many Aboriginal people with disabilities may face heightened difficulties.

The complex relationship between inadequate housing supply, poor housing conditions, overcrowding, and health and disability needs to be explored further in order to design the most effective home environments in remote Aboriginal communities.

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

Funded By: ARC, Partners & UNSW

Chief Investigator: A/Prof Catherine Bridge

Status: On-going

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

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

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

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

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

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

Project leader: A/Prof Catherine Bridge

Status: On-going

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

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

The overall goal of the project is to establish a suite of resources to provide advice and support to consumers intending to undertake DIY home

modification projects safely and appropriately. These resources will be made available online and at the point-of-sale for retailers and consumers. This information could also advise consumers where to find the best information to assist them in their choices, for example through the HMinfo website, an 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:

- Grabrails;
- Ramps;
- Hand-held showers;
- Level access shower recesses; and
- Hand railings.

The key questions that direct this research are:

1. How many people are not utilising government-subsidised Home Modification and Maintenance Services and are doing home modifications DIY?
2. What information do retailers of home modification components have or need?
3. What information is currently provided to consumers who purchase these home modification components?
4. 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.

RESEARCH PROJECTS

HOME MODIFICATION AND MAINTENANCE REVIEW

Funded By: KMPG

Project leader: A/Prof Catherine Bridge

Status: On-going

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

HMinfo will:

- 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.

THE OT FORUM AND MAILING LIST

Funded by: ADHC (NSW Department of Family and Community Services) & Federal Department of Health and Ageing

Project leader: A/Prof Catherine Bridge

Status: Completed in 2013

The Occupational Therapist (OT) Mailing List was integrated with the HMinfo website in April 2013. This ensures that conversations are synchronised between both the Mailing List and Forum systems.

The OT Forum is an online forum for therapists who are interested in home modifications. The forum hierarchy follows standard online forum conventions: Categories, Threads, Posts. Conversations are represented as Threads, which contain replies/messages in the form of Posts. Threads are categorised based on their topic of conversation.

Originally, conversations were solely carried out via a members-only electronic mailing list, formerly known as the listserv.

The electronic mailing list still provides a familiar and convenient method to communicate with other OTs. It is especially useful when a user cannot access the website from their location, but are able to send and receive emails through their email client.

WEBSITE ACCESSIBILITY UPGRADES

Funded By: Department of Social Services & ADHC (NSW Department of Family and Community Services)

Project leader: A/Prof Catherine Bridge

Status: Completed in 2013

Following the launch of the new HMinfo website in March 2013, Digital Access at Vision Australia was engaged to conduct an Accessibility Audit of the website in April 2013.

The website was assessed against the Web Content Accessibility Guidelines [WCAG] 2.0 specifications and complied with the majority of WCAG 2.0 criteria.

There were issues with 13 of the criteria raised in the audit. These issues were addressed in 2013 and the HMinfo website will be periodically re-audited to ensure all users experience an accessible and quality website.

The new HMinfo website is constantly adapting to changes in technology and increasing its capabilities to ensure stakeholders are provided with information efficiently.

RESEARCH PROJECTS

NSW RESEARCH AND WORKFORCE DEVELOPMENT PROGRAM ON HEALTHY BUILT ENVIRONMENTS

Funded by: NSW Ministry of Health

Project leader: A/Prof Susan Thompson

Status: On-going

The Healthy Built Environments Program is an innovative collaboration that brings the built environment and health together. The Program is situated in the City Futures Research Centre and receives its core funding from the NSW Department of Health. 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 Healthy Built Environments Program is contributing to revitalising the

relationship between the built environment and health professions.

The Healthy Built Environments Program strategy aims to support the development in NSW of current and future communities in which the built environment promotes good health for all. This is 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 has been conducted to identify gaps in current knowledge. This has 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. An audit of practices in NSW Health has been conducted so that appropriate strategies for education and partnership building across the health and built environment sectors can be determined. 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.

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

Funded By: ARC and Research Partners UrbanGrowth NSW (formerly Landcom), The National Heart Foundation, and South Western Sydney Local Health District

Chief Investigators: A/Prof Susan Thompson, Prof Bruce Judd, and Prof Bill Randolph

Status: On-going

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

The research is being undertaken in four socio-demographically and geographically diverse neighbourhoods in NSW – Victoria Park, Rouse Hill, Airds Bradbury and Renwick. A mixed

methods approach is being used to address the following questions:

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

- What features of the development make it easy/difficult for residents to be mentally healthy?

In order to examine each case study site in relation to its effectiveness in supporting good physical and mental health, a Healthy Neighbourhood Audit Instrument was developed in 2011. In 2012, this Instrument was used to map the key features and infrastructure of each case study site, as well as to record detailed environmental observations about how different spaces were used. Food outlets in each neighbourhood were also assessed to provide an understanding of the affordability, availability and quality of healthy foods in supermarkets and farmers' markets. At the conclusion of 2013, ten interviews had been completed in Victoria Park, 13 in Rouse Hill, and 12 in Renwick. The interviews are an opportunity to recruit participants for focus groups which will be conducted in early 2014.

RESEARCH PROJECTS

HEALTH PROFESSIONALS' CAPACITY BUILDING WORKSHOPS

Funded by: NSW Ministry of Health

Project leader: A/Prof Susan Thompson

Status: Completed in 2013

In 2012, Associate Professor Susan Thompson was awarded additional funding from the NSW Ministry of Health to deliver a series of ten capacity building workshops on planning for health professionals. This project was completed in November 2013. Entitled the 'Planning for Health Workshops', the series aimed to equip health professionals in NSW to better engage with the NSW planning system. Workshops were delivered in both regional and urban localities across the State. The specific objectives were to:

- Explain in detail the operation of the NSW planning system: strategic planning and development assessment.
- Discuss, with examples, how the NSW planning system can promote supportive environments for health.
- Provide advice on key points in the planning process for input from health professionals.

- Introduce and work through the 'Healthy Urban Development Checklist' as a useful tool for health professionals to respond to planning proposals.

