

NHMRC Centre of Research Excellence in Healthy Liveable Communities

CRE Newsletter 3 September 2015

News

CRE Activities

Belen Zapata and Dr Lennert Veerman have been working on a report for the Centre for Population Health of the NSW Ministry of Health to estimate the health-related economic value of changes in urban form thought and its impact on physical activity. The aim of the report is to allow CPH to provide other government departments with information needed to include health externalities of increases in physical activity attributable to urban form in the development of cost benefit analyses on land use planning.

The CRE has a new PhD student starting at Swinburne University in December 2015. Mr Chandrabose Manoj is currently a lecturer at University of Peradeniya, Sri Lanka where he finished his MPhil earlier this year. He has a strong statistical background, and is expected to work on the AusDiab data.

Prof Billie Giles-Corti, Dr Serryn Eagleson and PhD student Melanie Lowe prepared a report on the health impact of sustainable transport options for the Australian Council of Learned Academies (ACOLA). The report will be launched in October.

PIA National Congress

A CRE Workshop was conducted as part of the PIA National Planning Congress in Melbourne on 15 May 2015. The workshop was an opportunity to

discuss the CRE's translational activities with practitioners.

ISBNPA Meeting

A number of CRE researchers presented at the ISBNPA Conference in Scotland from 3 – 6 June 2015. This was a great opportunity to arrange a meeting with a number of the CRE's international collaborators on 3 June 2015. The CRE's work program was discussed, and opportunities for joint projects were explored.

MPA/CRE Seminar Series

The Municipal Planning Authority (MPA) in Melbourne and the CRE are co-hosting a series of seminars on Urban Planning and Health. The first seminar "Designing in Health" was held on 19th May 2015, and the second seminar "Housing affordability" on 11 August 2015.

PhD Confirmation

Two of the CRE PhD students have completed their PhD confirmations:

1. Maureen Murphy, "Conceptualising, developing and validating local food environment indicators for a healthy, liveable and equitable city."
2. Haes Houweling, "Institutional barriers and pathways to effective transport at the urban fringe: Examining three metropolitan subregions."

CRE Face-to-Face Meeting

We would like to thank all of the CRE members & partners who attended the CRE Face-to-Face Meeting in Melbourne on 13 – 14 May 2015.



Photo: CRE PhD students - Fatima Ghani, Belen Zapata, Venus Loh, King Wa Tam, Maureen Murphy and Haes Houweling.



Photo: CRE Industry Partners – Melanie Chisholm, Roni Beauchamp, Rayoni Nelson, Dean Steinberg, Monica Kelly, Grace MacPherson, Jen Thompson, Christine Kilmartin, Wendy Morris, Sheree Hughes, Trevor Shilton, Jill Garner, Michael Heard, Paul Maher.



Photo: CRE Researchers - Vincent Learnihan, Xiaoqi Feng, Suzanne Mavoa, Paula Hooper, Hannah Badland, Jerome Rachele, Lucy Gunn and Thomas Astell-Burt.



(Photo: Lennert Veerman, Fiona Bull, Gavin Turrell, Billie Giles-Corti, Matthew Knuiman, Simon Washington)

The next CRE bi-annual newsletter will be released in February 2016

FOR MORE INFORMATION

For more information about the newsletter, contact Antoinette Abou-Rizk at aboa@unimelb.edu.au.

CRE Book Chapters & Publications

1. Giles-Corti B, Foster S, Koohsari M. J, Francis J, Hooper H (2015). *The Influence of Urban Design and Planning on Physical Activity*, in: Barton H, Thompson S.M, Grant M, and Burgess S. (Eds.), Routledge Hand Book of Planning for Health and Well-being. New York: Routledge.

