

IPEN Adult Paper List
Updated Nov 13, 2013

Paper Number	Category (order based on available data and logical flow)	Title	Lead Author	Proposed member core writing team	Date Data Delivered	Notes/Reference	Current Status
METHODS PAPERS							
1	Descriptive	Advancing Science and Policy through a Coordinated International Study of Physical Activity and Built Environments: IPEN Methods	Jacqueline Kerr	Jim Sallis Neville Owen Ilse De Bourdeaudhuij	NA	Kerr, J., Sallis, J.F., Owen, N., Bourdeaudhuij, I., Cerin, E., Reis, R, Sarmiento, O., Frömel , K., Mitáš , J., Troelsen , J., Christiansen , LB, Macfarlane , M., Salvo , D., Schofield , G., Badland , H., Guillen-Grima , F., , Aguinaga-Ontoso , I., Davey , R., Bauman , A., Saelens . B., Riddoch, C., Ainsworth , B., Pratt, M., Schmid, T., Frank, L.D., Adams, M.A., Conway, T.L., Cain, K.L, Van Dyck , D., Bracy, N.L. Advancing Science and Policy through a Coordinated International Study of Physical Activity and Built Environments: IPEN Methods. Journal of Physical Activity and Health, 2013, 10, 581-601.	Published JPAH May 2013
2	Descriptive	GIS Methods paper	Marc Adams	Larry Frank Jasper Schipperijn Graham Smith	NA		Writing in progress
33	Descriptive	Sharing good NEWS across the world: Developing comparable scores across 12 countries for the Neighborhood Environment Walkability Scale (NEWS).	Ester Cerin	Terry Conway Kelli Cain Jacqueline Kerr Jim Sallis	August 9, 2012	Cerin E, Conway TL, Cain K., Kerr J, De Bourdeaudhuij I, Owen N, Reis RS, Sarmiento OL, Hinckson EA, Salvo D, Christiansen LB, MacFarlane DJ, Davey R, Mitas J, Aguinaga-Ontoso I, and Sallis JF. Sharing good NEWS across the world: Developing comparable scores across 12 countries for the Neighborhood Environment Walkability Scale (NEWS). BMC Public Health, 2013, 13:309. DOI: 10.1186/1471-2458-13-309. URL: http://www.biomedcentral.com/1471-2458/13/309	Published BMC Public Health April 2013
MAIN EFFECTS PAPERS BASED ON AVAILABLE DATA							
3	Main effects <i>without</i> GIS	Perceived neighborhood environmental attributes associated with adults' recreational walking: Findings from a 12-	Takemi Sugiyama	Adewale Oyeyemi Ester Cerin (analyst) Neville Owen (mentor)	Feb 25, 2013	Analysis completed 5/20/13	Submitted Dec 2013

		country study					
4	Main effects <i>without</i> GIS	Perceived neighborhood environmental attributes associated with adults' transportation walking and biking: Findings from a 11/12-country study	Jacqueline Kerr	Rodrigo Reis Ester Cerin (mentor) Hannah Badland Olga Lucia Sarmiento John Pucher Jen Edmonds/Loki Natarajan (analyst)	Feb 25, 2013	Analysis completed.	Writing in progress
5	Main effects <i>without</i> GIS	Relationship of NEWS variables with BMI and overweight/obesity	Ilse De Bourdeaudhuij	Ester Cerin (mentor; analyst) Deborah Salvo Delfien Van Dyck	Feb 28, 2013	Analysis completed 5/20/13.	Writing in progress
6	Main effects <i>without</i> GIS	Strength and shape of associations between perceived neighbourhood environment attributes and objectively-measured MVPA: A multi-country study	Ester Cerin	Delfien Van Dyck Terry Conway Kelli Cain Erica Hinckson Jasper Schipperijn (mentor)	May 6, 2013		Submitted Dec 2013
7	Main effects <i>without</i> GIS	Examine associations of neighborhood environment variables assessed by NEWS with multiple measures of sedentary behavior assessed by survey and accelerometer	Neville Owen	Ilse De Bourdeaudhuij Takemi Sugiyama (analyst) Ester Cerin (mentor) Javad Koohsari (analyst) Adewale Oyeyemi	June 9, 2013	This paper will be about total sed time. There will be another paper on sed bouts.	Data delivered
8	Main effects <i>without</i> GIS	Comparing self-reported total activity with objectively measured total activity, adjusted for country and other background factors, i.e. validity of NEWS PA	Ester Cerin	Adewale Oyeyemi Mette Toftager (?) Josef Mitas Neville Owen Terry Conway (mentor)		Proposal accepted and approved with revisions 5/20/13	

