Annual Report 2011

CITY FUTURES RESEARCH CENTRE
Faculty of the Built Environment, University of New South Wales

ISSN 1838-1219
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INTRODUCTION AND SUMMARY
INTRODUCTION AND SUMMARY

Welcome to the City Futures Research Centre’s 2011 Annual Report. After several years of steady growth, 2011 saw the second Triennial Review of the Centre, which took place in July. This review, in which the performance of the Centre was assessed by a high level panel as part of the University’s ongoing review of research centres, commended the Centre on its activities and endorsed the new 3 Year Business Plan. The new Plan has two key objectives:

To develop International Strategic Partnerships. The strategy focuses upon the more outward-facing goals identified in both the DVC(R) and Faculty Research Strategies. Over the next three years we will develop our local and national leadership reputation to build a series of International Strategic Partnerships with up to four of the best comparable Centres and Universities in the world.

To support Faculty and wider University goals of building research strength. We will continue to contribute to building research intensity across the Faculty of the Built Environment and the University more widely. Our first five years have helped to transform the research metrics for the Faculty. Our aim is to play an increasingly influential role in transforming research activity across all spheres within the Faculty.

In addition, the Plan identified nine Goals that the Centre aims to achieve of the lifetime of the Plan:

- To reaffirm the Centre as the leading source of urban research in the Australian university system
- To continue to maintain a diverse portfolio of funding streams to ensure ongoing sustainability, with a focus on Category 1 grants and longer term strategic funding opportunities
- To consolidate existing strengths as the leading centre in the AHURI network
- Prepare a bid for a Centre of Excellence on City Planning and Policy with other ERA 4-rated Universities to take advantage of AURIN generated datasets
- To play a proactive and collaborative role in promoting greater research activity across the Faculty including: participation in supervision and mentoring, and research-into-teaching activity
- To establish a small number of international strategic partnerships with like-minded, world-class institutions in order to maximise research, funding and career development opportunities
- To provide an unrivalled working environment for staff including career path opportunities to aim retention of key staff
- To rebalance productivity to focus on world-class research outputs
- To relocate the Centre into a highly visible office space in the middle of the Faculty building, offering world-class research infrastructure for the staff, associates, visitors and Built Environment colleagues.

The Review was accompanied by the proposal to reform the Centre to provide a more clearly defined management structure. This involved establishing six new Program areas each headed by a new Associate Director to work with the Director to provide better leadership and management for Centre activities and staff and which was formally adopted in the latter half of the year.

Building on the inclusion of the Healthy Built Environments Program (HBEP), headed by A/Prof Susan Thompson, as reported in the 2010 Annual Report, A/Prof Catherine Bridge’s Enabling Built Environments Program (EBEP) was established incorporating the Home Modifications Information Unit. In addition, the existing work of the Centre was split into two more distinctive Program areas – the
Urban Planning and Policy Program (UPP) under Dr Simon Pinnegar, and the Housing Policy and Practice Program (HPP) under the newly appointed Prof Hal Pawson (of whom more below), incorporating our AHURI node.

At the end of 2011, Prof Michael Neuman, who joined BE in the middle of the year from Texas A&M University in the USA, agreed to head up a newly formed Sustainability and Climate Change Adaptation Program (SCCAP), which was formed around the existing NCCARF funded research activities. We hope that this new Program will become established properly during 2012 and act as a focus for new research in the areas of urban sustainability.

Finally, a new Spatial Modelling and Urban Information Technology Program (SMUITP) area was defined to give a focus to our emerging spatial data analysis interests. Nominally sitting with the Director, this new Program area is also expected to expand over the next three years as an increasing emphasis is placed on developing the spatial data handling capacity of the Centre.

The aim of this restructuring is to support the growth of the Centre by providing a stronger management structure and ensure responsibilities for developing new research are more clearly defined across the Program areas. The new Program structure offers a greater degree of devolved management, and hence longer term sustainability, for the Centre. At the same time, however, the new structure will not preclude the flexible deployment of staff across Program boundaries and, indeed, we are committed to developing a more collaborative and interdisciplinary research culture both within the Centre and across the Faculty, more broadly.

On the staffing front, we were very pleased indeed to welcome Prof Hal Pawson to the Centre from Heriot-Watt University in Edinburgh, Scotland. Hal was brought to the Centre through a Special Priority Funding arrangement with the DVCR’s office. Hal now leads our housing research portfolio and also assumed the mantle of Deputy Director of the UNSW-UWS AHURI node, until the end of 2011, when he took on the Directorship. Hal brings with him an internationally recognised expertise in housing research as well as a close relationship with colleagues involved in housing and urban research at Heriot-Watt that we intend to build on in the next few years.

We were also pleased to welcome two other new members of the team. Dr Crystal Legacy joined us as a Research Associate in July from Melbourne University where she had worked on the internationally significant Australasian Centre for the Governance and Management of Urban Transport. Crystal brings with her an expertise in urban governance, community engagement, strategic planning and transport, and has international research experience. Ryan van den Nouwelant joined us in June as a PhD student who will also work half time as a Senior Research Officer. Ryan comes from the City of Sydney where he worked on affordable housing policy and has a planning and urban policy background.

It was also a good year for visitors, all of whom presented in our ongoing seminar series. Over the 12 months we welcomed David Broyd, Group Manager Port Stephen’s Council, Prof David Mullins, University of Birmingham, Prof Glen Bramley, Heriot-Watt University, Prof Annette Hastings, University of Glasgow, Prof Brendan Gleeson, National University of Ireland Maynooth, Anita Blessing, University of Amsterdam and Prof Mark Stephens, also from the University of Glasgow. This steady stream of high profile visitors is a reflection of the increasing profile that the Centre plays in the international research community.

The year also saw two more post grad completions. Catherine Bridge’s student Dr Abbas Riazi, successfully passed his PhD thesis on home modifications for people with vision impairment, and Sarah Hudson passed her Masters of Research on strata management issues. We wish them all the best for a fulfilling future career.

Performance against our target performance indicators also indicated good progress (see page 14). External research income was maintained at a healthy level, achieving $1.840m in 2011, a shade down on the $1.974m achieved in 2010, with a total income result of $2.011 for the year. Set against our 2011 target, external income generation (79%) was also creditable although this result may
indicate that in setting such goals future Business Plans will need to recognise the realistic limits to the projection of growth trajectories. We recorded a total of 40 HERDC recognised publications; 30 media references; and a small, but significant, increase in international conference presentations to 13. Post graduate research student numbers supervised by Centre staff stood at 25. The expansion of the Centre has also meant a continued broadening of the research income base of the Centre, as the following figure shows. These results indicate a consolidation of the new expanded Centre together with a solid outcome from the existing City Futures group, these results augur well for the future.

Finally, on behalf of the City Futures team, 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.

Professor Bill Randolph
Director
City Futures Research Centre

June 2012
CENTRE STAFF, VISITORS AND ASSOCIATES, 2011
CENTRE STAFF, VISITORS AND ASSOCIATES, 2011

CITY FUTURES MANAGEMENT BOARD

- **Prof Alec Tzannes**, (Chair), Dean, Faculty of the Built Environment
- **A/Prof Catherine Bridge**, Director, Enabling Built Environments Program
- **Prof Robert Freestone**, Professor, Planning Program, Faculty of the Built Environment
- **Dr Peter Graham**, Head of Discipline Architecture and Design
- **A/Prof Bruce Judd**, Visiting Senior Research Fellow
- **Prof Jane Marceau**, Visiting Professorial Fellow
- **Prof Alan Peters**, Professor, Head of Discipline - Urban Planning, Landscape Architecture, Urban Design, Construction Management and Property (from January 2011)
- **Dr Simon Pinnegar**, Deputy Director, City Futures Research Centre
- **Prof Bill Randolph**, Director City Futures Research Centre, Associate Dean of Research, Faculty of the Built Environment
- **A/Prof Susan Thompson**, Co-Director, Healthy Built Environments Program
- **Shelly Wood**, General Manager, Faculty of the Built Environment (until September 2011)
- **Peter McConaghe**, General Manager (from October 2011)
- **Toni Hodge**, Faculty Research Manager (from September 2011)

Three formal Management Board Meetings took place in 2011 on 4th April, 6th June and 17th October.

CENTRE STAFF 2011

CITY FUTURES CORE STAFF

- **Prof Bill Randolph**, Centre Director
- **Dr Simon Pinnegar**, Deputy Director
- **Dr Gethin Davison**, Research Fellow
- **Dr Hazel Easthope**, Research Fellow
- **Sarah Judd**, Research Officer (Appointed full time staff February 2011)
- **Dr Crystal Legacy**, Research Associate (Appointed July 2011)
- **Dr Edgar Liu**, Research Associate
- **A/Prof Vivienne Milligan**, Associate Professor
- **Prof Hal Pawson**, Professor (Appointed July 2011)
- Maria Schwensen, Administrative Coordinator
- Andrew Tice, Part time Senior Research Officer / PhD student
- Ryan van den Nouwelant, Senior Research Officer (Appointed June 2011)
- Dr Ilan Vizel, Research Associate

HEALTHY BUILT ENVIRONMENTS PROGRAM
- A/Prof Susan Thompson, Co-Director, Healthy Built Environments Program
- Evan Freeman, Public Health Officer Trainee, NSW Health and UNSW Faculty of Medicine (six month placement September 2010 onwards)
- Jennifer Kent (nee Manefield), Research Assistant
- Emily Mitchell, Research Officer (appointed 4 April 2011)
- Dr Lisa Mu, Six month placement as public health trainee from University of British Columbia, Vancouver, Canada, from December 2010 to May 2011
- Joanna York, Senior Research Officer

ENABLING BUILT ENVIRONMENTS PROGRAM
- A/Prof Catherine Bridge, Program Director, Enabling Built Environments Program
- Toni Adams, Research Assistant (Casual Professional)
- Phillippa Carnemolla, Industrial Designer/Research Assistant
- David Cunningham, Librarian (Contract ended August 2011)
- Lyndal Millikan, Research Associate
- Yong-Moon Jung, Research Associate
- Ianina Rubinsztein, Research Administrator (Appointed November 2011)
- Rachel Walls, Researcher/Research Administrator (Resigned November 2011)
- Julie Williams, Librarian (Contract ended December 2011)

SUSTAINABILITY AND CLIMATE CHANGE ADAPTATION
- Prof Michael Neuman, Associate Director Sustainability and Climate Change Adaptation

VISITING STAFF 2011
- Francesco Andreone, Adjunct Associate Prof
- Dr Raymond Bunker, Visiting Senior Research Fellow
- Prof Tony Capon, Adjunct Prof and HBEP Co-Director
- Bernie Coates, Visiting Fellow
- Prof Michael Eyers, Visiting Professorial Fellow
- A/Prof Bruce Judd, Visiting Senior Research Fellow
- David Lilley, Visiting Fellow
• **Prof Jane Marceau**, Visiting Professorial Fellow
• **Dr Judy Stubbs**, Adjunct Senior Research Fellow
• **Prof Patrick Troy**, Visiting Professorial Fellow
• **Prof Jennifer Westacott**, Visiting Professorial Fellow

**BE ASSOCIATE STAFF 2011**

In addition to the Centre staff, the following eight Faculty staff were actively associated with the Centre during 2011.

• **A/Prof Linda Corkery**, Head of Program - Landscape Architecture
• **A/Prof Oya Demirbilek**, Associate Prof - Industrial Design Program
• **Prof Rob Freestone**, Planning Program
• **Dr Peter Graham**, Head of Discipline - Architecture & Design
• **Russel Lowe**, Senior Lecturer - Architecture Program
• **Dr Paul Osmond**, Lecturer – Sustainable Design and Development
• **Prof Alan Peters**, Professor of Urban and Regional Planning, and Head of Discipline for Urban Planning, Landscape Architecture, Urban Design, Construction Management and Property
• **Prof Deo Prasad**, Program Director - Sustainable Development
• **Stephen Ward**, Lecturer - Industrial Design Program
• **Peter Williams**, Program Director - Planning

**RESEARCH PARTNERSHIPS**

City Futures is engaged in research with a range of academic partners.