Published

2. Badland H, Mavoa S, Villanueva K, Roberts R, Davern M, Giles-Corti B. *The development of policy-relevant transport indicators to monitor health outcomes and behaviours*. Journal of Transport & Health, 2015. 2: 103-110. *Special Issue Walking & Cycling: The contributions of health and transport geography*.
3. Christian H, Zubrick S.R, Foster S, Giles-Corti B, Bull F, Wood L, Knuiman M, Brinkman S, Houghton S, Boruff B. *The influence of the neighborhood physical environment on early child health and development: A review and call for research*. Health & Place, 2015. 33: 25-36.
4. Edwards N.J, Hooper P, Knuiman M, Foster S, and Giles-Corti B. *Associations between park features and adolescent park use for physical activity*. International Journal of Behavioral Nutrition and Physical Activity, 2015. 12: 21.
5. Foster S.A, Wood L.A, Francis J, Knuiman M, Villanueva K, Giles-Corti B. *Suspicious minds: Can features of the local neighbourhood ease parents' fears about stranger danger?* Journal of Environmental Psychology, 2015. 42: 48-56.
6. Goldfeld S, Woolcock G, Katz I, Tanton R, Brinkman S, O'Connor E, Mathews T, Giles-Corti B *Neighbourhood effects influencing early childhood development: Conceptual model and trial indicator measurement methodologies from the Kids in Communities Study*. Social Indicators Research, 2015. 120(1): 197-212.
7. Hooper P, Knuiman M, Bull F, Jones E, Giles-Corti B. *Are we developing walkable suburbs through urban planning policy? Identifying the mix of design requirements to optimise walking outcomes from the 'Liveable Neighbourhoods' planning policy in Perth, Western Australia*. International Journal of Behavioral Nutrition and Physical Activity, 2015. 12:63.
8. Koohsari MJ, Mavoa S, Villanueva K, Sugiyama T, Badland H, Kaczynski AT, Owen N, Giles-Corti B. *Public open space, physical activity, urban design and public health: Concepts, methods and research agenda*. Health & Place, 2015. 33: 75-82.
9. Koohsari MJ, Sugiyama T, Sahlqvist S, Mavoa S, Hadgraft N, Owen N. *Neighborhood environmental attributes and adults' sedentary behaviors: Review and research agenda*. Preventive Medicine, 2015, 77:141-149.
10. Koohsari MJ, Badland H, Sugiyama T, Mavoa S, Giles-Corti B. *Mismatch between perceived and objectively-measured walkability components: Association with neighborhood walking*. Journal of Urban Health, 2015. 92(2): 242-252.
11. Lowe M, Whitzman C, Badland H, Davern M, Aye L, Hes D, Butterworth I, and Giles-Corti B. *Planning healthy, liveable and sustainable cities: How can indicators inform policy?* Urban Policy and Research, 2015. 33(2): 131-144.
12. Sugiyama T, Shibata AI, Koohsari, MJ, Tanamas SK, Koichiro O, Salmon J, Dunstan DW, Owen N. *Neighborhood Environmental Attributes and Adults' Maintenance of Regular Walking*. Medicine & Science in Sports & Exercise, 2015, 47(6): 1204-1210.
13. Villanueva K, Badland H, Hooper P, Koohsari M, Mavoa S, Davern M, Roberts R, Goldfeld S, Giles-Corti, B. *Developing indicators of Public Open Space to promote health and wellbeing in communities*. Applied Geography, 2015. 57: 112-119.
14. Villanueva, K., Badland, H., Giles-Corti, B., Goldfeld, S. *Using spatial analysis of the Australian Early Development Index (AEDI) to advance our understanding of 'neighbourhood effects' on child health and development*. Journal of Paediatrics and Child Health, 2015. 51(6):S 577-579.

In press

15. Villanueva K, Badland H, Kvalsvig A, O'Connor M, Christian H, Woolcock G, Giles-Corti B, Goldfeld S. *Can the neighbourhood built environment make a difference to children's development? Building the research agenda to create evidence for place-based children's policy*. Academic Paediatrics (in press, accepted September 13, 2015).