		scales across countries.					
9	Main effects <i>without</i> GIS	Relationship of objectively-assessed PA and sedentary time with BMI and weight status, and interactions with study site and gender	Delfien Van Dyck	Ester Cerin (analyst) Ilse De Bourdeaudhuij (mentor) Rodrigo Reis Rachel Davey Erica Hinckson	May 4, 2013		Submitted Oct 2013; revision will be submitted April 2014
10	Main effects <i>without</i> GIS	Conduct comparative analyses of domains of PA from the IPAQ across countries. A useful purpose would be to determine not just how much PA in each domain is done across countries but to see which countries get the highest and lowest percent of their PA in each domain.	Rodrigo Reis	Olga L. Sarmiento Adriano A. F. Hino Pablo Lemoine (analyst) Ilse De Bourdeaudhuij Neville Owen Jim Sallis (mentor)	June 9, 2013		Data delivered

MAIN EFFECTS PAPERS WHEN GIS DATA ARE READY

11	Main effects <i>with</i> GIS	Active transportation will be the dependent variable, and GIS-based walkability environment variables will be the principal independent variables	Lars Breum	Ester Cerin (analyst with Lars/Jan) Rachel Davey Grant Schofield Josef Mitas Hannah Badland Jim Sallis (mentor) Jasper Schipperijn Jens Troelsen		Proposal received 9/28 Approved by mentor	Waiting on GIS data
12	Main effects <i>with</i> GIS	Overall leisure physical activity will be the dependent variable, and GIS-based recreational environment variables will be the principal independent variables	Chris Gidlow	Marc Adams Josef Mitas Takemi ?			
13	Main effects <i>with</i> GIS	Optimizing the predictive value of environmental	Jasper Schipperijn	Ester Cerin (analyst) Larry Frank		Proposal received 9/28 Approved by mentor	Waiting on GIS data

		indices for physical activity. Will use both GIS and self-report environment measures. This paper will follow and build upon papers #6 and #18		Lars Breum Christiansen Marc Adams Delfien Van Dyck Jim Sallis (mentor)			
14	Main effects <i>with</i> GIS	Strength of association between objectively measured environmental variables, total physical activity (accelerometry) and BMI	Rachel Davey	Josef Mitas Graham Smith Tom Cochrane (analyst) Jan G. Neville Owen (mentor)		Proposal received 10/9 Approved by mentor	Waiting on GIS data
15	Main effects <i>with</i> GIS	Examine associations of neighborhood environment variables assessed by GIS with multiple measures of sedentary behavior assessed by survey and accelerometer	Kelli Cain	Terry Conway Graham Smith Marc Adams		Pending receipt of proposal	
16	Main effects <i>with</i> GIS	Do associations between objectively-measured neighborhood environment and physical activity in adults vary across time of the day? Multiple country IPEN study	Josef Mitas	Kelli Cain Jan Dygrýn Ester Cerin (mentor; analyst) Karel Frömel		Proposal received 11/16 Approved by mentor. Kelli needs to rescore accelerometer data.	Waiting on GIS data
17	Main effects <i>with</i> GIS	Access to public transportation and physical activity: results from a multi-country analysis	Olga Lucía Sarmiento Dueñas	Rodrigo S. Reis Akira Hino Pablo Lemoine (analyst) Deborah Salvo Jose David Pinzón Andrea Ramirez Dario Hidalgo Hannah Badland (mentor)		Proposal being revised	
18	Main effects <i>with</i> GIS	To estimate strengths of association between	Jim Sallis	Ester Cerin (analyst)		Proposal received 9/28 Approved by mentor	Waiting on GIS data