The workshops were delivered by Associate Professor Thompson and HBEP Consortium Partner Dr Danny Wiggins. A range of stakeholders participated in the all-day forums, including staff from Local Health Districts, local councils and other interested groups (e.g. Medicare Locals, Heart Foundation, Premier's Council for Active Living and community based groups). While the exact format of each workshop was modified based on feedback and context, a typical workshop included an introduction to healthy planning concepts and presentation of key information resources; an overview of the Healthy Urban Development Checklist; a comprehensive review of the NSW planning system; and a group exercise where case studies were analysed by participants using the Checklist. Each participant

received a certificate for their attendance and completed an evaluation of the workshop. Evaluations were generally extremely positive.

A LOW CARBON LIVING SPATIAL DATA HUB: ESTABLISHING THE CASE FOR THE DEVELOPMENT OF AN INTEGRATED SPATIAL DATA SERVER AND ANALYSIS

Funded by: CRC for Low Carbon Living

Project leader: Prof Bill Randolph

Status: Completed in 2013

An analysis of the CRC's projects, and discussions with the program leaders, revealed that a large number of the funded projects used spatial data, were interested in accessing spatial information and would generate outputs at different spatial scales. Furthermore, it was understood that in future there would be an increase in the number of such projects as the CRC matures and moves from the initial pilot and scoping studies phase to more specific research across Australia.

This project aimed to assess the scope for developing an integrated building level and cadastrally organised relational database and analysis capacity to link the full range of geo-coded data which will be necessary to operationalize the broader objectives of the CRC.

The key outcome of this scoping study was the specification options for an integrated spatial data facility – the Low Carbon Living Data Hub. It would provide a central resource for all research undertaken under the CRC, stimulate further research that would use and add to the datasets as well as link the empirical outcomes into other major eResearch initiatives under development in Australia.

RESEARCH PROJECTS

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

Funded by: ARC and Research Partners

Chief Investigator: Prof Bill Randolph, and A/Prof Simon Pinnegar

Status: On-going

The project is a three-year research program working with the NSW Government Planning agencies. The overarching aim of the project is 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.

To undertake this the project will engage with current academic debates concerning scale, function and intersection of housing markets and translate these into “real world” applicable resources.

The project also supports a APA(I) PhD scholarship. The PhD research will focus on the submarket function and connectivity between different markets. Of particular interest is 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 PILOT SURVEY

Funded by: Internal Grant - Faculty of Built Environment, UNSW

Project leader: Dr Hazel Easthope

Status: Completed in 2013

This research project involved the development of a pilot survey to measure social interaction and community cohesion in the Green Square urban renewal area in Sydney.

The research had three main aims:

- To develop and pilot a survey tool for on-going assessment of social interactions and social cohesion at a large-scale urban renewal site.
- To identify opportunities and barriers residents face in contributing to social cohesion and community development.
- To assess factors that influence accessibility to local facilities and services, and how these impact on social interactions and community cohesion.

The survey was developed and piloted, with 103 complete responses received.

LIVING TOGETHER: THE RISE OF MULTIGENERATIONAL HOUSEHOLDS IN AUSTRALIAN CITIES

Funded By: Australian Research Council (ARC)

Chief Investigators: Dr Hazel Easthope, Emeritus Prof Ian Burnley, and Prof Bruce Judd

Status: On-going

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

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

The research focuses on:

- Structural changes in Australian society, notably the ageing of the population, changing employment structures, and constrained housing supply.
- Public policy decisions about the provision of housing and areas of family significance,

notably higher education, child care and aged care.

- Social and cultural views about the family, influenced by shifts in the social and cultural makeup of our cities.

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

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

The research draws upon census analysis to verify the extent of multigenerational cohabitation in two

Australian cities (Sydney and Brisbane) and includes a survey of multigenerational household members, follow-up diaries and interviews about their decision to live in a multigenerational household and the influence of these drivers on their understandings of identity, family and home.

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

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

RESEARCH PROJECTS

REVIEW OF INTERNATIONAL COMPARISONS IN THE NSW GREEN PAPER

Funded by: City of Sydney

Project leader: Dr Crystal Legacy and Ryan van den Nouwelant

Status: Completed in 2013

This research project, comprising a literature and policy review, examined how international 'best practice' was informing the NSW planning reforms. The research examined the legal, political, cultural and historical context of the international jurisdictions cited in the reforms' 'green paper', drawing particular attention to:

- the specific policy of the cited planning system considered best practice;
- the context in which that policy was implemented, and any shortcomings it had despite being considered best practice;
- examples of similar policies elsewhere, either informed by the best practice jurisdiction or otherwise; and
- considerations of how the policy could be implemented in NSW, and any qualifications that might affect its success here.

The jurisdictions spanned the US, Canada and the UK, and were used to inform various aspects of the planning reforms. The research highlighted the possible pitfalls of translating policy success from other jurisdictions. It was submitted to the NSW Government as part of the City of Sydney's response to the exhibited green paper.

THE ACCESSIBILITY NEEDS AND CHALLENGES OF STRATA RESIDENTS

Funded By: Leichhardt Council

Project leader: Dr Hazel Easthope

Status: Completed in 2013

This research examined the accessibility needs of people living in strata dwellings and the challenges that can be faced by strata residents in having home modifications undertaken in their properties, with a focus on the Leichhardt Council area. The research reported on:

- Home modification needs identified by strata title residents and peak body representatives.
- Existing policy and legislation relating to the process of undertaking home modifications in strata titled properties.
- Challenges in undertaking home modifications and opportunities for change identified by strata title residents and peak body representatives.

The research was based upon interviews with Leichhardt residents, professionals and peak body representatives and a desk-based review of relevant existing policy and legislation.

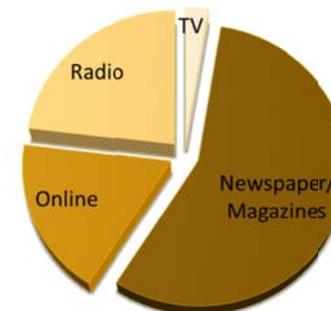
While the focus of the research is on the Leichhardt Council area, many of the findings will be directly relevant to other parts of New South Wales. The research will also be of interest to other states and territories in Australia, all of which have similar systems of property ownership.