**AHURI**

• **Dr Hazel Blunden**, University of Western Sydney
• **Prof Terry Burke**, Swinburne University of Technology
• **Dr Lynda Cheshire**, University of Queensland
• **Dr Jonathan Corcoran**, University of Queensland
• **Dr Louise Crabtree**, University of Western Sydney
• **A/Prof Michael Darcy**, University of Western Sydney
• **Prof Paul Flatau**, University of Western Australia
• **Dr Tony Gilmour**, (Honorary Associate) Swinburne University
• **A/Prof Nicole Gurran**, University of Sydney
• **Prof Kath Hulse**, Institute for Social Research Swinburne University
• **A/Prof Keith Jacobs**, University of Tasmania
• **Prof Andrew Jones**, University of Queensland
• **Prof Paul Memmott**, University of Queensland
• **Dr Julie Lawson**, RMIT and OTB Research Institute for the Built Environment, Delft University of Technology, the Netherlands
• **Dr Rebecca Lewinsky**, Swinburne University of Technology
• **Dr Alan Morris**, Faculty of Arts and Social Sciences, UNSW
• **Prof Peter Phibbs**, University of Western Sydney
• **Ms Rhonda Phillips**, University of Queensland
• **Dr Awais Piracha**, University of Western Sydney
• **Dr Margaret Reynolds**, Swinburne University of Technology
• **Dr Caroline Sapideen**, University of Western Sydney
• **Dr Lise Saugeres**, Swinburne University of Technology
• **Dr Andrea Sharam**, Swinburne University of Technology
• **Prof Peter Shergold**, Centre of Social Impact, University of New South Wales
• **Dr Patricia Short**, University of Queensland
• **Dr Angela Spinney**, Swinburne University of Technology
• **Dr Wendy Stone**, Swinburne University of Technology
• **Dr Max Travers**, University of Tasmania
• **Prof Peter Williams**, Cambridge University, Cambridge UK
• **A/Prof Judith Yates**, University of Sydney
• **Dr Michael Zanardo**, University of Sydney

**OTHER ACTIVE PARTNERSHIPS**

• **Prof Caroline Andrew**, University of Ottawa, Canada
• **Janne Bidenko**, Deaf Blind Association Australia
• **Prof Christine Bigby**, La Trobe University
• **Anita Blessing**, University of Amsterdam
• **Dr Mei Boon**, School of Vision Sciences, UNSW
• **Prof Glen Bramley**, Heriot-Watt University, Edinburgh
• **David Broyd**, Group Manager, Sustainable Planning, Port Stephens Council
• **Dr Roy Byun**, NSW Health
• **A/Prof Lindy Clemson**, University of Sydney
• **A/Prof Ron Cox**, Faculty of Engineering, UNSW and National Climate Change Adaptation Research Facility
• **Prof Carey Curtis**, Curtin University
• **Prof Stephen Dain**, School of Vision Sciences, UNSW
• **Michelle Daly**, Heart Foundation
• **Desleigh De Jonge**, University of Queensland
• **Prof Steven Dovers**, Fenner School, Australian National University
• Dr Tony Eardley, Social Policy Research Centre, UNSW
• Sue Egan, Physical Disabilities Council of Australia
• Prof Suzanne Fitzpatrick, Heriot-Watt University, Edinburgh
• Sarah Fogg, The Benevolent Society
• Beverly Garlick, Royal Australian Institute of Architects, NSW
• Stuart Gibb, Landcom
• Prof John Gilderbloom, University of Louisville, Kentucky
• Prof Billie Giles-Corti, University of Western Australia (now University of Melbourne)
• Karen Gillham, (formerly) Hunter and New England Area Health Service
• Prof Brendan Gleeson, National University of Ireland, Maynooth
• Prof Susan Green, Faculty of Social Sciences, UNSW
• A/Prof Stephen Harfield, Flinders University
• Dr Marietta Haffner, OTB Research Institute for the Built Environment, Delft University of Technology, the Netherlands.
• Annette Hastings, University of Glasgow
• Jamelia Haworth, MS Society Ltd
• Les Hems, Centre for Social Impact, University of New South Wales
• Prof Bin Jalaludin, NSW Health
• Greg Killen, Spinal Cord Injuries Australia
• A/Prof Fran Klodawsky, Carleton University, Canada
• Sandra Lightfoot-Collins, Macarthur HMMS
• Prof Nicholas Low, The University of Melbourne, GAMUT
• Claudine Lyons, NSW Health
• Dr Alan March, The University of Melbourne
• Peter McCue, NSW Premier’s Council for Active Living
• Peter Meredith, Master Builder’s Association, NSW
• Julie-Anne Mitchell, National Heart Foundation
• Dr Clare Mouat, The University of Melbourne
• Prof David Mullins, University of Birmingham
• Dr Nico Nieboer, OTB Research Institute for the Built Environment, Delft University of Technology, the Netherlands
• Dr Michelle Norris, University College Dublin
• Karen Paterson, Division of Local Government, Department of Premier and Cabinet
• Associate Prof Gang-Ding Peng, School of Electrical Engineering & Telecommunications, University of New South Wales
• Anna Petersen, Landcom
• Steve Pomeroy, University of Ottawa Centre on Governance and Focus Consulting
• Glen Redmayne, Marrickville Council
- **Vanessa Richards**, Upper Hunter Home Modification and Maintenance Service
- **Karen Roberts**, Caulfield General Medical Practice
- **Dr Kristian Ruming**, Department of Environment and Geography - Human Geography, Macquarie University
- **A/Prof Peter Sainsbury**, (formerly) Sydney South West Area Health Service
- **Norma Shankie-Williams**, NSW Department of Planning
- **Dr Margaret Shaw**, International Centre for the Prevention of Crime, Canada
- **Ross Smith**, Central Sydney Regional Public Tenants Association
- **Prof Edward Steinfield**, University at Buffalo, State University of New York
- **Prof Mark Stephens**, University of Glasgow
- **Keith Stevenson**, Auburn Holroyd, Parramatta HMM Service
- **Dr John Stone**, The University of Melbourne
- **Dr Sophie Sturup**, The University of Melbourne
- **Emma Synnott**, ARUP
- **A/Prof Sarah Thackway**, NSW Health
- **A/Prof Anne Tiernan**, School of Government and International Relations Griffith University
- **Prof Richard Tomlinson**, University of Melbourne
- **Irene Truscott**, Deafness Forum of Australia
- **Robyn Vincin**, Planning Institute of Australia
- **Dr Kalpana Viswanath**, Women in Cities International, JAGORI, India
- **A/Prof Carolyn Whitzman**, The University of Melbourne
- **Prof Marcus Wigan**, The University of Melbourne
- **Prof Steve Wilcox**, York University

**ACTIVE INDUSTRY/GOVERNMENT PARTNERS**

- Aboriginal Housing Office, NSW
- Australasian Housing Institute
- City of Sydney
- Commonwealth Department of Health and Ageing
- Community Housing Federation of Australia
- Council on the Ageing (COTA) NSW
- Department of Human Services - Ageing, Disability and Home Care (NSW Government)
- Department of Lands
- Department of Planning and Infrastructure
- Department of Veterans’ Affairs
- Disability Council of NSW
• GWA Kitchens and Bathrooms (Caroma)
• Housing Appeals Committee, NSW DFCS
• Housing NSW, Department of Families and Community Services
• Hunter and New England Area Health Service
• Institute of Strata Title Management
• Jewish Care (Vic)
• Landcom
• Lannock Strata Finance
• Local Government and Shires Association of NSW
• Macquarie Bank
• Main Library, UNSW
• Major Cities Unit, Department of Infrastructure and Transport, Australian Government
• National Heart Foundation
• Office of the Register for Community Housing, NSW DFCS
• NSW Department of Health
• NSW Department of Planning and Infrastructure
• NSW Fair Trading
• NSW Federation of Housing Associations
• NSW Land and Property Information
• NSW Premier’s Council for Active Living
• NSW Transport and Infrastructure
• Owners Corporation Network of Australia Ltd.
• Planning Institute of Australia
• PowerHousing Australia
• Real Estate Institute of NSW
• Scope Access
• Shelter NSW
• Strata Community Australia (NSW)
• Sydney South West Area Health Service
• The Council of Social Service of New South Wales (NCOSS)
• The Disability Policy & Research Working Group (DPRWG) The Home Modification and Maintenance State Council
• The Independent Living Centre of NSW
• The Physical Disability Council of NSW Inc (PDCN)
• The Productivity Commission- Home Modifications Program review
• Tenants Union of NSW
• Yooralla
PERFORMANCE AGAINST TARGETS
PERFORMANCE AGAINST TARGETS

The following table sets out the Centre’s performance against financial and other performance targets that were considered achievable under projected staffing and capacity.

<table>
<thead>
<tr>
<th>Performance Targets</th>
<th>2011 Target</th>
<th>2011 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Research income</td>
<td>$2,330,000</td>
<td>$1,839,806</td>
</tr>
<tr>
<td>Total projects completed in year</td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td>No. of publications eligible for HERDC</td>
<td>35</td>
<td>39</td>
</tr>
<tr>
<td>No. of industry partner based projects</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>No. of media references/mentions</td>
<td>50</td>
<td>34</td>
</tr>
<tr>
<td>No of Australasian conference presentations</td>
<td>25</td>
<td>30</td>
</tr>
<tr>
<td>No of International conference presentations</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>No. of community/practice presentations</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Post-graduate students (actual)</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>Post-graduate completions (cumulative)</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>Associate Faculty staff</td>
<td>10</td>
<td>8</td>
</tr>
</tbody>
</table>

The Centre’s performance over the past five years is shown in the following table:

<table>
<thead>
<tr>
<th>Non-Financial Targets</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Research income</td>
<td>$0.708m</td>
<td>$0.658m</td>
<td>$1.197m</td>
<td>$1.282m</td>
<td>$1.974m</td>
<td>$1.840m</td>
</tr>
<tr>
<td>Total projects completed in year</td>
<td>6</td>
<td>6</td>
<td>14</td>
<td>8</td>
<td>12</td>
<td>9</td>
</tr>
<tr>
<td>No. of publications eligible for HERDC</td>
<td>5</td>
<td>16</td>
<td>18</td>
<td>30</td>
<td>41</td>
<td>40</td>
</tr>
<tr>
<td>No. of industry partner based projects</td>
<td>6</td>
<td>7</td>
<td>6</td>
<td>11</td>
<td>11</td>
<td>6</td>
</tr>
<tr>
<td>No. of media references/mentions</td>
<td>35</td>
<td>44</td>
<td>52</td>
<td>36</td>
<td>61</td>
<td>34</td>
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<tr>
<td>No of Australasian conference presentations</td>
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<td>25</td>
<td>11</td>
<td>20</td>
<td>24</td>
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<tr>
<td>No of International conference presentations</td>
<td>5</td>
<td>2</td>
<td>7</td>
<td>6</td>
<td>10</td>
<td>13</td>
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<tr>
<td>No. of community/practice presentations</td>
<td>12</td>
<td>17</td>
<td>31</td>
<td>31</td>
<td>24</td>
<td>15</td>
</tr>
<tr>
<td>Post-graduate students (actual)</td>
<td>6</td>
<td>10</td>
<td>16</td>
<td>16</td>
<td>25</td>
<td>25</td>
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<tr>
<td>Post-graduate completions (cumulative)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>4</td>
<td>7</td>
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<tr>
<td>Associate Faculty staff</td>
<td>11</td>
<td>9</td>
<td>7</td>
<td>6</td>
<td>9</td>
<td>8</td>
</tr>
</tbody>
</table>
CITY FUTURES WEBSITE

Visits and page views to City Futures Research Centre’s website are monitored through Google Analytics.

Healthy Built Environments Program’s website is part of the City Futures site and the number of unique visitors and page views are included in City Futures figures in the table below.

A total of 18,137 visitors viewed www.cityfutures.net.au in 2011.