		detailed measures of the built environment using <u>GIS</u> , with total physical activity in adults, measured objectively with <u>accelerometers</u>		Deborah Salvo Marc Adams Larry Frank Graham Smith Jasper Schipperijn (mentor)			
19	Main effects <i>with GIS</i>	Examine the unique variance objective and perceived measures of built environment attributes contribute to explaining leisure physical activity, active transportation, MVPA	OPEN	Rodrigo Reis Deborah Salvo		Hannah may take the lead.	

MEDIATOR AND MODERATOR PAPERS (FOR AFTER MAIN EFFECTS PAPERS ARE PUBLISHED)

20	Other	Mediating effects of PA on associations between environment (objectively measured) and physical and mental health	Brazil team?				
21	Other	Moderating effects of mental and physical health on the correspondence between objective and perceived environmental characteristics					
22	Other	Psychosocial moderators of environment – PA relationships	Rodrigo Reis (second paper)				
23	Other	Psychosocial moderators of environment – PA relationships					
24	Other	Perceived environmental and psychosocial factors explaining gender and age differences in associations of GIS-based	Ester Cerin for her second paper if she is				

		environmental measures with objectively-measured PA	quick				
25	Other	Based on analyses conducted with BEPAS, determine whether the association between built environment variables (walkability and recreation environments) and obesity is mediated by PA and SB					
26	Other	Conduct analyses to see how access to a car moderates the relation of built environments to MVPA and active transportation.		Olga Lucía Sarmiento Dueñas			
27	Other	Examine the interactive effects of walkability X recreation environment on MVPA. Having both favorable attributes should be better than having one	Duncan Macfarlane	Ester Cerin (analyst) Marc Adams Grant Schofield Takemi Sugiyama Hannah Badland (mentor)		Approved by mentor	Waiting on GIS data
28	Other	Ecological analysis comparing NEWS data by high and low SES areas across all countries to examine if key perceived environmental differences exist based on these groupings					
29	Other	Examine mediating effects of objectively measured physical activity and sedentary behavior on the relation between built environment attributes and BMI and overweight/obesity status	Rodrigo Reis	Ester Cerin Brazil team (Adriano Akira and Cassiano) Delfien Van Dyck			
30	Other	Examine moderating effects of age, sex, and	Deborah Salvo	Delfien Van Dyck Olga Lucía		Pending receipt of proposal	

		educational attainment on the relation between built environment attributes and BMI and overweight/obesity status		Sarmiento Dueñas			
31	Other	Examine moderating effects of age, sex, and educational attainment on the relation between built environment attributes and objectively measured physical activity	Delfien Van Dyck	Ester Cerin Deborah Salvo Denmark team (Jens and Lars) Ilse De Bourdeaudhuij (mentor)		Prospectus approved Jan 13, 2014	Waiting on data
32	Other	Latin America paper [please develop a more descriptive title or purpose]	Deborah Salvo	Olga Lucia Sarmiento Rodrigo Reis			
34	Other	Relation between access to urban green space and physical activity: a 12 country comparison	Jasper Schipperijn	Graham Smith Rodrigo Reis Marc Adams Ester Cerin (mentor) Eleanor Boyle (analyst with Ester)		Approved in Ghent May 20, 2013	Waiting on GIS data
35	Other	Analyze difference between pedestrian and street network buffers in explaining PA.	Graham Smith				
36	Other	International Comparison and Validation of Alternative GIS Buffer Methods to Develop Environmental Predictors of Physical Activity	Larry Frank	Jared Ulmer, Marc Adams, Erica Hinckson, Suzanne Mavoia , Rodrigo Reis, Graham Smith, Jasper Schipperijn, Lars Christiansen, Josef Mitas, Jan Dygryn, Ester Cerin, Jim Sallis (mentor)		Prospectus reviewed Jan 13, 2014	