2013 KEY PERFORMANCE INDICATORS

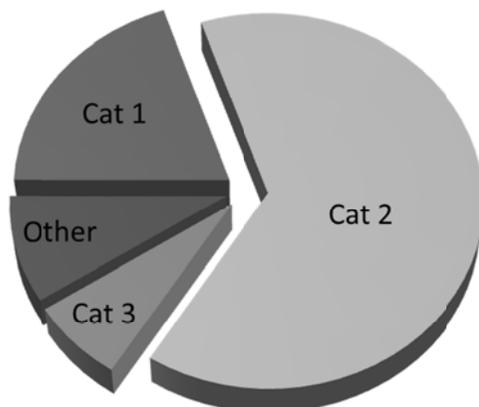
| Measure | Target | Result |
|--|---------|----------|
| Project income | \$2.00m | \$2.12m* |
| Total projects completed | 12 | 11 |
| No of publications eligible for HERDC | 50 | 52 |
| No of collaboration/partner based projects | 15 | 9 |
| No of media references | 60 | 39 |
| No of Australasian seminar/conference presentations | 30 | 50 |
| No of International seminar/conference presentations | 15 | 15 |
| No of community/practice/policy presentations | 30 | 19 |
| Post-graduate completions (cumulative) | 10 | 10 |
| Post-graduate students (actual) | 23 | 27 |
| Active associate Faculty staff | 15 | 9 |

*(1) Total Research Revenue generated (cash basis)

Media references by channel

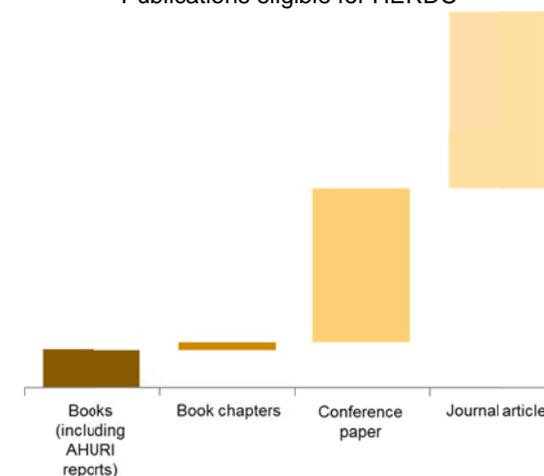


External Revenue by Category



City Futures' main source of external funding is Category 1 and Category 2 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.

Publications eligible for HERDC



2013 KEY PERFORMANCE INDICATORS

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

- Total page views: 51,324
- Unique page views: 37,136
- Unique Visitors: 6,897

Top 10 visiting countries/territories:

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



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

MENTORING AND TEACHING

SUPERVISION OF PHD STUDENTS

Samira Abbasalipour

Place making methods of building entrance.

Supervisors: Prof Bruce Judd, Dr Gethin Davison*

Aida Afrooz

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

Supervisors: Prof Michael Neuman, Russell Lowe*

David Bennett

Shaping suburbia-towards the suburbs of the future.

Supervisors: A/Prof Susan Thompson#, Dr Paul Twomey#

Phillippa Carnemolla

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

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

Anumitra Mirti Chand

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

Supervisors: A/Prof Susan Thompson#, Prof Martin Loosemore#

Stephen Davey

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

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

Jonathan Drane

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

Supervisors: Dr Nancy Marshall, Emeritus Prof Ian Burnley*

Tinalee Gallico

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

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

Jarra Hicks

Energy cooperatives and low carbon living.

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

Masud Karim Sardar

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

Supervisors: A/Prof Susan Thompson#, Dr Peter Williams#

Helen Kendall

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

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

Lydia Kiroff

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), A/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#*

Jennifer Kent

Secured by automobility: Why does the private car continue to dominate transport practices?

Supervisors: A/Prof Susan Thompson, A/Prof Simon Pinnegar#

Louise McKenzie

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

Supervisors: A/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#*

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*

Mary Pinnell

Housing: Impact of regeneration of public housing.

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

Gary Shiels

Planning for ageing: A healthy lifestyle and built environment.

Supervisors: A/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

Anjalika Wijesurendra

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

Supervisors: Prof Bill Randolph*, Prof Bruce Judd

SUPERVISION OF MASTERS BY RESEARCH STUDENTS

Sarah Judd

Housing outcomes of Chinese international students and the influence of housing pathways.

Supervisors: Dr Hazel Easthope, Dr Christine Steinmetz

Sarath Mataraarachchi

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

Supervisor: Prof Michael Neuman

SUPERVISION OF MPhil STUDENTS

Michael Comminos

Infrastructure finance / public finance.

Supervisors: Prof Alan Peters, Prof Bill Randolph*

Jennifer Fishpool

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

Supervisor: A/Prof Catherine Bridge

Elaine Tan

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

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

Sian Thompson

Weak ties in high density residential areas.

Supervisors: Dr Hazel Easthope[#], Dr Gethin Davison[#]

Clint Yabuka

Retrofitting residential strata.

Supervisors: Dr Hazel Easthope, Prof Alec Tzannes*

[#]Joint supervisor
*Co-Supervisor

MENTORING AND TEACHING

SUPERVISION OF BACHELOR OF PLANNING STUDENTS

Keeley Allen

Barriers to car-share in Sydney.
Supervisor: Dr Jennifer Kent

Alexander Beers

The recovery project in Sri Lanka after the Indian Ocean Tsunami.
Supervisor: Dr Ilan Wiesel

Timothy Chee

A view to kill: Valuing views in residential development.
Supervisor: Prof Michael Neuman

Michael Doyle

Strata termination: A renewed look at the age-old question.
Supervisor: Dr Hazel Easthope

Felicity Eberhart

Living with your granny.
Supervisor: Dr Edgar Liu

Patrice Grzelak

Seniors living: planning for the ageing Australian.
Supervisor: A/Prof Susan Thompson

Shoilee Iqbal

Perceptions of safety and its effects on participation in active living
Supervisor: A/Prof Susan Thompson

Kristina Kazerian

Opportunities and barriers to high density development in New South Wales.
Supervisor: Dr Hazel Easthope

Kelly McKellar

The modern-day great Australian dream: Exploring space, lived experiences and aspirations of residents of large suburban Australian homes.
Supervisor: Dr Ilan Vizel

Tom Molloy

Young minds in the city: Can the built environment be used to prevent mental health decline amongst adolescents.
Supervisor: Dr Ilan Vizel

Michael Oliver

Decentralised energy development In Sydney.
Supervisor: Prof Michael Neuman

Boris Santana

Barriers to the development and use of bike-share in Leichhardt LGA.
Supervisor: Dr Jennifer Kent