<table>
<thead>
<tr>
<th>Month</th>
<th>Page views</th>
<th>Unique visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>2,994</td>
<td>932</td>
</tr>
<tr>
<td>February</td>
<td>3,134</td>
<td>892</td>
</tr>
<tr>
<td>March</td>
<td>4,873</td>
<td>1,430</td>
</tr>
<tr>
<td>April</td>
<td>3,881</td>
<td>1,232</td>
</tr>
<tr>
<td>May</td>
<td>5,594</td>
<td>2,160</td>
</tr>
<tr>
<td>June</td>
<td>4,412</td>
<td>1,665</td>
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<tr>
<td>July</td>
<td>6,386</td>
<td>1,689</td>
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<tr>
<td>August</td>
<td>7,045</td>
<td>2,142</td>
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<tr>
<td>September</td>
<td>4,902</td>
<td>1,411</td>
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<tr>
<td>October</td>
<td>4,961</td>
<td>1,478</td>
</tr>
<tr>
<td>November</td>
<td>6,495</td>
<td>1,839</td>
</tr>
<tr>
<td>December</td>
<td>4,194</td>
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Top visiting countries/territories:

<table>
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<td>New Zealand</td>
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<tr>
<td>China</td>
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<td>Malaysia</td>
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<td>Iran</td>
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<td>Indonesia</td>
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<td>Germany</td>
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The most frequently viewed project web pages were:

<table>
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<td>ARC LP989373 – Governing the Compact City: The Role and Effectiveness of</td>
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<tr>
<td>ARC DP0773388 – The Demand for Higher Density Housing in Sydney and Melbourne</td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/higherdensity/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/higherdensity/</a></td>
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<tr>
<td>ARC LP0562419 – Planning for Socially Sustainable Urban Renewal in Suburban Sydney</td>
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<td>292</td>
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<tr>
<td>ARC LP100100804 - Planning and Building Healthy Communities: A multidisciplinary longitudinal study of the relationship between the built environment and human health</td>
<td>236</td>
<td>186</td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/healthycommunities/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/healthycommunities/</a></td>
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<tr>
<td>Living Well in Greater Density (Research project funded by Shelter NSW)</td>
<td>204</td>
<td>177</td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/shelter/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/shelter/</a></td>
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<tr>
<td>Thermal Impact of the Designed Environment on the Urban Heat Island</td>
<td>111</td>
<td>82</td>
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<tr>
<td>(Research project funded by HASSELL (Sydney)) <a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/managingmajorrepairs/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/managingmajorrepairs/</a></td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/urbanit/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/urbanit/</a></td>
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<tr>
<td>ARC DP0986122 -The Drivers and Outcomes for Re-Investment in Low Density Suburban Housing Markets</td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/knockdownrebuild/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/knockdownrebuild/</a></td>
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<tr>
<td>Building Stronger Communities Final Evaluation (Research project funded by Housing NSW)</td>
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<td><a href="http://www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/BCSC_final/">www.fbe.unsw.edu.au/cf/research/cityfuturesprojects/BCSC_final/</a></td>
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Five of City Futures Research Centre’s AHURI Project Research Reports were listed on AHURI’s top 20 most downloaded report list in 2011 downloaded from (http://www.ahuri.edu.au)

<table>
<thead>
<tr>
<th>Report</th>
<th>Downloads</th>
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<tbody>
<tr>
<td>Positioning Paper: No. 137: Pathways and choice in a diversifying social housing system</td>
<td>200</td>
</tr>
<tr>
<td>Final Report: No. 163: Partnership working in the design and delivery of housing policy and programs</td>
<td>197</td>
</tr>
<tr>
<td>Final Report: No. 161: Stakeholder views of the regulation of affordable housing providers in Australia</td>
<td>165</td>
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<tr>
<td>Research &amp; Policy Bulletin Issue 141: Stakeholder perspectives on the regulation of affordable housing providers</td>
<td>140</td>
</tr>
<tr>
<td>Research &amp; Policy Bulletin Issue 136: Reverse mortgages and older people</td>
<td>137</td>
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</table>

HEALTHY BUILT ENVIRONMENTS PROGRAM

http://www.fbe.unsw.edu.au/cf/HBEP/

- 1,395 Page views
- 1,159 Unique views
HOME MODIFICATION INFORMATION CLEARINGHOUSE’S WEBSITE

The Home Modification Information Clearinghouse maintains a separate external website for Co-Director, Healthy Built Environments Program: www.homemods.info/

The website is required as part of its funding agreement with the Home and Community Care program contract to deliver an online information service.

<table>
<thead>
<tr>
<th>Month</th>
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<th>Unique visitors</th>
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<tbody>
<tr>
<td>January</td>
<td>7,524</td>
<td>1,986</td>
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<tr>
<td>February</td>
<td>7,528</td>
<td>2,267</td>
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<tr>
<td>March</td>
<td>9,101</td>
<td>3,039</td>
</tr>
<tr>
<td>April</td>
<td>9,319</td>
<td>2,945</td>
</tr>
<tr>
<td>May</td>
<td>10,885</td>
<td>3,528</td>
</tr>
<tr>
<td>June</td>
<td>7,662</td>
<td>2,774</td>
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<tr>
<td>July</td>
<td>7,580</td>
<td>2,452</td>
</tr>
<tr>
<td>August</td>
<td>9,354</td>
<td>2,469</td>
</tr>
<tr>
<td>September</td>
<td>8,442</td>
<td>2,489</td>
</tr>
<tr>
<td>October</td>
<td>8,317</td>
<td>2,597</td>
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<tr>
<td>November</td>
<td>10,060</td>
<td>2,562</td>
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<tr>
<td>December</td>
<td>9,202</td>
<td>1,894</td>
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<tr>
<td>Average</td>
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<td>2,584</td>
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32,372 visits came from 154 countries/territories:

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<tr>
<td>United States</td>
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<tr>
<td>United Kingdom</td>
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<tr>
<td>Canada</td>
<td>812</td>
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<tr>
<td>India</td>
<td>537</td>
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<tr>
<td>New Zealand</td>
<td>409</td>
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<tr>
<td>Singapore</td>
<td>247</td>
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<tr>
<td>Taiwan</td>
<td>225</td>
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<tr>
<td>Ireland</td>
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<td>Philippines</td>
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### Top 5 Publications Downloaded:

<table>
<thead>
<tr>
<th>Title &amp; link</th>
<th>No of Visits</th>
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</thead>
<tbody>
<tr>
<td>Consumer Factsheet: - Arranging Home Modifications</td>
<td>7,131</td>
</tr>
<tr>
<td>Home Smoke Alarms: Hard Wired and Battery-Powered Systems - SUMMARY BULLETIN</td>
<td>3,375</td>
</tr>
<tr>
<td>Dementia Design Guidelines: Home and Community Care Capital Works Program (2nd Edition)</td>
<td>2,956</td>
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<tr>
<td>Industry Factsheet: Designing home environments for people with problems with cognition who display aggressive or self-injurious behaviour</td>
<td>2,404</td>
</tr>
<tr>
<td>Stairs - A Summary Bulletin</td>
<td>2,392</td>
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</table>
DESCRIPTION OF RESEARCH PROJECTS IN PROGRESS OR COMPLETED IN 2011
DESCRIPTION OF RESEARCH PROJECTS IN PROGRESS OR COMPLETED IN 2011

CITY FUTURES - PROJECTS COMPLETED DURING 2011

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Funded by</th>
<th>Start</th>
<th>Total Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHURI Project 70569: Service integration and indigenous housing</td>
<td>AHURI</td>
<td>2009</td>
<td>$177,760</td>
</tr>
<tr>
<td>AHURI Project 40559: Regulatory Frameworks and Their Utility for the Not for Profit Housing Sector</td>
<td>AHURI</td>
<td>2009</td>
<td>$32,559</td>
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<tr>
<td>AHURI Project 50565: Secure Occupancy in Rental Housing: A Comparative Analysis</td>
<td>AHURI</td>
<td>2009</td>
<td>$48,909</td>
</tr>
<tr>
<td>AHURI Project 70588: Partnership working in the design and delivery of housing</td>
<td>AHURI</td>
<td>2009</td>
<td>$72,705</td>
</tr>
<tr>
<td>ARC Discovery Grant DP0773267 Mapping the Policy Advisory Capacity of the Australian Federal Government: Assessing Transformations in the Policy Advising Role of the Australian Public Service</td>
<td>ARC/Griffith University</td>
<td>2011</td>
<td>In kind</td>
</tr>
</tbody>
</table>

AHURI Project 70569: Service Integration and Indigenous Housing

This AHURI-funded research investigated how social housing services are being provided to Indigenous clients in urban and regional settings. The Final Report of the project was published in August 2011.

The study sought to understand appropriate models of service provision in social housing for Indigenous Australians and in particular the respective roles and connexions between mainstream and specialised housing agencies in urbanised settings. The study was based on a workshop with Indigenous housing workers from five jurisdictions and case studies involving interviews and focus groups with community leaders across sites in Dubbo (NSW), Townsville (Qld) and Dandenong (Vic). The research suggested that service delivery approaches that are more likely to be successful for Indigenous clients involved face-to-face and personalised communication, flexible interpretation of policy, investment in relationship building and understanding of local cultural norms and lifestyles.

These were at odds with current trends in mainstream service delivery that emphasise depersonalised (e.g. electronic) means of communication, reduced autonomy for front-line staff and standardisation of policies. It found there were particular problems faced by Indigenous people including inappropriate housing allocations, rent setting policies that were complex and confusing, and instances where objectives of policies appeared to be contradictory. The social housing system was not responsive to Indigenous peoples’ cultural needs such as accommodating long stay visitors.

Effective policy responses will require giving Indigenous communities a stronger voice in policy formulation and service planning. However, there was need to explore 'intercultural' approaches that involved both Indigenous and non-Indigenous organisations, use of adaptive policies and localised capacity.

This may involve strengthening Indigenous run services, employing more indigenous staff in leadership roles within the mainstream service system, clarifying outcomes sought for Indigenous clients (e.g. around successful tenancies) and
strengthening accountability frameworks for both mainstream and indigenous run service providers.

The project was undertaken collaboratively by the UNSW/UWS AHURI Research Centre and the AHURI Queensland Research Centre, University of Queensland. Chief investigator for the project was Associate Prof Vivienne Milligan. Other City Futures research staff who contributed to the project was Dr Hazel Easthope Dr Edgar Liu. Expert advice and support for the conduct of the research was provided by Indigenous researchers at both institutions.

For more information regarding this project, please visit AHURI's project website: http://www.ahuri.edu.au/publications/projects/p70569

AHURI Project 40559: Regulatory Frameworks and Their Utility for the not-for-profit Housing Sector

Drawing on international literature on regulation and housing studies and interviews with regulators, providers, investors and organisations representing tenants' interests, this study reviewed the strengths and weaknesses of regulation as a policy instrument for supporting the expansion of the not-for-profit sector in Australian housing.

Four purposes of regulation were identified:

- to make providers accountable when receiving public funding or public assets
- to reduce the risks of business failure
- to establish confidence from investors
- to protect tenants.

The analysis of stakeholder views found that

- Stakeholders such as regulators, providers, investors and non-government organisations representing tenants' interests understand these purposes differently.
- Some providers are concerned about administrative burdens, or perceive the work involved as ritualistic, whereas regulators believe their reporting requirements are necessary to reduce risks.
- It has been difficult persuading providers that regulation is independent, given the co-location of some regulators in State Housing Authorities. This might be assisted by creation of a national regulatory framework, but there have been political and practical difficulties in attempts so far to establish such a framework.
- The experience in England and the Netherlands (where not for profit housing providers are well established) suggests that it will not be easy to establish and maintain a balance between the interests of different stakeholders. These tensions already exist in embryonic form in Australia.

The study concluded that there should be regular reviews of regulatory arrangements built into national and state legislation to identify and manage possible stakeholder conflicts, and address concerns about administrative burdens.

The project was led by Dr Max Travers (University of Tasmania). Research staff from City Futures who assisted with the project by conducting local fieldwork and contributing to its research outputs were Dr Tony Gilmour (during 2009/10), Associate Prof Vivienne Milligan and Prof Bill Randolph. Contributions to the research were also made by Rhonda Phillips (University of Queensland) and international researchers. For publications of this project, please go to:

AHURI Project 50565: Secure Occupancy in Rental Housing: a Comparative Analysis

This project sought to review and assess international models for providing periods of secure occupancy for households who rent their housing, in particular lower-income and vulnerable households.

Secure occupancy in this study has been conceptualised as the capacity of households to:

- participate effectively in rental markets;
- access and remain in adequate, affordable and appropriate housing with protection of their rights as consumers and citizens;
- receive financial and non-financial support from governments or other social service agencies if and when necessary to obtain and/or sustain a tenancy; and
- exercise a degree of control over their housing circumstances and be able to make a home, to the extent that they wish to do this.

The international case studies for this research were contributed by leading international housing researchers following a common template, which was designed by the research team in consultation with researchers at the Research Institute for the Built Environment, Delft University of Technology, The Netherlands. The case study method elicited a comprehensive account of the framework for secure occupancy in each jurisdiction and enabled exploration of innovative policies and programs in the rental sector that may have applicability to Australia.

Australia appears to have the weakest provisions for secure occupancy in the private rental sector of any of the nine jurisdictions studied. Provisions for secure occupancy are stronger where rental systems are larger and more integrated, as in Germany, The Netherlands and Austria. In these countries, secure occupancy is supported by past and present policy, including supply subsidies, housing allowances, and strong regulation of residential tenancies.

A major implication of the research findings is a need to think broadly and systematically about the role of the rental sector in Australia. Policy settings should foster a more integrated rental sector in which there is a range of investment/ownership/management options within a policy and regulatory framework that promotes more choices for households who rely on renting. There is also a need for better coordination of the governance, policy, subsidy and legal framework for the Australian rental system than is currently the case.