16. Pratt M, Foster C, Giles-Corti B, Cavill N, Salvo Dominguez D, Jauregui de la Mota A, Siqueira Reis R, McCue P. *An International Perspective on the Nexus of Physical Activity Research and Policy*. *Environment & Behavior* (in press, accepted September 1, 2015).
17. Sugiyama T, Gunn LD, Christian H, Francis J, Foster S, Hooper P, Owen N, Giles-Corti B. *Quality of public open spaces and recreational walking*. *American Journal of Public Health* (in press, accepted August 25, 2015).
18. Badland H, Mavoa S, Livingston M, David S, Giles-Corti B. *Testing spatial measures of alcohol outlet density with self-rated health in the Australian context: Implications for policy and practice*. *Drug and Alcohol Review* (in press, accepted August 24, 2015).
19. Kerr J, Emond JA, Badland H, Reis R, Sarmiento O, Carlson J, Sallis JF, Cerin E, Cain K, Conway T, Schofield G, Macfarlane DJ, Christiansen LB, Van Dyck D, Davey R, Aguinaga-Ontoso I, Salvo D, Sugiyama T, Owen N, Mitáš J, & Natarajan L. *Perceived neighborhood environmental attributes associated with adults' walking and cycling for transport: Findings from 17 cities in 12 countries*. *Environmental Health Perspectives* (in press, accepted July 15, 2015).
20. Cole R, Dunn P, Hunter I, Owen N, & Sugiyama T. *Walk Score and Australian adults' home-based walking for transport*. *Health & Place* (in press, accepted July 3, 2015).
21. Veitch J, Carver A, Abbott G, Giles-Corti B, Timperio A, Salmon J. *How active are people in metropolitan parks? An observational study of park visitation in Australia*. *BMC Public Health* (in press, accepted June 22, 2015).
22. Schoeppe S, Duncan MJ, Badland HM, Oliver M, Browne M. *Associations between children's active travel and levels of physical activity and sedentary behaviour*. *Journal of Transport & Health* (in press, accepted June 3, 2015).
23. Badland H, Davern M, Villanueva K, Mavoa S, Milner A, Roberts R, Giles-Corti B. *Conceptualising and Measuring Spatial Indicators of Employment Through a Liveability Lens*. *Soc Indic Res* (in press, accepted April 29, 2015).
24. Foster S, Hooper P, Knuiman M, Bull F, Giles-Corti B. *Are Liveable Neighbourhoods Safer Neighbourhoods? Testing the Rhetoric on New Urbanism and Safety from Crime in Perth, Western Australia*. *Social Science & Medicine* (in press, accepted April 20, 2015).
25. Trapp G.S.A, Hickling S, Christian H.E, Bull F, Timperio A.F, Boruff B, Shrestha D, Giles-Corti B. *Individual, social and environmental correlates of healthy and unhealthy eating*. *Health Education & Behavior* (in press, accepted February 14, 2015).

Technical Reports

1. Badland B, Roberts R, Butterworth I, Giles-Corti B. *How liveable is Melbourne? Conceptualising and testing urban liveability indicators: Progress to date*, The University of Melbourne, 2015.
http://www.communityindicators.net.au/files/docs/How%20liveable%20is%20Melb%202015_Final.pdf

CRE Presentations

1. Giles-Corti B. (Invited Panellist) *Policy and community action in urban health: from climate change to chronic diseases. Symposium: Reimagining health in cities: new directions in urban health research and action*, Drexel University, Philadelphia, September 10-11, 2015.
2. Giles-Corti B. (Invited Speaker) *Improving health equity: What role for liveable neighborhoods? International Symposium on Health Equity*, Harvard University, Boston, September 10-11, 2015.
3. Murphy M, Badland H, Koohsari M, Astell-Burt T, Trapp G, Villanueva K, Mavoa S, Davern M, Giles-Corti B. *Conceptualising urban planning policy-relevant indicators of the local food environment. Population Health Congress*, Hobart, September 7-9, 2015.