Jarrad Sheather

Better Connected: An analysis of wireless telecommunications infrastructure development in NSW.
Supervisor: Dr Edgar Liu

Maxine Szeto

The role of farmers' markets in contributing to local food security.
Supervisor: A/Prof Susan Thompson

Huay Tai, Chia

Crime Prevention Through Environmental Design (CPTED): A study in Sydney.
Supervisor: Emeritus Prof Ian Burnley

SUPERVISION OF MPLAN PLANNING PROJECT STUDENTS

Abdullah Alhamoudi

Why do people choose to live in apartments in Sydney?
Supervisor: Dr Hazel Easthope

Keeley Allen

The road less travelled: planning for carsharing in Australian cities
Supervisor: Dr Jennifer Kent

Caitlin Brookes

To what extent do medium sized workplaces in inner Sydney enable cycling to work? An analysis of end of trip facilities
Supervisor: Dr Jennifer Kent

Ed Dycueco

The 1960s and 70s three-storey walk-up: lessons learned from historical responses to housing needs
Supervisor: Dr Ilan Wiesel

Nathan English

Perceived barriers to local mobility in the compact city
Supervisor: Dr Gethin Davison

Ayeh Hajirasouliha

To what extent can social and physical planning contribute to the creation of sense of community in urban renewal projects? A case study of Green Square
Supervisor: Dr Gethin Davison

Bianca Hollo

Analysing the change of character on Oxford Street and assessing potential revitalisation strategies
Supervisor: Dr Gethin Davison

Emma McGirr

New directions in the urban design aesthetic

Supervisor: Dr Gethin Davison

Joy Ong

Urban pets: is there a place for pets in strata living?

Supervisor: A/Prof Susan Thompson

Laura Perry

An investigation into loneliness experienced by those living in high density versus low density public housing in the southeastern suburbs of Sydney

Supervisor: Dr Ilan Wiesel

Andre Szczepanski

Between the lines: how the media presents planning reform in NSW

Supervisor: Dr Ilan Wiesel

Glenn Wheatley

Residential acoustic amenity in 'vibrant' mixed-use areas

Supervisor: Dr Hazel Easthope

Heath Wilkinson

The impact of the decision by the University of Newcastle to expand its presence in Newcastle CBD

Supervisor: Dr Ilan Wiesel

Weiyuan Wu

The effectiveness of environmental impact assessment tools in the redevelopment of Green Square

Supervisor: Dr Crystal Legacy

Laura Wynne

Integrating transport and land-use outcomes: a case study of travel planning in Sydney

Supervisor: Dr Crystal Legacy

SUPERVISION OF PRACTICUM EXCHANGE STUDENTS

Alice Rabisse

Development of novel process based approaches for measuring sustainability.

Supervisors: Prof Michael Neuman* & Dr Araz Taeihagh*

Ainhoa Martinez

Alexandria, NSW Sustainable Urban Design Analysis and Plan.

Supervisor: Prof Michael Neuman

Joint supervisor

*Co-Supervisor

MENTORING AND TEACHING

TEACHING

A/Prof Catherine Bridge

- ARCH1495: Honours Research Thesis
- ARCH1394: Honours Studio
- BENV1384: Design Research Methods
- ARCH1496: Honours Research Thesis 2

Dr Jennifer Kent

- BENV2949: Healthy Planning
- PLAN1241: Planning Theory and Practice*
- PLAN4132: Thesis Project: Thesis supervision and marking
- BENV7712: Healthy Built Environments*

A/Prof Vivienne Milligan

- PLAN7156: Housing Policy & Finance 4 Guest Lectures

Emily Mitchell

- BENV2949: Healthy Planning*

- BENV7712: Healthy Built Environments*

Prof Michael Neuman

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

- Guest Lecturer: University of Amsterdam, Technical University Delft, and University of Groningen, the Netherlands

Prof Hal Pawson

- PLAN7156: Housing Policy and Finance

Dr Araz Taeihagh

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

Andrew Tice

- PLAN3671: Transport, Land Use & Environment (tutor and lab demonstrator)
- PLAN2801: GIS for Built Environment (Lecturer-convening, Tutor and Lab Demonstrator)

A/Prof Susan Thompson

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

AWARDS AND HONOURS

Michael Neuman and Nigel Dickson - Planning Institute of Australia NSW, Innovation in Research and Teaching Commendation, 2013.

*Guest Lecturer

In 2013 we celebrated the launch of the Housing Policy and Finance Master's course which was highly rated by students. Student comments included: 'Fantastic analysis of current housing conditions in Australia and also gives valuable overseas perspective'; 'The site visits and guest speakers were really high quality and very helpful'; 'The variety and quality of the lecturers was fantastic'; and '...really enjoyed it and learnt lots!'.

BOOKS

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- Pawson, H., & Wilcox, S. (2013). *UK Housing Review 2013*. Coventry: Chartered Institute of Housing.

BOOK CHAPTER

- Kent, J. L., Capon, A., & Thompson, S. (2013). Designing Health Promotion in Practice: An Australasian Perspective. In K. Copeland (Ed.), *Australian Healthcare Design* (pp. 26-31). Brisbane: International Academy for Design and Health.