This research project was led by Associate Professor Kath Hulse at Swinburne University working in collaboration with Associate Professor Vivienne Milligan and Dr Hazel Easthope from City Futures. The project commenced in 2009 and the final report was published in July 2011. Research undertaken via this study will be showcased in a special issue of the internationally respected journal, Housing Studies for online publication in 2013.

For more information regarding this project, go to

AHURI Project 70588: Partnership Working in the Design and Delivery of Housing Policy and Programs

This project examines opportunities and challenges for partnership approaches in the context of housing and urban policy. The research draws upon interviews with over 40 experts, practitioners and policy-makers who have detailed insight into partnership working practices, from a wide range of perspectives. A particular focus has been on partnership working in urban renewal projects and development of affordable housing. Key themes addressed in the study are: First, the impact of place and community in shaping the scope and nature of partnership working; Second, the complexity of housing (and particularly mixed-tenure housing) as an asset class; Third, the challenge of balancing certainty with flexibility in structured arrangements given the changing policy and housing market contexts within which partnerships operate; and, fourth, the risks associated with increased interdependencies between public, private and not-for-profit sectors.

The project’s final report is available online:

ARC Discovery Grant DP0773267 Mapping the Policy Advisory Capacity of the Australian Federal Government: Assessing Transformations in the Policy Advising Role of the Australian Public Service

This research was led by Prof John Wanna from the ANU, and Prof Patrick Weller and Associate Prof Anne Tiernan from Griffith University. Associate Prof Vivienne Milligan from City Futures was invited to join the research team to contribute a sectoral study on housing policy capacity in collaboration with Associate Prof Tiernan.

The sectoral study used stakeholder interviews, document analysis and a case study to assess the capacity of the Commonwealth’s advisory function in housing. It found that policy capacity with regard to housing policy development and implementation has been erratic and patchy. Housing advice has increasingly tended to be narrowly defined as a welfare initiative, thereby limiting its conception and excluding other important questions and problems involved with housing as a policy domain. This has meant that the Commonwealth has at times lacked the detailed knowledge and understanding of housing issues when it has been called upon to deliver various programs, such as after the 2007 election when housing policy was given a high priority by the incoming government. Based on their findings the researchers argued that the Commonwealth needs to adopt a more strategic housing policy that addresses longer term needs as well as the economic, social and environmental consequences of its housing policy.

The outcome of the research was published in a special issue of the Australian Journal of Public Administration (AJPA) in December 2011.

## CITY FUTURES - PROJECTS ONGOING AT END OF 2011

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Funded by</th>
<th>Start</th>
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<tr>
<td>ARC DP0986122: The Drivers and Outcomes of Re-Investments in Low Density Suburban Housing Markets</td>
<td>ARC</td>
<td>2009</td>
<td>$273,000</td>
</tr>
<tr>
<td>ARC LP0989373: Governing the Compact City</td>
<td>ARC</td>
<td>2010</td>
<td>$266,000</td>
</tr>
<tr>
<td>ARC LP0990075: Implementing Metro Planning Strategies</td>
<td>ARC</td>
<td>2010</td>
<td>$296,000</td>
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<tr>
<td>ARC LP110100462: Understanding ‘Encounter’ as a Dimension of Social Inclusion for People with Intellectual Disability</td>
<td>ARC (via La Trobe University)</td>
<td>2011</td>
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<td>AHURI Project 70615: Pathways and Choice in a Diversifying Social and Affordable Housing System</td>
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<td>AHURI Project 70617: How Sustainable are Australia’s Contemporary Affordable Housing Projects?</td>
<td>AHURI</td>
<td>2010</td>
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<td>AHURI Project 70639: Community Land Trusts and Indigenous Housing Outcomes System</td>
<td>AHURI</td>
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<td>AHURI MYRP704: Addressing Spatial Concentrations of Social Disadvantage</td>
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<td>AHURI 30652: Housing Supply - a Suitable Instrument to Channel Investment towards Affordable Housing in Australia (funded via RMIT)</td>
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<td>AHURI Project 70687: Downsizing amongst Older Australians</td>
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<td>AHURI Project 70691: Affordable Housing, Urban Renewal, and Planning: Emerging Practice in NSW, South Australia and Queensland</td>
<td>AHURI</td>
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<td>Building Stronger Communities - Final Evaluation</td>
<td>Housing NSW</td>
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<td>NSW Housing Market Quarterly Bulletin</td>
<td>Real Estate Institute of NSW</td>
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### Understanding People Based Outcomes:

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<td>Following a Community Experience Transition through Renewal</td>
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<td>Waterloo Green Neighbourhood Evaluation</td>
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### ARC DP0986122: The Drivers and Outcomes of Re-Investments in Low Density Suburban Housing Markets

This two-year research project, commenced in July 2009, explored the process of reinvestment in lower density housing which has become a significant factor in the incremental renewal of these areas with implications for their socio-economic stability as well as their adaptation to improved environmental standards. Using both quantitative and qualitative research methods and Sydney as an exemplar, the project studied the rate and scale of renewal and the drivers of this process from both the supply and demand side of the market.

The study was based on analysis of Development Applications at local councils and census data, to assess the magnitude and the geography of knockdown-rebuild and major renovations activity in Sydney, and its correlation with various socio-economic and land value factors. In addition, a survey to close to 7000 properties in which knockdown-rebuild has taken place in the last 5 years, and over 40 in-depth face-to-face interviews with residents, planners and builders in the knockdown-rebuild industry has provided a deeper understanding of the drivers of demand and supply for this activity, as well as its environmental and social impacts.

For more information regarding this project, please visit the project website: [http://www.be.unsw.edu.au/urban-planning-and-policy/projects/drivers-and-outcomes-re-investment-low-density-suburban-housing](http://www.be.unsw.edu.au/urban-planning-and-policy/projects/drivers-and-outcomes-re-investment-low-density-suburban-housing)
ARC LP0989373: Governing the Compact City

This research project, supported by the NSW strata industry and the NSW State and Federal governments, is charting the key issues facing the governance and management of strata buildings. The research is being undertaken by the High Density City team at the City Futures Research Centre. The project is the first major study of the strata sector undertaken in Australia.

The research has three main aims:

1. To explore the role, capacity and effectiveness of owners’ corporations as agencies of property governance and management.
2. To explore the capacity and effectiveness of strata managers.
3. To assess how well residential strata works from strata owners’ points of view.

The project, which focuses on NSW, will deliver systematic information about the operation of the strata system. The findings will assist residents, owners and those involved in strata management and policy development to better understand the nature and scale of issues facing the strata sector and its capacity to self-manage these issues. It will provide an informed evidence base to support improved best practice and policy development across the sector. While it focuses on NSW, the results will inform policy and practice in the strata sector across Australia.

The research is being undertaken by the City Futures Research Centre in partnership with:

- The Institute of Strata Title Management
- The Owners Corporation Network
- Lannock Strata Finance
- Macquarie Bank
- NSW Land and Property Management Authority
- NSW Fair Trading

Funding and support to carry out this project has been received from our partners and from the National Competitive Grants Program run by the Federal Governments’ Australian Research Council.
As part of this research, we will be conducting surveys and interviews with:

- Members of executive committees of strata schemes across NSW
- Strata managing agents across NSW
- Owners

For more information regarding this project, please visit the project website:


ARC LP0990075: Implementing Metropolitan Planning Strategies

The project is a three-year research program working with the NSW Department of Planning and Infrastructure and state development agency Landcom. The overarching aim of the project is to develop a suite of practically applicable methods to enable 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 are to be understood and worked with. The project commenced in January 2010 with the initial stages of the research incorporating a synthesis of existing research that the partners had commissioned in the previous 5 years. The synthesis was a necessary stage of the linkage for two core reasons; the first was to articulate the supply side language of the existing materials with a more explicit emphasis on the role of local demand, the second was to introduce some of the key concepts behind the chosen methodological approaches to be taken forward in the next stages of the research. These methodological approaches are being developed by the project’s APA(I) PhD candidate and focus on the profiling of local submarket functionality with an explicit emphasis on patterns of inter and intra regional migration.

For more information regarding this project, please visit the project website:

ARC LP110100462: Understanding 'Encounter' as a Dimension of Social Inclusion for People with Intellectual Disability

This two-year research project, commenced in July 2009, explored the process of reinvestment in lower density housing which has become a significant factor in the incremental renewal of these areas with implications for their socio-economic stability as well as their adaptation to improved environmental standards. Using both quantitative and qualitative research methods and Sydney as an exemplar, the project studied the rate and scale of renewal and the drivers of this process from both the supply and demand side of the market.

The study was based on analysis of Development Applications at local councils and census data, to assess the magnitude and the geography of knockdown-rebuild and major renovations activity in Sydney, and its correlation with various socio-economic and land value factors. In addition, a survey to close to 7000 properties in which knockdown-rebuild has taken place in the last 5 years, and over 40 in-depth face-to-face interviews with residents, planners and builders in the knockdown-rebuild industry has provided a deeper understanding of the drivers of demand and supply for this activity, as well as its environmental and social impacts.

For more information regarding this project, please visit the project website:
AHURI Project 70617: How Sustainable are Australia’s Contemporary Affordable Housing Projects?

This study offers new ways to conceptualise and measure the sustainability of affordable housing projects in Australia and their financial, environmental and social outcomes. This is the first Australian study to address expectations to achieve sustainability in all three domains, where some trade-offs appear inevitable. Unlike earlier work, the lens of analysis in the current study was at project level. This fills a gap in the Australian literature by analysing the detailed finances and sustainability outcomes of recent projects. Research of this type will be of practical benefit to affordable housing providers who can learn from best practice. In addition, policy makers will be able to contrast financial, environmental and social sustainability outcomes achieved with different forms and levels of public support. The study used mixed research methods including data collection via templates, semi structured interviews with executive staff and stakeholders of not-for-profit developers, expert assessment and tenant focus groups. Eight recent affordable housing projects were selected as case studies in three jurisdictions (Queensland, NSW and Victoria, allowing contrasts to be drawn across organisational and project types, and between different public sector approaches to sustainability.

For further information, please visit: http://www.be.unsw.edu.au/ahuriuswwsresearchprojects/projects/how-sustainable-are-australias-contemporary-affordable

AHURI Project 70639: Community Land Trusts and Indigenous Housing Options

Community Land Trusts (CLTs) are a model of community-based, perpetually affordable housing that has been operating in the United States for the past 30 years and more recently in the United Kingdom. CLTs are a mechanism for creating affordable home ownership that remains affordable across re-sales and inheritance, and establishes clear and ongoing relationships between homeowners and their community.

This research project is investigating the potential of CLT models to enhance tenure choices for Indigenous households in Australia, in the context of government aims to offer a way of providing home ownership that is both affordable and consistent with Indigenous aspirations. The project, which will be guided by ongoing input from Indigenous stakeholders, will involve examination of international evidence of use of CLTs and it will attempt to establish a replicable consultative methodology for assessing the feasibility and application of the model in a variety of local situations in urban, regional and remote areas of NSW and Queensland.

The research is being led by Dr Louise Crabtree at the University of Western Sydney working in collaboration with Prof Peter Phibbs (UWS) and Associate Prof Vivienne Milligan at City Futures, UNSW.

The project commenced in October 2010 and will be completed in 2012.

For more information regarding this project, go to http://www.ahuri.edu.au/publications/projects/p70639
AHURI MYRP704: Addressing Spatial Concentrations of Social Disadvantage

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.

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. Through extensive analysis of census and other secondary data, as well as primary fieldwork focusing on disadvantaged neighbourhoods in Brisbane, Melbourne and Sydney, this research project seeks to fill this gap.

For further information, please visit http://www.be.unsw.edu.au/ahuriresearchprojects/projects/addressing-concentrations-disadvantage
AHURI Project 70689: Understanding Leadership, Strategic Positioning and Decision Making in Third Sector Housing Organisations

In line with government commitments for the not-for-profit sector to comprise up to 35% of social housing by 2014, third sector organisations (TSOs) have an expanding role in the procurement and renewal of affordable housing in Australia. A series of recent policy and regulatory changes have sought to support the development of the sector, enabling TSOs to grow and diversify their businesses.

This project is concerned with how leaders of TSOs are responding to these changes and other external influences on their organisations. To measure this, the research uses a specialised methodology originally developed in the UK and since applied in the Netherlands. This methodology – based on the ‘Delphi’ model – combines a survey of panel members (typically TSO CEOs) with in-depth interviews that attempt to understand the drivers of converging viewpoints and elicit explanations for differences in viewpoints among panellists.