4. Badland, H. (Invited Keynote Presentation) Healthy built environments for all: What do we need to consider? *Australian Population Health Congress*, Hobart, September 6-9, 2015.
5. Zapata B. (Poster Presentations) A systematic review of economic analyses of active transport interventions that include physical activity benefits; and A model to estimate physical activity effects on health. *International Conference on Diet and Activity Methods 9 (ICDAM9)*, Brisbane, September 1-3, 2015.
6. Tam K. (Poster Presentation) Under-reporting of Energy Intake in Australia. *International Conference on Diet and Activity Methods 9 (ICDAM9)*, Brisbane, September 1-3, 2015.
7. Badland H, Mavoa S, Villanueva K, Roberts R, Davern M, Giles-Corti B. Creating policy-relevant spatial measures of transport which map to health behaviours and outcomes. *International Conference on Transport & Health*, London, July 6 –8, 2015.
8. Turrell G. (Invited Keynote Presentation) Making future Australian cities liveable for all (not just some): urban environments that promote health equity and healthy ageing. *8th Making Cities Liveable Conference*, Melbourne, July 6-7, 2015.
9. Badland H, Mavoa S, Eagleson S, David S, Hooper P, Rachele J, Astell-Burt T, Giles-Corti B. Identifying and validating policy-relevant, national spatial measures of walkability. *14th International Society of Behavioral Nutrition and Physical Activity*, Edinburgh, June 3-6, 2015.
10. Feng X, Astell-Burt T, David S, Mavoa S, Eagleson S, Murphy MF, Badland H, Giles-Corti B. Beyond 'food deserts'? Measuring local food environments in Australian cities. *14th International Society of Behavioral Nutrition and Physical Activity*, Edinburgh, June 3-6, 2015.
11. Giles-Corti B, Mavoa S, Hooper P, Villanueva K, Boruff B, Astell-Burt T, Learnihan V, Badland H. Are 'liveable' communities associated with physical activity and dietary behaviours? Developing and validating a set of national liveability indicators. *14th International Society of Behavioral Nutrition and Physical Activity*, Edinburgh, June 3-6, 2015.
12. Hooper P, Boruff B, Mavoa S, Badland H, David S, Rachele JN, Astell-Burt T, Giles-Corti B. Are we creating POSitive Places for active living through urban planning policy? Developing and validating national liveability indicators of public open space in Australia. *14th International Society of Behavioral Nutrition and Physical Activity*, Edinburgh, June 3-6, 2015.
13. Rachele, J.N., Learnihan, V., David, S., Badland, H., Mavoa, S., Turrell, G., Washington, S., Giles-Corti, B. Benchmarking policy performance for active living: Developing and validating national transport liveability indicators. *14th International Society of Behavioral Nutrition and Physical Activity*, Edinburgh, June 3-6, 2015.
14. Giles-Corti B. (Invited Speaker) Bringing together research and practice, what can we learn from Australia? *Symposium Active Living Research Conference*, San Diego, February 22-25, 2015.

Awards

1. Australian Health Promotion Association (AHPA) Ray James Award for Giles-Corti B, Macaulay G, Middleton N, Boruff B, Bull F, Butterworth I, Badland H, Mavoa S, Roberts R, Christian H. *Developing a research and practice tool to measure walkability: A demonstration project*. *Health Promotion Journal of Australia*, 2014: 25 (3), p. 160-6.
2. Giles-Corti B. 2015 Thomson Reuters Highly Cited Researcher in recognition of ranking among the top 1% of researchers for most cited publications in the field of social sciences.
3. Loh V. Graduate Scholar Award to attend the 2015 International Conference on Health, Wellness, and Society, 3-4 September 2015, Madrid, Spain.

Media Coverage

1. Giles-Corti B. Interview. "Apartment buyers seek 'walkable' neighbourhoods that are a step up from the rest" by Lorna Jones. Domain, 19th July 2015.
2. Giles-Corti B. Interview. "Sustainable Cities" by Kevin Healy. City Limits 3CR Radio, 29th April 2015.
3. Giles-Corti B. Interview. "Melbourne's most liveable suburbs are right at your feet - literally - as walking wins favour" by Timna Jacks. The Age, 15th March 2015.
4. Giles-Corti B. Interview. "Victoria's social housing plan not discriminatory, says planning minister" by Melissa Davey. The Guardian, 13th March 2015.
5. Giles-Corti B. Interview. "Melbourne's dedicated running and cycling paths are the most popular exercise routes" by Jason Dowling. The Age, 17th February 2015.