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- Davison, G. (2013). Place-making or place-claiming? Creating a 'Latino Quarter' in Oakland, California. *URBAN DESIGN International*, 18, 200-216.
- Easthope, H., Hudson, S., & Randolph, B. (2013). Urban Renewal and Strata Scheme Termination: Balancing communal management and individual property rights. *Environment and Planning A*, 45, 1421-1435.
- Fitzpatrick, S., & Pawson, H. (2013). Ending security of tenure for social renters: Transitioning to 'ambulance service' social housing? *Housing Studies* (forthcoming as an *first paper*).
- Herath, S., & Maier, G. (2013). Local particularities or distance gradient: What matters most in the case of the Viennese apartment market? *Journal of European Real Estate Research*, 6(2), 163-185.
- Kent, J. L. (2013). Carsharing as Active Transport: what are the potential health benefits? *Journal of Transport and Health*.
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- Kim, H. Y., Wunneburger, D., & Neuman, M. (2013). High-Speed Rail Route and Regional Mobility with a Raster-Based Decision Support System: The Texas Urban Triangle Case. *Journal of Geographic Information Systems*, 5(6):559-566, 2013.
- Legacy, C., Pinnegar, S., & Wiesel, I. (2013). Under the strategic radar and outside planning's 'spaces of interest': knockdown rebuild and the changing suburban form of Australia's cities. *Australian Planner*, 50(2), 117-122.
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- Mouat, C., Legacy, C., & March, A. (2013). The Problem is the Solution: Testing agonistic theory's potential to explain intractable planning disputes. *Urban Policy and Research*.
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- Randolph, B. (2013). Wither Urban Research? Yes, You Read it Right First Time! *Urban Policy and Research*, 31(2), 130-133.
- Randolph, B., Pinnegar, S., & Tice, A. (2013). The First Home Owner Boost in Australia: A Case Study of Outcomes in the Sydney Housing Market. *Urban Policy and Research*, 31(1), 55-73.
- Randolph, B., & Tice, A. (2013). Who Lives in Higher Density Housing? A Study of Spatially Discontinuous Housing Sub-markets in Sydney and Melbourne. *Urban Studies*.
- Riazi, A., Boon, M. Y., Dain, S. J., & Bridge, C. (2013). Coping strategies may not be reflected by simulated performance-based measures of functional ability. *Journal of Optometry*, 6(2), 101-108.
- Steele, W., & Wiesel, I. (2013). Housing and the Material Imagination – Earth, Fire, Air and Water. *Housing, Theory and Society*, 31(1), 76-90.
- Taeihagh, A., Givoni, M., & Bañares-Alcántara, R. (2013). Which policy first? A network-centric approach for the analysis and ranking of policy measures. *Environment and Planning B: Planning and Design*, 40, 595-616.
- Thompson, S., & Kent, J. L. (2013). Connecting and strengthening communities in places for health and well-being. *Australian Planner*, 1-12.
- Thompson, S., & Kent, J. L. (2013). Healthy Built Environments Supporting Everyday Occupations: Current Thinking in Urban Planning. *Journal of Occupational Science*.
- Van den Nouweland, R., & Steinmetz, C. A. (2013). Concentration vs. Dispersal of a Late-night Economy. *Spaces and Flows: An International Journal of Urban and ExtraUrban Studies*, 3(4), 31-43.
- Wiesel, I. (2013). Mobilities of disadvantage: the housing pathways of low-income Australians. *Urban Studies*.
- Wiesel, I., Bigby, C., & Carling-Jenkins, R. (2013). Do You Think I'm Stupid? Urban Encounters between People with and without Intellectual Disability. *Urban Studies*.
- Wiesel, I., & Easthope, H. (2013). Moving Into a Disadvantaged Tenure? Pathways into social housing. *Geography Research Forum*, 33, 147-162.
- Wiesel, I., Pinnegar, S., & Freestone, R. (2013). Supersized Australian Dream: Investment, Lifestyle and Neighbourhood Perceptions among "Knockdown-Rebuild" Owners in Sydney. *Housing, Theory and Society*, 1-18.

AHURI REPORTS

- Davison, G., Legacy, C., Liu, E., Han, H., Phibbs, P., van den Nouweland, R., . . . Piracha, A. (2013). Understanding and addressing local opposition to affordable housing projects. *AHURI Final Report No. 211*.
- Milligan, V., Hulse, K., & Davison, G. (2013). Understanding leadership, strategy and organisational dynamics in the not-for-profit housing sector. *Final AHURI Report No. 204*.
- Milligan, V., Yates, J., Wiesel, I., Pawson, H., & Hamilton, C. (2013). Financing rental housing through institutional investment: outcomes of an investigative panel. *AHURI Final Report No. 202, 1*.
- Milligan, V., Yates, J., Wiesel, I., Pawson, H., & Hamilton, C. (2013). Financing rental housing through institutional investment: supplementary papers. *AHURI Final Report No. 202, 2*.
- Pawson, H., Milligan, V., Wiesel, I., & Hulse, K. (2013). Public Housing Transfers: Past, Present and Prospective. *AHURI Final Report 215*.

REFEREED CONFERENCE PAPERS

- Afroz, A., Harvison, T., & Neuman, M. (2013). *Best practices case studies to climate change adaptation and water management*. Paper presented at the Annual Conference of National Adaptation Conference of NCCARF, Sydney, Australia.
- Davison, G., Legacy, C., Liu, E., van den Nouweland, R., & Piracha, A. (2013). *How and why does community opposition to affordable housing development escalate? 'Unsupported development' in Parramatta, NSW*. Paper presented at the 6th State of Australian Cities Conference, Sydney, 26-29 November.
- Dowling, R., & Kent, J. L. (2013). *The Challenges of Planning for Autonomous Mobility in Australia*. Paper presented at the 6th State of Australian Cities Conference, Sydney, November 2013.
- Easthope, H., Liu, E., Burnley, I., & Judd, B. (2013). *We're a family - it makes sense to live together': Multigenerational households in Sydney and Brisbane*. Paper presented at the 6th State of Australian Cities Conference, Sydney, 26-29 November.
- Easthope, H., & McNamara, N. (2013). *Measuring Social Interaction and Community Cohesion in a High Density Urban Renewal Area: The Case of Green Square*. Paper presented at the State of Australian Cities Conference, Sydney, 26th-29th November 2013.
- Freestone, R., & Tice, A. (2013). *Airports as Development Generators: A reconnaissance of employment trends in the Sydney airport region 1996-2011*. Paper presented at the State of Australian Cities Conference, Sydney.
- Herath, S. (2013). *Discovering the urban structure using a spatial hedonic house price model*. Paper presented at the International Conference on Construction and Real Estate Management, The American Society of Civil Engineers (ASCE), Reston, Virginia.
- Judd, B., Bridge, C., Easthope, E., & Liu, E. (2013). *Downsizing: Motivations, Processes and Outcomes for Older Australians*. Paper presented at the 7th Australasian Housing Researchers' Conference, Fremantle, 6-8 February.