The project is being led by Associate Prof Vivienne Milligan at City Futures with the assistance of Dr Gethin Davison. The research team also includes senior academics at Swinburne University and University of Western Australia. Also contributing to the study is the UNSW Centre for Social Impact (CSI), Australia’s leading centre for third-sector research. The research team will also receive strategic guidance from international researchers working on parallel studies in the UK and the Netherlands, with a view to the development of joint academic outputs and international dissemination of findings.

Survey work commenced in October 2011 and the first results of the study will be published in 2012.

For more information regarding this project, go to http://www.ahuri.edu.au/publications/projects/p70689

AHURI Project 30652: Housing Supply Bonds: a Suitable Instrument to Channel Investment towards Affordable Housing in Australia?

This research project draws on international evidence, experts and financial modelling to explore the possibilities of utilising bond finance as a means of expanding affordable rental housing supply in Australia.

In particular, it is investigating the potential to adapt the Austrian Housing Construction Convertible Bonds scheme to Australia. In previous research to which City Futures contributed, the Austrian housing bonds scheme was found to be popular among risk averse investors; an efficient scheme for capturing household savings and investment and channelling these towards housing supply; cost effective for governments and reasonably robust in the face of recent dynamic investment conditions.

The research process also involves interviews with Australian investment industry leaders, housing providers and government officials. In September 2011, a workshop was held with decision makers and experts to develop an implementable proposal for the terms and conditions of a housing supply bond, and to consider the regulatory and institutional requirements that would be needed to make a bond work in Australia.

The research is being led by Dr Julie Lawson at RMIT University working in collaboration with Associate Prof Vivienne Milligan at City Futures, UNSW and Associate Prof Judith Yates (University of Sydney). The project commenced in February 2011 and will be completed in 2012.

For more information regarding this project, go to http://www.ahuri.edu.au/publications/projects/p30652
AHURI Project 70691: Affordable Housing, Urban Renewal, and Planning: Emerging Practice in NSW, South Australia and Queensland

Australia’s policy landscape for affordable housing development has changed substantially in the past few years. Consistent with the wider umbrella of the National Affordable Housing Agreement (NAHA) and COAG’s housing reform agenda, several jurisdictions are pursuing new approaches to affordable housing inclusion through their planning systems, with a particular emphasis on urban renewal sites.

This project reviews and compares emerging approaches to planning for affordable housing in urban renewal contexts in Brisbane, Adelaide and Sydney. It examines the factors that shaped the design and introduction of these approaches, evidence on their effectiveness to date, their level of integration with other available affordable housing policies, incentives and subsidies, and the potential for them to be made more effective.

- Specifically, the research will address the following questions:
  - What is the current state of Australian practice in planning for affordable housing inclusion within urban renewal contexts?
  - What factors impact on the translation of planning led incentives that have been used to generate secure and sustained affordable housing supply within renewal areas of Brisbane, Adelaide and Sydney?
  - What is the relative effectiveness of these various approaches to planning for affordable housing?
  - How do these approaches integrate with other Commonwealth, State, or local investments or subsidies for affordable housing and how might they do this better?
  - What are the policy implications in terms of more effective outcomes through better integration of planning and housing policy in urban renewal contexts and more widely?

For more information regarding this project, go to

AHURI Project 70687: Downsizing amongst Older Australians

Given the rapidly ageing Australian population and the need to ensure appropriate and affordable housing, this project investigates the phenomenon of downsizing amongst older people in Australia, a hitherto largely under-researched aspect of ageing and housing. A broad definition of downsizing is adopted including not only reduction in no of bedrooms or floor area, but also the size and difficulty of maintaining outdoor space and reductions in housing costs (down pricing). It aims 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 involves 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 (3293 responses), 60 face to face in-depth interviews in three states (NSW, Victoria and SA) and policy forums 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. The project commenced in April 2011 and is due to be completed by December 2012.

More information is at:
http://www.be.unsw.edu.au/ahuriunsw-uwsresearchprojects/projects/downsizing-amongst-older-australians

Building Stronger Communities - Final Evaluation

Funded by: Housing NSW

Building Stronger Communities represents a $66 million investment by Housing NSW to regenerate 18 public housing estates across NSW. The initiative commenced in early 2007, with the baseline study (also conducted by City Futures) completed in early 2009.

In early 2011, Housing NSW commissioned City Futures (with assistance from UNSW’s Social Policy Research Centre) to conduct a final evaluation of Building Stronger Communities, with the view of the initiative winding up in all 18 estates in mid- to late 2011. Much like the baseline study, the final evaluation comprised a telephone survey, stakeholder and executive interviews, and with the additional of focus groups with local residents. Fieldwork was completed between August and September 2011. In all, more than 1300 resident surveys were completed, with 50 participated in the resident focus groups; 73 stakeholders and Housing NSW executives were also interviewed. A final report was submitted to Housing NSW in April 2012.

More information is at:
NSW Housing Market Quarterly Bulletin

Funded by: Real Estate Institute of NSW

This project involves City Futures working in partnership with the Real Estate Institute of New South Wales in the production of a quarterly housing market bulletin. Drawing on house sales data from the Office of the Valuer-General, as well as from REINSW member estate agents, the (subscriber only) bulletin provides a detailed breakdown of Sydney and regional NSW house prices at suburb/LGA level. An analysis of recent trends in the residential rental market is also included.

The bulletin also includes:

A descriptive commentary on housing market activity in the most recent quarter, highlighting the most notable statistics and trends – drafted with a view to providing angles potentially of interest to property journalists

An analytical commentary on housing market trends and possible contributory factors (e.g. recent land use planning decisions, policy directions, demographic and economic trends)

A ‘market conditions and analysis’ section featuring a regular set of relevant economic, demographic and financial indicators to include a similar range of issues covered in the REIV publication.

More information is at:
Understanding People Based Outcomes: Following a Community Experience Transition through Renewal

Funded by: Newleaf Communities / Housing NSW

City Futures was commissioned by Newleaf Communities to conduct a longitudinal panel study with current and former residents of the western Sydney suburb Bonnyrigg to understand the short- and long-term impacts the suburb’s wider redevelopment has on the community. Much like the public-private partnership approach taken to redevelop the suburb of Bonnyrigg, this longitudinal panel study will also be the first of its kind in Australia, tracking residents through the redevelopment of Bonnyrigg, learning their experiences of relocating, and understanding how the redevelopment has impacted on the dynamics of the community. By May 2012, the redevelopment of Stages 1 and 2 has been completed, with residents in Stages 3 to 5 also temporarily relocated.

The research team spent much of 2011 and the early parts of 2012 recruiting potential participants, and to date more than 150 former and current residents - comprised of both social housing tenants, private homeowners and private tenants, residents who have moved into new homes, who have been temporarily relocated, or have decided to leave Bonnyrigg permanently - have signed up to participate. The first round of interviews commenced at the end of April 2012 and will continue for the remainder of the year. As part of the longitudinal study, these participants will be reinterviewed every 2-3 years, providing further evidence on the longer-term impacts a neighbourhood redevelopment has on its local community.

For more information regarding this project, please visit project website: http://www.be.unsw.edu.au/otherhousingresearchprojects/projects/understanding-people-based-outcomes-following-community

Waterloo Green Neighbourhood Evaluation

Funded by: Housing NSW

Waterloo Green is part of a large concentration of public housing in the wider Redfern area. The estate has seen many of the problems common to high density public housing elsewhere in Australia and in other countries. As well as having experienced historic under-investment in maintaining the physical fabric, the estate has been affected by the growing residualisation of public housing and the growing concentration of poverty and worklessness in the sector. Associated with these problems, the estate has been subject to abnormal levels of crime, vandalism and insecurity impacting on the lettability of vacant flats and the ‘churn’ of the resident population.

This study is an evaluation of the Housing NSW Waterloo Green Neighbourhood Project (WGNP), an estate management initiative which seeks to improve residents’ quality of life mainly via security improvements and an intensified local management presence. As such, it involves initial investment in security and other environmental works, with an ongoing commitment to relatively intensive housing management and security services. More unusually, the project requires that contractors employ local social housing residents as trainees to gain experience as ‘front desk’ staff, as security operatives and as maintenance workers.

The fieldwork involves:

1. a series of in-depth interviews with a wide range of Housing NSW staff and other stakeholders
2. focus group meetings with HNSW tenants
3. analysis of secondary data to probe the initiative’s impact on housing management performance and efficiency, as well as the incidence of crime and antisocial behaviour.
For more information regarding this project, please visit the project website http://www.be.unsw.edu.au/otherhousingresearchprojects/projects/waterloo-green-neighbourhood-project-evaluation

Research and Advisory Services for 2010-2011

Funded by: Housing NSW

This annual agreement, commencing in 2011, builds upon the strong relationship developed between Housing NSW and City Futures Research Centre in recent years. The agreement has been set up to provide a flexible framework with a series of aims: (1) to provide on-going research and expert input into policy development, including attendance at meetings and workshops, the development of documentation, and presenting outcomes; (2) to offer a series of research and policy briefings to other government and key stakeholder agencies; and (3) to scope new research proposals to leverage additional funding in support of HNSW policy development and evaluation.
HEALTHY BUILT ENVIRONMENTS PROGRAM - PROJECTS COMPLETED DURING 2011

<table>
<thead>
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<th>Project Name</th>
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<td>AHURI</td>
<td>2010</td>
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AHURI 70619: The Impacts of Housing on Health

There is growing national and international interest on the link between the built environment and health, including a concern that western societies have constructed urban environments fundamentally unhealthy for their inhabitants. It is necessary to mark out the housing part of this built environment area by undertaking robust research that investigates the link between housing and health. However, this is such a large area of research it is considered essential that a scoping study be undertaken to identify the current level of knowledge and major research gaps, prioritize these, and design a small number of research projects to explore the highest priority research gaps. This study uses an Investigative Panel comprising leading researchers, public health and housing policy officials from across Australasia and New Zealand to do this.
HEALTHY BUILT ENVIRONMENTS PROGRAM - PROJECTS ONGOING AT END OF 2011

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ARC LP100100804: Planning and Building Healthy Communities: A Multidisciplinary Longitudinal Study of the Relationship Between the Built Environment and Human Health

This project examines how urban environments support health. Tracking residents’ behaviours over a long time, the study fills a gap in current knowledge about how urban environments manage and promote good health (a national research priority area). It will identify the design features, social interventions and locational qualities in selected sites which positively benefit human health. The research will describe the likely health outcomes for future Australians living in areas with similar characteristics. It will also strengthen multidisciplinary approaches and policy development in this area by bringing together a team from urban planning, development and health.

Major achievements in the ARC Linkage project for the year included:

- Recruitment of a full time Research Officer Ms Emily Mitchell
- Establishment of a management committee and regular meetings
- Development of a comprehensive ‘Healthy Neighbourhoods Audit’ Instrument which has been trialled on the various case study sites enabling further refinement of the audit instrument
- Substantial progress on a literature review for the project
- Engagement of BE PhD student Mr Ji Yu to provide GIS expertise, as well as assisting with data collection and mapping for the case study sites
- Engagement of Dr Roy Byun of the NSW Health partner to assist in undertaking audits for Victoria Park and Rouse Hill, as well as contributing health data for the project
- Engagement of project partners in site visits.
Healthy Built Environments Program
Funded by NSW Health

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. Increasingly the health sector is focusing on prevention and to be effective, health professionals need to work in collaboration with other professional 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 Program’s vision is that built environments will be planned, designed, developed and managed to promote and protect health for all people.

Healthy Built Environments Program Vision Statement

The Healthy Built Environments Program vision is that built environments will be planned, designed, developed and managed to promote and protect health for all people.

Healthy Built Environments Program Strategy

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 follows.

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 is advocating for closer links between health and the built environment. This advocacy involves government and non-government agencies, the private sector and the community. There has been an emphasis on education through scholarly publications disseminating the latest research, 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 Environments ‘Healthy Planning’ and 'Healthy Built Environments' courses. Doctoral research students are engaged in significant projects.

**Governance and Administrative Activities** underpin the three core strategies of the Healthy Built Environments Program.

**Healthy Built Environments Further Information**

Further information on the Healthy Built Environments Program can be obtained by visiting the Program’s website: [http://www.be.unsw.edu.au/programmes/healthy-built-environments-program/about](http://www.be.unsw.edu.au/programmes/healthy-built-environments-program/about)
ENABLING BUILT ENVIRONMENTS PROGRAM
PROJECTS COMPLETED DURING 2011

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<td>AHURI</td>
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<td>AHURI 70589: Age-Specific Housing Markets*</td>
<td>AHURI</td>
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AHURI 70636: Older Peoples Housing Policy

This project sought to pull together the current research knowledge needed to inform the development of a housing policy for an Ageing Australia. The project looked broadly at the existing Australian literature on ageing with emphasis in the interactions between housing policy and the pension and taxation systems, the role of age specific housing (as opposed to mainstream housing) and the impact of transitional events on older people’s lives.