PUBLICATIONS

- Judd, B., Liu, E., Easthope, H., & Bridge, C. (2013). *Understanding downsizing in later life and its implications for housing and urban policy*. Paper presented at the 6th State of Australian Cities Conference, Sydney, 26-29 November.
- Kent, J. L. (2013). *Private Car Use as Resistance to Alternative Transport: Automobility's Interminable Appeal*. Paper presented at the 6th State of Australian Cities Conference, Sydney, November 2013.
- Legacy, C., Davison, G., Liu, E., van den Nouweland, R., & Piracha, A. (2013). *Democratic Infrastructure? Delivering affordable housing under Australia's Social Housing Initiative*. Paper presented at the 6th State of Australian Cities Conference, Sydney, 26-29 November.
- Lilley, D. (2013). *Social Sustainability: An idea whose time has passed?* Paper presented at the Australasian Housing Researchers' Conference, Fremantle, Perth.
- Liu, E. (2013). *The wander years: Estate renewal, temporary relocation and place(less)ness in Bonnyrigg, NSW*. Paper presented at the 6th State of Australian Cities Conference, Sydney, 26-29 November.
- Liu, E., Easthope, H., Burnley, I., & Judd, B. (2013). *Multigenerational households in Australian cities: Evidence from Sydney and Brisbane at the turn of the twenty-first century*. Paper presented at the 7th Australasian Housing Researchers' Conference, Fremantle, 6-8 February.
- Macdonald, H., Peters, A., De Pooter, N., & Yu, J. (2013). *What impact does workplace accessibility have on housing prices? Sydney 2006 - 2011*. Paper presented at the State of Australian Cities Conference, Sydney.
- McNamara, N. K. (2013). *Urban bike space: claiming and infrastructure use in Sydney*. Paper presented at the 5th Australian Cycling Conference "Everybody's cycling?" Australian Cycling Conference, Adelaide.
- Milligan, V. (2013). *Unlocking institutional finance for affordable housing: what Australian experts say*. Paper presented at the National Housing Conference, Adelaide.
- Mitchell, E., & Thompson, S. (2013). *The Healthy Neighbourhood Audit Instrument: Understanding the Environmental and Socio-Cultural Conditions to Support Healthy, Happy and Resilient Residential Communities* *7th Australasian Housing Researchers' Conference (AHRC)*. Perth, 6-8 February 2013.
- Neuman, M. (2013). *On the Fundamental Nature of Urban Planning and Design and the Conditions that Shape it into the 21st Century*. Paper presented at the AESOP/ACSP congress, Dublin, Ireland, July.
- Neuman, M., Lowe, N., Curtis, C., Taylor, M., & Searle, G. (2013). *Governance Performance in Multi-scalar Large Institutional Networks: Evaluating transport institutions in Australia's Metropolises*. Paper presented at the State of Australian Cities Conference, Sydney.
- Pawson, H., & Herath, S. (2013). *Developing a Typology of Socio-spatial Disadvantage in Australia*. Paper presented at the State of Australian Cities (SOAC) Conference, Sydney, 26-29 November.
- Rogers, D., Lilley, D., & Butler, P. (2013). *The research-policy-practice nexus: A dangerous liaison involving a housing practitioner, an academic and a tenant advocate*. Paper presented at the Australasian Housing Researchers' Conference, Fremantle, Perth.
- Schuster, S., Tineo, E., & Neuman, M. (2013). *Climate Change Adaptation in Cities: a Synthesis-Analysis for Sydney*. Paper presented at the Annual conference of NCCARF, the National Climate Change Adaptation Research Facility, Sydney, Australia.
- Thompson, S., Kent, J. L., & Lyons, C. (2013). *Planning and Health: Forging New Alliances in Building Healthy and Resilient Cities*. Paper presented at the Joint European (AESOP) and American (ACSP) Congress, Dublin.
- Thompson, S., Mitchell, E., & Crawford, B. (2013). *Planning and Building Healthy Communities*. Paper presented at the 6th State of Australian Cities Conference, Sydney, November 2013.
- Thompson, S. M., & Romero, V. (2013). *Interdisciplinary Teaching and Learning: Preparing built environment and health professionals for interdisciplinary and integrative 21st Century practice*. Paper presented at the Australian and New Zealand Association of Planning Schools Conference, Canberra, September 2013.
- Crawford, B., Byun, R., Mitchell, E., Torvaldsen, S., Thompson, S., & Jalaludin, B. (2013). *Seasonal fresh food and a sense of place: Exploring farmers' markets in Sydney* Public Health Association of Australian 42nd Annual Conference. Melbourne, September.
- Harris, P., Haigh, F., Sainsbury, P., Daley, M., Thompson, S., McCue, P., & Kemp, L. (2013). *Influencing legislation in non-health sectors: a NSW case study* Public Health Association of Australian 42nd Annual Conference. Melbourne, 16-18 September.
- Herath, S. (2013). *Discovering the urban structure using a spatial hedonic house price model* *International Conference on Construction and Real Estate Management*. Karlsruhe, Germany, October 10.
- Herath, S. (2013). *Monocentric and polycentric urban structures: insights from a spatial hedonic house price model* *Symposium on Tools for Change: How Planning Implementation Tools Can Deliver Equitable Urban Intensification Outcomes*. Sydney, Australia, April 12.
- Herath, S., Choumert, J., & Maier, G. (2013). *A Spatial Hedonic Analysis of the Value of the Greenbelt in the City of Vienna, Austria* *The 20th Annual Conference of the European Real Estate Society*. Vienna, Austria, July 3.
- Judd, B., Bridge, C., Easthope, E., & Liu, E. (2013). *Downsizing: motivations, processes and outcomes for older Australians* *7th Australasian Housing Researchers' Conference (AHRC)*. Perth, 6-8 February 2013.
- Jung, Y. M., & Bridge, C. (2013). *Economic dimensions of home modification: Cost-benefit comparison between ramps and lifts* *7th Australasian Housing Researchers' Conference (AHRC)*. Perth, 6-8 February.
- Liu, E., Easthope, H., Burnley, I., & Judd, B. (2013). *Multigenerational households in Australian cities: Evidence from Sydney and Brisbane at the turn of the twenty-first century* *7th Australasian Housing Researchers' Conference (AHRC)*. Perth, 6-8 February 2013.
- McNamara, N. K. (2013). *Urban bike space claiming and infrastructure use in Sydney* *Australian Cycling Conference*. Adelaide, January 21.

OTHER RESEARCH REPORTS

- Bridge, C., & Riazi, A. (2013). *Potential Environmental Hazard: From Perspectives of People with Central Vision Loss Who Reside in Sydney* *Independent Living* (Vol. 29, pp. 16-21). Independent Living Centre, NSW.
- Easthope, H., & McNamara, N. (2013). *Green Square Pilot Survey: Final Report*. Sydney: City Futures Research Centre.
- Easthope, H., & van den Nouweland, R. (2013). *Home Modifications in Strata Properties: Final Report*. Sydney: City Futures Research Centre.
- Fitzpatrick, S., Pawson, H., Bramley, G., & Wilcox, S. (2013). *The Homelessness Monitor: England 2013* *London: Crisis*
- Pinnegar, S., Liu, E., & Randolph, B. (2013). *Bonnyrigg Longitudinal Panel Study First Wave: 2012: Research Report*. UNSW, Sydney: City Futures Research Centre.
- Pinnegar, S., & Randolph, B. (2013). *The Places that Planning Forgot: Prospects for urban regeneration in Sydney's western suburbs* (Vol. 13). Kensington: City Futures Research Centre.
- Taeihagh, A., & Randolph, B. (2013). *Scoping Study for the development of a Data Hub* *CRC Low Carbon Living*.

CONFERENCE/SEMINAR PRESENTATIONS

- Bridge, C. (2013). *Co-designing with older persons to create better environmental outcomes at all scales from products to streetscapes* *Social Design Sydney – Designing with Sydney, Design With Older People*. COFA, November.
- Bridge, C. (2013). *Community planning for older people: how iPads can help* *Living Well Longer: Research in Ageing in the Illawarra*. Wollongong, November.

- Milligan, V. (2013). Affordable rental housing – an investment challenge and an opportunity. ACTU and Unions NSW Superannuation Trustees Forum 2013, December 9
- Milligan, V. (2013). Changes in housing affordability, housing assistance & some implications for women in Australia *Gender & Intergovernmental Relations Workshop: Australian and International Perspectives*. Social Policy Research Centre, UNSW Sydney, May 16.
- Milligan, V. (2013). Financing and institutional arrangements for the provision of affordable rental housing in Australia *AHURI Research Seminar Series: Building Resilient Housing markets- home ownership and affordable rental supply*. Perth, August 14.
- Milligan, V., & Hulse, K. (2013). How are Australia's leading housing not-for-profit organisations embracing social enterprise and hybridity *7th Australasian Housing Researchers' Conference (AHR)*. Perth, 6-8 February 2013.
- Neuman, M. (2013). Is Resilience Planning's Holy Grail? Closing plenary session, *AESOP/ACSP congress*. Dublin, Ireland, July.
- Neuman, M. (2013). The New Global Panorama as a Touchstone for Planning *AESOP/ACSP congress*. Dublin, Ireland, July.
- Neuman, M. (2013). Images, Plans and Institutions: Cognition and Planning Theory. University of Groningen, the Netherlands, September.
- Neuman, M. (2013). Images, Plans and Institutions: The Role of Cognition in Spatial Planning. Technical University of Delft, the Netherlands, September.
- Neuman, M. (2013). Infrastructure for Green Cities *Green Leaders Summit*. Sydney, September.
- Neuman, M. (2013). Integrated Planning for Sustainable Cities *International Conference on Integrated Urban Planning*. Kuala Lumpur, Malaysia, November.
- Neuman, M. (2013). The Role of Concepts and Images, in Transit Oriented Development *International Seminar on Transit Oriented Development*. University of Amsterdam, the Netherlands, September.
- Neuman, M. (2013). Sustainable Transport and Infrastructure Planning. University of Malaya, Kuala Lumpur, Malaysia, November.
- Neuman, M. (2013). Sustainable Urbanism. Malaysian Institute of Planners, Kuala Lumpur, Malaysia, November.
- Pawson, H. (2013). Analysing the geography of disadvantage in Australia's major cities *National Housing Conference*. Adelaide, 30 October-1 November.
- Pawson, H. (2013). Golden dawn or chimera? Can institutional investment transform rental housing? *Housing Studies Association conference*. York University, UK, 10-12 April.
- Pawson, H. (2013). Lifting the lid on public housing transfers – framing the policy context *Australasian Housing Institute seminar*. Brisbane, 27 November 2013.
- Pawson, H. (2013). Public housing transfers – financial implications for community housing providers *Financial Models for Community Housing*. Melbourne, 24-25 July.
- Pawson, H. (2013). Public housing transfers in Australia: past, present and prospective – emerging findings *AHURI Seminar*. Brisbane, 29 May.
- Pawson, H., & Gilmour, T. (2013). How can tenant participation thrive in an increasingly pressurised social housing system? *7th Australasian Housing Researchers' Conference (AHR)*. Perth, 6-8 February 2013.
- Pawson, H., Wiesel, I., & Milligan, V. (2013). What choice for tenant choice in reshaping Australia's social housing system *Australian Social Policy Conference*. Sydney, September.
- Taeihagh, A. (2013). Moving towards more sustainable futures: how new tools and techniques can help *Sustainability: How do we work together Forum*. UNSW Built Environment Expo, SYD, Australia, 16 April.
- Taeihagh, A. (2013). Novel approaches for policy formulation in socio-technical systems *City Futures Symposium*. Faculty of Built Environment, UNSW, Sydney, Australia, 20 March.
- Taeihagh, A. (2013). Policy and Planning on the Interface of Socio-Technical Systems: Novel Approaches and Tools for Development of Policies *Tools for Change Symposium*. UNSW-ACU, SYD, Australia, 12 April.
- Thompson, S., & Lyons, C. (2013). The Healthy Built Environments Program: Working together to break down health and planning silos *The 6th Making Cities Liveable Conference*. Melbourne, June.
- Wheeler, A., & Thompson, S. (2013). Policy prescriptions for healthy cities: how do Australian metropolitan planning strategies compare? *PIA National Congress*. National Convention Centre, Canberra, 25th March
- Wiesel, I., & Bigby, C. (2013). Encounter in the public realm: Being recognised, becoming known, forming relationships *48th Annual Australasian Society for Intellectual Disability Conference*. Sydney, November.
- Thompson, S. M., & Byun, R. (2013). Healthy Built Environments - Adding up the Numbers: Health and Wellbeing Data for Planners *New Planner* (Vol. 26). September 2013.
- Thompson, S., & Klarenaar, P. (2013). Healthy Built Environments - 2013: A Watershed in Healthy Planning *New Planner*. December 2013.
- Thompson, S. M., & Byun, R. (2013). Healthy Built Environments - Adding up the Numbers: Health and Wellbeing Data for Planners *New Planner* (Vol. 26). September 2013.
- Thompson, S., & Capon, A. (2013). Healthy Built Environments - The Value of Planning for Interdisciplinary Understandings *New Planner* (Vol. 26). June.
- Thompson, S., & Capon, A. (2013). Healthy Built Environments - Getting the Balance Right: 21st century planning for human wellbeing *New Planner* (Vol. 26).
- Thompson, S. M. (2013). Review of Taone Tupu Ora: Indigenous Knowledge and Sustainable Urban Design. In K. Stuart & M. M. Thompson-Fawcett (Eds.), (Vol. 51, pp. 329-330). New Zealand Centre for Sustainable Cities, University of Otago, Wellington, New Zealand, 2010: Geographical Research.
- Wiesel, I. (2013). Housing people with intellectual disability under the National Disability Insurance Scheme. In C. Bigby & C. Fyfe (Eds.), *Making mainstream services accessible and responsive to people with intellectual disability: what is the equivalent of lifts and Labradors?* (pp. 47-53). Seventh Annual Roundtable on Intellectual Disability Policy: Melbourne: La Trobe University.