Specific issues include (but are not limited to) the areas of assets and income, housing assistance, home ownership, formal and informal care provision, health and wellbeing, social inclusion, housing design, housing modification, physical locale, and dwelling and neighbourhood quality.

The key theme is those structures within the housing systems including finance, support services and tenure arrangements that enable households to access housing as their needs change over time.

AHURI 70589: Age-Specific Housing Markets

This research project seeks to better understand the nature of the age-specific housing market in Australia and what drives or does not encourage older people to seek age specific accommodation.

Our research aims were as follows: to acquire knowledge and understanding of the nature of the age-specific housing market in Australia; how providers perceive the age-specific housing market and what they view as incentives and disincentives to invest therein and how older people perceive age specific housing; and what drives or does not encourage older people to seek age specific accommodation. Our multi-method research design involved a literature review, a survey questionnaire and in-depth semi-structured interviews of residents, providers and key national and State policy players. The interviews and survey data provided detailed information requiring the needs and expectations of low-moderate income older persons and the age specific housing market.
Bathrooms and Older People: A Literature Synthesis to Underpin Design Innovation and Future Domestic Design Guidance

Funded by: Caroma Industries Limited

Objectives: As an explorative overview of the published research on bathroom design for older people, this research aims to incorporate research outcomes to establish more evidence-based planning of safer bathroom fixtures and bathroom environments. Importantly, this research highlights the need for building requirements in Australia which provide the design criteria for bathroom safety and the progressive adaptation of bathrooms over time to better align with any impairment of the user.

Design: This study has been completed through the use of a systematic literature review. A comprehensive list of potential sources for relevant publications was considered, including electronic databases, the Home Modification Information Clearinghouse library, and reference lists.

Summary & conclusion: A common theme in the literature emphasised that current bathroom environments often do not support the functional performance of older people and environmental adaptations for bathing have been underutilised among community-living older people. There was a broad consensus on bathroom planning for older people that supports independence, safety and adaptability. However, this research has identified a number of issues for further investigation. A lack of knowledge about bathing environments, uncertainty about the design preferences of older people, lack of basic human factors data, inadequately validated design guides and standards, and reports of design practice not based on empirical evidence were predominant features of bathroom design research.
ENABLING BUILT ENVIRONMENTS PROGRAM - PROJECTS ONGOING AT END OF 2011

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**Home Modification Information Clearinghouse, University of New South Wales, Recurrent research annual funding**

This project seeks to maintain the ongoing work of the HMICH by maintenance of the website, and of key research and administration positions. The objectives are to:

- Build information and knowledge capacity within the residential construction sector in order to improve standard home design and to provide evidence for the effectiveness of special features to better the living environments of aged and/or people with disabilities, and their carers.
- Integrate diverse knowledge and cross-disciplinary research.
- Develop a leading edge Home Modification Information Clearinghouse that will be accessible to the full range of industry and consumer target groups.
- Facilitate home and community care outcomes, focusing on home modification across NSW.
- Promote innovative housing models for older people and people with disabilities within the building and development industry.
- Develop Factsheets detailing best practice principles for assessment and the setting of priorities for the home modification services.
- Promote the benefits and products of home modification and adaptable housing to the broader community through mainstream media.
- Share information at International, National, State and Regional industry forums and liaise with peak regional providers and consumers.
- Ensure that there are effective links between home modification service providers and consumers.
Home Modification Information Clearinghouse, University of New South Wales, Non-recurrent research funding

This project covers the specific publications as defined by the funding agreement of that year.

- $85,000 was allocated to investigate the evidence based practice deliverable “Investigating bridging and earth berming as a level access solution.”
- $200,000 was allocated to “Research and develop approaches to post home modification follow up on the completion of minor modifications by allied health professional”.
- $132,311 was allocated to conduct a user appraisal of the contribution of environmental factors on the independence and well being of older people in three regional town centres. The aim of this study is to obtain a clear understanding of what aspects of the built environment are valued and function well for older persons and what features restrict their access and diminish their wellbeing.
SUSTAINABILITY AND CLIMATE CHANGE ADAPTATION
- PROJECTS ONGOING AT END OF 2011

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The Australian Climate Change Adaptation Research Network for Settlements and Infrastructure

Funded by: National Climate Change Adaptation Research Facility

The Australian Climate Change Adaptation Research Network for Settlements and Infrastructure is based in the School of Civil and Environmental Engineering, part of the National Climate Change Adaptation Research Facility hosted by Griffith University. The aim is to lead the research community in a national interdisciplinary effort to generate the information needed by decision-makers in government and in vulnerable sectors and communities to manage the risks of climate change impacts and choose appropriate adaptation strategies.

Prof Bill Randolph co-led the bid that brought the Network for Settlements and Infrastructure to UNSW in 2008. The Centre hosts the Built Environment Node of the Network and during 2011 Prof Michael Neuman took over the leadership of this Node from Dr. Peter Graham. The Built Environment Node focuses on the impacts of climate change on building and facility design and construction to explore the social, economic and institutional implications of climate change impacts, and the resulting implications for planning, design and management of Australian settlements and infrastructure.

Additionally, the group has two books in the works; one entitled Case Studies in Sustainable Urbanism, and the other tentatively titled Advances in the Theory and Methods of Sustainable Urbanism.

Prof Neuman was awarded the Best Article of the Year (2011) in Town Planning Review for his “Ildefons Cerda and the Future of Spatial Planning: The Network Urbanism of a Planning Pioneer”.

Redfern Waterloo Urban Design Studio combined research and learning, and engaged several CF staff as critics and advisors, including Bruce Judd, Simon Pinnegar and Gethin Davison. A video summarising the project is on http://www.youtube.com/watch?v=EGGvHdG8lbA&feature=related

The Node co-hosted a one-day conference in July of 2011 with the Sydney Coastal Councils Group, an organization of 14 coastal municipalities in the Sydney metro region, titled Building for Sustainability Forum, in which Professors Randolph, Weirick, and Neuman gave keynote presentations to open the day (www.sydneycoastalcouncils.com.au)

More information is at:
http://www.civeng.unsw.edu.au/research/research_centres_and_laboratories/australian_climate_change_adaptation_research_network_for_settlements_and_infrastructure_accarnsi/index.html
DISSEMINATION: PUBLICATIONS AND PRESENTATIONS
## DISSEMINATION: PUBLICATIONS AND PRESENTATIONS

### REFEREEED PUBLICATIONS

#### BOOKS


#### BOOK CHAPTERS


#### REFEREEED JOURNAL ARTICLES


**REFEREED REPORTS**


OTHER RELEVANT PUBLICATIONS


REFEREED CONFERENCE PRESENTATIONS


<table>
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<tr>
<td>Davison, G.</td>
<td>'The Role and Potential of Government Land Agencies in Facilitating and Delivering Urban Renewal'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Freeman, E., Thompson, S. &amp; Jalaludin, B.</td>
<td>'Healthy Built Environments: Stakeholder Engagement in Evidence Based Policy Making'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Judd, B.</td>
<td>'What Older People Want: Attitudes to Options for Improving Housing Efficiency and Liveability'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Judd, B., Liu, E. &amp; Easthope, H.</td>
<td>'Navigating a Complex Housing Landscape: University Students’ Housing Options, Pathways and Outcomes'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Kendall, H., Corkery, L. &amp; Thompson, S.</td>
<td>'Ageing in Place: Providing Supportive Environments for Older Men'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Kent, J. &amp; Thompson, S.</td>
<td>'Partners for Life: Fostering Interdisciplinary Relationships Between the Built Environment and Health'</td>
<td>State of Australian Cities Conference, Melbourne, 29 November – 2 December</td>
</tr>
<tr>
<td>Kim, H.Y. &amp; Neuman, M.</td>
<td>'Optimizing a High-Speed Rail Route using Sustainability Factors and GIS'</td>
<td>ACSP 52nd Annual Conference, Association of Collegiate Schools of Planning, Madison, Wisconsin USA, October</td>
</tr>
<tr>
<td>Liu, E. &amp; Pinnegar, S.</td>
<td>'Understanding Neighbourhood Renewal through People-Based Outcomes: Setting up a Longitudinal Panel Study at Bonnyrigg, NSW'</td>
<td>5th Australasian Housing Researchers’ Conference, Auckland, November 17-19, 2010</td>
</tr>
<tr>
<td>Neuman, M., Kim, H.Y., Wunneburger, D. &amp; Morgan, C.</td>
<td>'Creating a Spatial Decision Support System (SDSS) for Transportation Policy and Investments that Shape the Sustainable Regional Growth'</td>
<td>World Planning Schools Conference, Perth, 4-8 July</td>
</tr>
<tr>
<td>Randolph, B.</td>
<td>'Barriers to Development in Sydney: A Realistic Role for Infill', Housing Industry Association Summit: Building Better Cities – Australia’s Density Challenge, Gold Coast Convention Centre, 12 May (invited speaker).</td>
<td></td>
</tr>
</tbody>
</table>


Thompson, S.M. & Phibbs, P. (2011) ‘Housing and Health: Exploring the Relationship’, World Planning Schools Congress, Perth, 4-8 July


OTHER CONFERENCE PRESENTATIONS


Capon, T. (2011) Keynote address ‘Supportive Environments for Health’, Australian Public Health Association Annual Conference, Brisbane, September


Easthope, H., Hudson, S. & Randolph, B. (2011) ‘Driven and constrained by the market, urban consolidation, urban renewal and the termination of strata schemes’, Asia Pacific Network for Housing Research Conference, Hong Kong December


Milligan, V. (2011) ‘Change in Rent Risk: Housing Policy Drivers Affecting Affordability for Vulnerable Tenants in Australia’, Invited Presentation to ‘Safe as Houses’ Housing and Financial Markets Conference, Faculty of Economics and Business, University of Sydney, 19 April


COMMUNITY AND PRACTICE PRESENTATIONS


Randolph, B. (2011) ‘Challenges to Building Infill Housing in Australian cities: A Role for Community Housing?’, Key note presentation, National Affordable Housing Exchange, Community Housing Federation of Australia, Sydney 15 April (invited speaker)


Thompson, S. (2011) ‘Planning for Healthy Active Living, Parks and Leisure Australia’, (PLA) Seminar, Byron Bay, October

Thompson, S. (2011) ‘The Health Impacts of Housing’, MADD5 (Mites, Asthma and Domestic Design #5), Sydney, November


CONFERENCES AND SEMINARS
CONFERENCES AND SEMINARS

2011 BUILT ENVIRONMENT RESEARCH SEMINAR SERIES

After a successful launch in 2010, the Built Environment Research Seminars series continued in 2011 and the series has now become a regular feature within the Faculty. City Futures continued to take a leading role organising the Seminar series as part of the Centre’s growing integration with the Faculty.

The seminar series aims to provide a forum for researchers to present and discuss new and ongoing research, and to identify possible areas of collaboration with Faculty and University colleagues.

The 2011 research seminar series consisted of 11 individual lunch time seminars:

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 March</td>
<td>Russell Lowe, Built Environment, UNSW</td>
<td>‘Computer Gaming and Healthcare: Where Two Mega Industries Collide’</td>
</tr>
<tr>
<td>4 May</td>
<td>Prof Alan Peters, Built Environment, UNSW</td>
<td>‘Does too much Regulation / Taxation Slow Local Economic Growth – Micro-Simulation and Econometric Evidence’</td>
</tr>
<tr>
<td>11 May</td>
<td>Anita Blessing, University of Amsterdam</td>
<td>‘Public, Private, or in-Between? Social Entrepreneurs in the Housing Market’</td>
</tr>
<tr>
<td>17 August</td>
<td>Prof Hal Pawson, City Futures, Built Environment, UNSW</td>
<td>‘The Supply-Side Modernisation of Social Housing in England: Analysing Mechanics, Trends and Consequences’</td>
</tr>
<tr>
<td>31 August</td>
<td>Dr Paul Osmond, Built Environment, UNSW</td>
<td>‘Towards a Sustainability Indicator set for Australian Cities’</td>
</tr>
<tr>
<td>14 September</td>
<td>Prof Mark Stephens, University of Glasgow</td>
<td>‘Housing Poverty and Income Poverty in England and the Netherlands’</td>
</tr>
<tr>
<td>12 October</td>
<td>Dr Gethin Davison, City Futures, Built Environment, UNSW</td>
<td>‘The Role and Potential of Australia’s Public Land Development Agencies’</td>
</tr>
<tr>
<td>19 October</td>
<td>Prof Patrick Troy, Australian National University</td>
<td>‘Urban Planning in Australia: Lessons from the Commonwealth State Housing Agreement’</td>
</tr>
<tr>
<td>15 November</td>
<td>Prof Glen Bramley, Heriot-Watt University, Edinburgh</td>
<td>‘Housing Affordability in the UK: Standards, Policies and Markets’</td>
</tr>
</tbody>
</table>
7 December

Annette Hastings, University of Glasgow

“Sharp Elbows”: do the Middle Classes have Advantages in Public Services, if so how, and does it Matter?

9 December

Prof Brendan Gleeson, National University of Ireland, Maynooth

‘The Urban Age: Paradox and Prospect’

HOUSING THEORY SYMPOSIUM, 17-18 MARCH

City Futures hosted the 4th Housing Theory Symposium: Housing and Urban Change, 17-18 March 2011, at the Surry Hills Community Centre. The symposium included 15 papers presented by scholars from various Australian Universities, including RMIT, UTAS, Griffith, University of Queensland, Macquarie and Curtin. Following the symposium, several of the papers were published in a special issue at the journal Housing, Theory and Society, co-edited by Keith Jacobs and Ilan Wiesel.

OTHER CITY FUTURES SEMINARS

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 March</td>
<td>David Broyd, Group Manager, Sustainable Planning, Port Stephens Council, 26 March 2011</td>
<td>‘Where will Planning be after 27 March?’</td>
</tr>
<tr>
<td>22 November</td>
<td>Prof David Mullins, University of Birmingham, UK</td>
<td>“Community Investment and Community Empowerment”</td>
</tr>
</tbody>
</table>
TEACHING AND SUPERVISION

While City Futures is first and foremost a research centre, many members of the team contribute to teaching and supervision in the Faculty. As research becomes increasingly integrated with teaching across the disciplines in the Faculty, our skills, resources and wealth of research material, as well as ongoing research opportunities will provide an excellent platform.

Alongside PhD and Master’s supervision, City Futures is responsible for the Planning Project in the Master of Planning (MPlan). This 12 Units of Credit (UOC) course provides students with an introduction to the research process, enabling them to design a research project, conduct some empirical research and prepare a report. The course runs each semester and students typically carry out their projects in the final semester of the MPlan. Members of the team also contribute to supervision of students undertaking their Bachelor of Planning theses in Semester 2.

City Futures staff are coordinating the following three courses:

**MPLAN 7122 Planning Project**
Course coordinator: Dr Gethin Davison and Dr Simon Pinnegar
The aim of this course is to coach students through the process of conducting an independent research project, so as to provide insight into how research is scoped, negotiated and applied in professional practice. The course involves the production of a minor dissertation on a topic of the students’ choice. It seeks to provide students with the opportunity to conduct applied research into an area of personal interest in planning and/or relevance to planning practice. Students gain an understanding of the conceptual, methodological, and technical bases for the development and delivery of research projects. Each student is personally supervised by an academic staff member of the Faculty. The principal output of the course is a research paper of 8,000-10,000 words in length.

**BENV7712 Healthy Built Environments**
Course coordinator: A/Prof Susan Thompson
Healthy Built Environments is a post graduate elective that focuses on the role of the built environment in supporting healthy behaviour for diverse communities. The course examines the ways in which health and built environment professionals are collaboratively addressing the epidemic of chronic disease associated with sedentary and socially isolated urban living. Current research, legislative and policy frameworks, together with best practice from Australia and abroad, are critically evaluated. The challenges of inter-disciplinary research, policy development and implementation are considered. This course is specifically designed for students undertaking post graduate studies in built environment and health and is closely aligned to the Healthy Built Environments Program at the City Futures Research Centre. Classes involve a mixture of lectures, participant discussion and critical review, hands-on experience with different tools, and a group presentation and debate.

**BENV2949 Healthy Planning**
Course coordinator: A/Prof Susan Thompson
Healthy Planning is an inter-disciplinary elective for senior students studying to be built environment and health professionals. The course focuses on the ways in which built, natural and socio-cultural environments inhibit on the one hand, and on the other, can enhance and sustain the physical and psychological health of...
contemporary communities. The course the relationship between the urban environment and current health issues facing modern society - particularly lifestyle related health problems such as obesity and depression, Research and theoretical issues which draw planning and health together are discussed using specific case studies. Sessions involve a mixture of lectures, participant discussion, presentations and strategic engagement with healthy planning tools.

### SUPERVISION OF PHD STUDENTS

<table>
<thead>
<tr>
<th>Name of Student</th>
<th>Topic</th>
<th>Supervisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samira Abbasalipour</td>
<td>Approaching Shopping Centres: The Successful Interface between Shopping Centres and Surrounding Urban Space</td>
<td>Dr Bruce Judd &amp; Dr Gethin Davison*</td>
</tr>
<tr>
<td>Wenji Cai</td>
<td>Housing Affordability in Wuhan: A Comparative Study</td>
<td>Prof Bill Randolph &amp; Dr Vivienne Milligan*</td>
</tr>
<tr>
<td>Anumitra Mirti Chand</td>
<td>Hospital Facility Resilience: Developing an Adaptation Framework for Extreme Weather Events</td>
<td>A/Prof Susan Thompson &amp; Prof Martin Loosemore #</td>
</tr>
<tr>
<td>Jason Yi-Kai Chuang</td>
<td>Healing Landscapes for those with Spinal Cord Injury</td>
<td>A/Prof Linda Corkery &amp; A/Prof Catherine Bridge*</td>
</tr>
<tr>
<td>Laura Crommelin</td>
<td>Branding the Broken City: A Study of how City Branding has Shaped the Recovering Cities of Detroit and Newcastle</td>
<td>Dr Simon Pinnegar &amp; Prof Rob Freestone#</td>
</tr>
<tr>
<td>Tinalee Gallico</td>
<td>Beyond Sustainable Development; Governance &amp; Community for Ecologically Positive Regeneration</td>
<td>Dr Simon Pinnegar &amp; Prof Bill Randolph*</td>
</tr>
<tr>
<td>Shane Geha</td>
<td>Development of an Empirical Model for the Quantification of the Rezoning Effect</td>
<td>Peter Williams &amp; Prof Bill Randolph*</td>
</tr>
<tr>
<td>Tracie Harvison</td>
<td>Universities and Positive Ageing: Emerging Modes of Engagement for an Ageing Society</td>
<td>Dr Bruce Judd &amp; Dr Christine Steinmetz*</td>
</tr>
<tr>
<td>Helen Kendall</td>
<td>Integrated Landscapes for Ageing Well in the Urban Environment: an Australian Perspective</td>
<td>A/Prof Susan Thompson &amp; A/Prof Linda Corkery#</td>
</tr>
<tr>
<td>Jennifer Kent</td>
<td>Commuting using Cycling to Access Public Transport – Benefit, Barriers and the Built Environment</td>
<td>A/Prof Susan Thompson &amp; Dr Simon Pinnegar#</td>
</tr>
<tr>
<td>Lydia Kirkoff</td>
<td>Creative Industries and the City: Case study Auckland, NZ</td>
<td>Prof Bill Randolph &amp; Prof Rob Freestone*</td>
</tr>
<tr>
<td>Shirley Lithgow</td>
<td>Community Engagement in Planning</td>
<td>Prof Jenny Stewart (ADFA) &amp; A/Prof Susan Thompson</td>
</tr>
<tr>
<td>Kirsty Mate</td>
<td>The Future of Sustainability &amp; Retail Design in Australia</td>
<td>Dr Simon Pinnegar &amp; Prof Stephen Loos (UTAS)*</td>
</tr>
<tr>
<td>Name</td>
<td>Project Title</td>
<td>Supervisor(s)</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Louise McKenzie</td>
<td>Climate, Public Space and Public Health: the Influence of Heat on Public Space use and Implications for Public Health</td>
<td>A/Prof Susan Thompson &amp; Dr Robert Samuels#</td>
</tr>
<tr>
<td>Bernadette Pinnell (APAI)</td>
<td>Establishing an Evaluation Framework to Measure the Impact of Public Housing Estate Renewal in NSW on the areas Surrounding the Estate; using GIS as a Tool for Communicating the Impact of the Regeneration</td>
<td>Prof Bill Randolph &amp; Dr Simon Pinnegar*</td>
</tr>
<tr>
<td>Abbas Riazi (completed 2011)</td>
<td>Perspectives of People with Macular Degeneration and their Service Providers on Home Modification and Assistive Devices</td>
<td>Dr Mei Ying Boon (School of Vision Sciences) &amp; A/Prof Catherine Bridge*</td>
</tr>
<tr>
<td>Joanne Quinn</td>
<td>Design of the Home Environment for the Ageing Population</td>
<td>Dr Oya Demirbilek &amp; A/Prof Bruce Judd*</td>
</tr>
<tr>
<td>Gary Shields</td>
<td>Planning for Ageing: A Healthy Lifestyle And Built Environment</td>
<td>A/Prof Susan Thompson &amp; Prof Bill Randolph*</td>
</tr>
<tr>
<td>Andrew Tice</td>
<td>The Role and Function of Lower Value Housing Markets</td>
<td>Prof Bill Randolph &amp; Dr Simon Pinnegar#</td>
</tr>
<tr>
<td>Ryan van den Nouwelant</td>
<td>Place Management and Conflict Mediation in Mixed-Use Neighbourhoods: the Case of Kings Cross, Sydney</td>
<td>Dr Gethin Davison &amp; Dr Christine Steinmetz#</td>
</tr>
<tr>
<td>Jing Xie</td>
<td>Mixed-Use Communities</td>
<td>Prof Xing Ruan &amp; Dr Simon Pinnegar*</td>
</tr>
</tbody>
</table>

#Joint Supervisor; *Co-Supervisor
SUPERVISION OF MASTERS BY RESEARCH STUDENTS

<table>
<thead>
<tr>
<th>Supervisor</th>
<th>Project Description</th>
<th>Co-Supervisors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jenny Fishpool</td>
<td>Home Visiting follow-up of Home Maintenance and Modification Services</td>
<td>A/Prof Catherine Bridge, Dr Bruce Judd*, and Dr Oya Demirbilek*</td>
</tr>
<tr>
<td>Sarah Hudson</td>
<td>Dire Stratas</td>
<td>Prof Bill Randolph and Peter Williams*</td>
</tr>
<tr>
<td>Sarah Judd</td>
<td>Housing Outcomes of Chinese International Students and the Influence of Housing Pathways</td>
<td>Dr Hazel Easthope &amp; Dr Christine Steinmetz</td>
</tr>
</tbody>
</table>

* Co-Supervisor

TEACHING

A/Prof Catherine Bridge

Session 1:
- IDES2161 - Industrial Design Studio 2A: Lecture on liveable bathroom design.
- PLAN1011 Urban Society: Guest lecture on Social Cohesion and Social Inclusion.
- ARCH7111: Design Studio 1: Lecture on Universal design for domestic housing

Dr Gethin Davison

Session 1:
- PLAN7122 Planning Project: Course coordinator

Session 2:
- PLAN7122 Planning Project: Course coordinator
- PLAN4132 Thesis Project: 5th year thesis supervision and marking

Dr Hazel Easthope

Session 2:
- PLAN1241 Planning Theory and Practice: Guest Lecture, Creative Cities
- PLAN1241 Planning Theory and Practice: Guest Lecture, Higher Density Cities

Summer Term, 2011/12:
- GEOS3641 Regional Australia: Geography of Uneven Development; Guest Lecture, Exploring the Cultural Meaning of Regional Youth Migration.
- Guest lecture, UNSW GEOS3641 Regional Australia Exploring the Cultural Meaning of Regional Youth Migration, summer school
Dr Crystal Legacy
Session 2:
- MPLAN-7122 Supervision of student research projects

Dr Edgar Liu
Session 1:
- MPLAN-7122 Planning Project - supervised 3 students
Session 2:
- MPLAN-7122 Planning Project - supervised 3 students

Dr Simon Pinnegar
Session 1:
- MPLAN-7122 Planning Project (Course coordinator)

A/Prof Susan Thompson
Session 1:
- BENV2949 Healthy Planning (Course Coordinator)
Session 2:
- BENV7712 Healthy Built Environments (Course Coordinator)
- BPlan Thesis – supervised 3 students
STATEMENT OF FINANCIAL PERFORMANCE
STATEMENT OF FINANCIAL PERFORMANCE

OVERVIEW

The Centre's financial result for the year reflects a strong growth trajectory, building on the position achieved by the Centre during its previous years of operation. A surplus of $1,251,446 was brought forward at the beginning of the year.