OTHER PUBLICATIONS

- Legacy, C., & Whitzman, C. (2013). Women and planning: Building Inclusive Cities *Planning News (NSW)* (Vol. 94 (March 2013), pp. 17).
- Liu, E., & Easthope, H. (2013). Multigenerational households in Australia: Some interesting facts *The Quarterly Magazine* (Vol. 13, pp. 22-23). Queensland Shelter.
- Liu, E., & Easthope, H. (2013). Multigenerational households on the rise *Around the house* (pp. 12-13). Shelter NSW.
- Milligan, V. (2013). Not-for-profit affordable housing providers: All dressed up and ready for a bigger role *HousingWORKS* (Vol. 10 (6), pp. 40-41).
- Milligan, V. (2013). Unlocking institutional finance for affordable housing: what Australian experts have said, *Around the House Shelter NSW* (Vol. 95, pp. 8-11). Sydney.
- Pawson, H. (2013). Unlocking the door to public housing transfers *Housing Works*. December 2013.
- Pinnegar, S., Liu, E., & Randolph, B. (2013). Bonnyrigg Longitudinal Panel Study First Wave: 2012 *Research Report*. Sydney, City Futures Research Centre.
- Thompson, S. (2013). Taone Tupu Ora: Indigenous Knowledge and Sustainable Urban Design. In K. Stuart & M. M. Thompson-Fawcett (Eds.).

NEW GRANTS AWARDED

City Futures Research Centre was successful in securing additional grant funding in 2013.

The grants below were awarded to City Futures Research Centre, or included the Centre's participation, and commenced in 2013:

AHURI

Cost effectiveness and tenant outcomes in social housing

Total amount awarded: \$327,873

Enhancing affordable housing investment via a Government guarantee (Led by RMIT)

Total amount awarded: \$7,488

Social housing exits: Analysing incidence, motivations and consequences

Total amount awarded: \$193,357

Understanding Decision Making in Third Sector Housing Organisations: Longitudinal and Comparative Elements

Total amount awarded: \$149,832

Sustaining private rental tenancies: targeted tenant support across life events and housing transitions (Led by Swinburne University)

Total amount awarded: \$24,694

ARC (AND PARTNERS ON LINKAGE PROJECTS)

Livable bathrooms for older people: Designing out dependence in activities of daily living

Total amount awarded: \$971,000

OTHER

The Sydney Housing Demonstrator Data Hub (AURIN)

Total amount awarded: \$208,211

The Accessibility Needs and Challenges of Strata Residents (Leichhardt Council)

Total amount awarded: \$24,493

Policy and economic change in England under the coalition government: monitoring the impact on homelessness (Crisis UK / Joseph Rowntree Foundation)

Total amount awarded: \$79,627

DIY Home Modifications: Point of Sale Support for People with Disability and their Carers (ADHC)

Total amount awarded: \$287,222

Home Modification and Maintenance Review (KPMG)

Total amount awarded: \$8,160

A Low Carbon Living Spatial Data Hub: Establishing the Case for the Development of an Integrated Spatial Data Server and Analysis (CRC LCL)

Total amount awarded: \$64,000

FINANCIAL STATEMENT

CONSOLIDATED FINANCIAL STATEMENT 2012-2013*

* Reporting based on new Statement of Financial Performance developed by UNSW for Research Centres.

| | 2012 (\$) | 2013 (\$) | |
|--------------------------------|------------------|------------------|--------|
| INCOME | | | |
| Research Revenue | 1,672,831 | 2,155,562 | |
| Faculty Operating Funds | 49,790 | 48,738 | |
| UNSW Strategic Funds | 322,967 | 626,910 | |
| Sundry Other Revenue | 24,943 | 5,546 | |
| Other Research Revenue | 57,047 | 168,435 | NOTE 1 |
| TOTAL INCOME | 2,127,577 | 3,009,190 | |
| EXPENDITURE | | | |
| People Costs | 1,726,214 | 1,866,355 | |
| Scholarship Stipends | 74,490 | 108,999 | |
| Contract & Consulting Services | 86,474 | 372,280 | |
| Repairs and Maintenance | - | 118 | |
| Consumables | 311,789 | 30,018 | |
| Travel | 125,749 | 123,330 | |
| Equipment Non Capitalised | 6,863 | 14,140 | |
| Equipment Capitalised | - | 61,144 | |
| Entertainment | 2,829 | 588 | |
| Marketing | 29,160 | 73,916 | |
| Miscellaneous Expenses | 726,989 | 543,136 | |
| TOTAL EXPENDITURE | 2,466,980 | 3,193,024 | |
| OPENING BALANCE | 1,491,505 | 1,268,676 | |
| CLOSING BALANCE | 1,268,676 | 1,033,174 | NOTE 2 |

NOTE 1: Includes the transference of surplus funds that is not required to be returned to the sponsors.

NOTE 2: Closing Cash Balance is calculated by deducting unpaid invoices and may be understated by GST.

ACKNOWLEDGEMENTS

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

CONTACT DETAILS

If you would like to contact us to find out more about our research, our details are:

| | |
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