Over the year, City Futures Research Centre received new external research funding totalling $1,968,808. The office of the DVC (Research) provided the Centre with a total of $368,613 to cover salaries for A/Prof Vivienne Milligan, Prof Hal Pawson and contributions to Dr Simon Pinnegar's salary costs in addition to UNSW's 50% share of the 2011 Annual AHURI fee as lead participant of the UNSW/UWS AHURI Centre. City Futures also received strategic funding of $9,500 from the Faculty of Engineering's Contribution to the National Climate Change Adaptation Research Facility.

In 2011 Faculty of Built Environment provided $41,744 to the Centre for Early Career Researcher Grants and $17,275 for HERDC bonuses and other support. The DCV (Research) also awarded the Centre support of $40,000 for City Futures to resubmit an ARC Discovery application: Multigenerational cohabitation: implications for an ageing population.

Expenditures for the year totalled $2,193,594 of which $1,609,493 were for Centre Staff salaries. This figure is not including Prof Bill Randolph, 50% of A/Prof Susan Thompson and 20% of Dr Simon Pinnegar’s salaries, which were supported by the Faculty. During the 2011 City Futures Research Centre review it was discovered the Centre had not received the revenue for one our ARC funded research projects completed back in 2009. A negative expense transfer of $320,232.15 was made against Consumables to rectify this error.

The net operating result for 2011 showed a surplus of $252,347 which, when added to the brought forward balance from 2010, led to a final carry forward of $1,491,505 to 2012.

STATEMENT OF IN-KIND CONTRIBUTIONS

Faculty of Built Environment is supporting City Futures Research Centre by underpinning Prof Randolph and A/Prof Catherine Bridge salary costs. The Faculty also contributed 50% towards A/Prof Susan Thompson and 20% of Dr Simon Pinnegar’s salary.

City Futures Research Centre is occupying offices on levels one and three in the Red Centre (west wing) at the University of New South Wales. The Centre also receives in-kind contributions from the Faculty in the form of IT support and support from Finance staff.
# Statement of Financial Performance

City Futures

### 1 Jan to 31 Dec

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Funds</strong></td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>Research Revenue</td>
<td>967,494.93</td>
<td>964,538.93</td>
</tr>
<tr>
<td>Faculty Operating Funds</td>
<td>99,019.15</td>
<td>23,927.16</td>
</tr>
<tr>
<td>UNSW Strategic Funds</td>
<td>378,112.67</td>
<td>354,129.22</td>
</tr>
<tr>
<td><strong>Total Funds</strong></td>
<td><strong>1,444,626.75</strong></td>
<td><strong>1,342,595.31</strong></td>
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<tr>
<td><strong>Costs</strong></td>
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<tr>
<td>Salaries</td>
<td>1,103,900.24</td>
<td>839,897.18</td>
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<tr>
<td>Other People Costs</td>
<td>25,617.98</td>
<td>1,709.37</td>
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<tr>
<td>Scholarship Stipends</td>
<td>65,704.12</td>
<td>47,463.85</td>
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<tr>
<td>Contract &amp; Consulting Services</td>
<td>69,179.54</td>
<td>36,168.21</td>
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<tr>
<td>Repairs and Maintenance</td>
<td>1,252.73</td>
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<tr>
<td>Consumables</td>
<td>-231,375.02</td>
<td>11,685.48</td>
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<tr>
<td>Travel</td>
<td>98,800.49</td>
<td>62,175.44</td>
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<tr>
<td>Equipment</td>
<td>3,759.59</td>
<td>13,455.07</td>
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<tr>
<td>Other Expenses</td>
<td>169,009.19</td>
<td>74,190.78</td>
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<tr>
<td>Contract Research Ahead</td>
<td>118,135.20</td>
<td>6,415.70</td>
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<tr>
<td>Internal Expense</td>
<td>7,826.76</td>
<td>10,189.61</td>
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<tr>
<td><strong>Total Costs</strong></td>
<td><strong>1,431,610.82</strong></td>
<td><strong>1,103,350.69</strong></td>
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<td><strong>Operating result</strong></td>
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<tr>
<td></td>
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<tr>
<td><strong>Opening Balance</strong></td>
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<tr>
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<tr>
<td><strong>End of Year Adjustments</strong></td>
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<tr>
<td></td>
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<td>4</td>
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<tr>
<td><strong>Closing Balance</strong></td>
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<td></td>
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<tr>
<td></td>
<td></td>
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<tr>
<td>* Excludes debtors (unpaid invoices)</td>
<td>193,095.65</td>
<td>48,675.00</td>
</tr>
</tbody>
</table>

**Notes to the Statement of Financial Performance**

1. It was noted in the 2011 Centre review the CFRC had not received revenue $320,232 in 2007/2008 to match budget for ARC DP0773388: The Demand for Higher Density. The figure for consumables includes a negative internal transfer contribution of $320,232 to adjust for this.

2. 2011: Excludes strategic result of $61,230.69 that cannot be carried forward to 2012

3. Internal transfers $72,396.88. UNSW strategic funds and internal expense adjusted with each $72,396.88

4. Included in the 2010 closing balance was strategic funds totalling $8,352.48 that could not be carried forward into 2011. Other adjustments totals $1,250.37

**Certification by Presiding Faculty Finance Manager:**

Margaret Noble
29 June 2012

Signature
# Statement of Financial Performance
## Healthy Built Environments Program

### 1 Jan to 31 Dec

<table>
<thead>
<tr>
<th>Notes</th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Revenue</td>
<td>551,226.00</td>
<td>563,618.00</td>
</tr>
<tr>
<td>Faculty Operating Funds</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>UNSW Strategic Funds</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Total Funds</td>
<td>551,226.00</td>
<td>563,618.00</td>
</tr>
<tr>
<td>Costs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries</td>
<td>249,537.33</td>
<td>123,089.00</td>
</tr>
<tr>
<td>Other People Costs</td>
<td>1,175.65</td>
<td>2,625.97</td>
</tr>
<tr>
<td>Scholarship Stipends</td>
<td>10,499.93</td>
<td>0.00</td>
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<tr>
<td>Contract &amp; Consulting Services</td>
<td>40,812.71</td>
<td>36,813.25</td>
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<tr>
<td>Repairs and Maintenance</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Consumables</td>
<td>3,024.99</td>
<td>565.93</td>
</tr>
<tr>
<td>Travel</td>
<td>12,144.93</td>
<td>9,075.01</td>
</tr>
<tr>
<td>Equipment</td>
<td>2,464.05</td>
<td>4,403.76</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>59,392.94</td>
<td>14,332.98</td>
</tr>
<tr>
<td>Contract Research Ohead</td>
<td>69,230.76</td>
<td>86,538.46</td>
</tr>
<tr>
<td>Internal Expense</td>
<td>-33,516.58</td>
<td>1,750.00</td>
</tr>
<tr>
<td>Total Costs</td>
<td>414,766.71</td>
<td>279,174.36</td>
</tr>
<tr>
<td>Operating Result</td>
<td>136,459.29</td>
<td>284,443.64</td>
</tr>
<tr>
<td>Opening Balance</td>
<td>284,443.64</td>
<td>0.00</td>
</tr>
<tr>
<td>End of Year Adjustments</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Closing Balance</td>
<td>420,902.93</td>
<td>284,443.64</td>
</tr>
</tbody>
</table>

* Excludes debtors (unpaid invoices)  
*1 Internal transfer materials

### Notes to the Statement of Financial Performance

---

**Certification by Presiding Faculty Finance Manager:**

Margaret Noble  
29 June 2012  
Name  
Date  
Signature
# Statement of Financial Performance

## Enabling Built Environments Program

### 1 Jan to 31 Dec

<table>
<thead>
<tr>
<th>Notes</th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

### Funds

- Research Revenue: $450,087.48
- Faculty Operating Funds: $0.00
- UNSW Strategic Funds: $0.00

**Total Funds**: $450,087.48

**2010**

- Research Revenue: $562,625.13
- Faculty Operating Funds: $0.00
- UNSW Strategic Funds: $0.00

**Total Funds**: $562,625.13

### Costs

<table>
<thead>
<tr>
<th>Description</th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>$256,055.81</td>
<td>$138,813.77</td>
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<tr>
<td>Other People Costs</td>
<td>$0.00</td>
<td>$709.69</td>
</tr>
<tr>
<td>Scholarship Stipends</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Contract &amp; Consulting Services</td>
<td>$29,305.21</td>
<td>$56,113.66</td>
</tr>
<tr>
<td>Repairs and Maintenance</td>
<td>$4,675.89</td>
<td>$0.00</td>
</tr>
<tr>
<td>Consumables</td>
<td>$3,876.89</td>
<td>$14,894.77</td>
</tr>
<tr>
<td>Travel</td>
<td>$21,657.82</td>
<td>$26,823.36</td>
</tr>
<tr>
<td>Equipment</td>
<td>$8,141.25</td>
<td>$3,041.15</td>
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<tr>
<td>Other Expenses</td>
<td>$-34,952.86</td>
<td>$6,284.85</td>
</tr>
<tr>
<td>Contract Research Oheads</td>
<td>$58,456.14</td>
<td>$113,156.92</td>
</tr>
<tr>
<td>Internal Expense</td>
<td>$0.00</td>
<td>$18,491.68</td>
</tr>
</tbody>
</table>

**Total Costs**: $347,216.15

### Operating Result

**2011**: $102,871.33

### Opening Balance

**2010**: $184,295.48

### End of Year Adjustments

**2011**: $208,881.14

**2010**: $24,585.66

**Closure Balance**: $-2,684.64

**2011**: $0.00

### Closing Balance

**2011**: $309,067.83

**2010**: $208,881.14

---

### Notes to the Statement of Financial Performance

1. **Internal transfer materials**
2. **Excludes operating result of $679.31 that cannot be carried forward to 2012**
   - Internal transfers $83,831.60: Internal income reduced by $83,831.60, Salaries by $62,432.92 and Other Expenses by $21,398.61

---

### Certification by Presiding Faculty Finance Manager:

**Margaret Noble**

**Name**

**29 June 2012**

**Date**

**Signature**
## STATEMENT OF FINANCIAL PERFORMANCE
### TOTAL CITY FUTURES RESEARCH CENTRE

**1 Jan to 31 Dec**

<table>
<thead>
<tr>
<th>Notes</th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Revenue</td>
<td>1,968,808.41</td>
<td>2,090,782.06</td>
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<tr>
<td>Faculty Operating Funds</td>
<td>99,019.15</td>
<td>23,927.16</td>
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<tr>
<td>UNSW Strategic Funds</td>
<td>378,112.67</td>
<td>354,129.22</td>
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<tr>
<td><strong>Total Funds</strong></td>
<td><strong>2,445,940.23</strong></td>
<td><strong>2,468,838.44</strong></td>
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<tr>
<td>Costs</td>
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<tr>
<td>Salaries</td>
<td>1,609,493.38</td>
<td>1,101,779.95</td>
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<tr>
<td>Other People Costs</td>
<td>26,793.63</td>
<td>5,045.03</td>
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<tr>
<td>Scholarship Stipends</td>
<td>76,204.05</td>
<td>47,463.85</td>
</tr>
<tr>
<td>Contract &amp; Consulting Services</td>
<td>139,297.46</td>
<td>129,095.12</td>
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<tr>
<td>Repairs and Maintenance</td>
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<tr>
<td>Consumables</td>
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<tr>
<td>Travel</td>
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<td>98,073.81</td>
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<tr>
<td>Equipment</td>
<td>14,364.89</td>
<td>20,899.98</td>
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<tr>
<td>Other Expenses</td>
<td>193,449.27</td>
<td>94,808.41</td>
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<tr>
<td>Contract Research Ohead</td>
<td>245,822.10</td>
<td>206,111.08</td>
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<tr>
<td>Internal Expense</td>
<td>-25,689.82</td>
<td>30,431.29</td>
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<tr>
<td><strong>Total Costs</strong></td>
<td><strong>2,193,593.68</strong></td>
<td><strong>1,760,854.70</strong></td>
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<tr>
<td>Operating result</td>
<td>252,346.55</td>
<td>707,983.73</td>
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<tr>
<td>Opening Balance</td>
<td>1,251,445.77</td>
<td>543,462.04</td>
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<tr>
<td>End of Year Adjustments</td>
<td>-12,287.49</td>
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</tr>
<tr>
<td>Closing Balance</td>
<td><strong>1,491,504.83</strong></td>
<td><strong>1,251,445.77</strong></td>
</tr>
</tbody>
</table>

* Excludes debtors (unpaid invoices)

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**Certification by Presiding Faculty Finance Manager:**

Margaret Noble  
Name  
29 June 2012  
Date  
Signature