

Personal DataName: Last, First, Middle **Kerr, Jacqueline**Department **Family Medicine and Public Health** Proposed Title(s) **Professor**E-mail address: **jkerr@grantdoctor.org****Previous Applicable Employment**

Period of employment	Institution, firm or organization of employment	Location	Rank, title, or position
2001-2004	LMU	Munich, Germany	Researcher
2004-2009	SDSU Research Foundation	Active Living Research, Hillcrest	Research Scientist, III
2006-2010	SDSU Dept of Psychology & Graduate School of Public Health	San Diego, CA	Adjunct Professor
2006-2009	UCSD SOM, Dept of F&PM	La Jolla, CA	Postdoctoral Scholar
07/01/09-06/30/11	UCSD SOM, Dept of F&PM	La Jolla, CA	Assistant Adjunct Professor III
07/01/11-06/30/13	UCSD SOM, Dept of F&PM	La Jolla, CA	Assistant Adjunct Professor IV
07/01/13 – 06/30/15	UCSD SOM, Dept of F&PM	La Jolla, CA	Associate Adjunct Professor II (accelerated)
07/01/15 -06/30/17	UCSD SOM, Dept FMPH	La Jolla, CA	Associate Adjunct Professor IV (accelerated)
07/01/17 - 2018	UCSD SOM, Dept FMPH	La Jolla, CA	Full Adjunct Professor II (accelerated)
2015 - 2018	UCSD, Qualcomm Institute	La Jolla, CA	Director, Research in Environments, Active aging & Community Health (REACH)
2016-2018	Moore's Cancer Center	La Jolla, CA	Cancer Prevention Program Lead
2016-present	University of Southern Denmark	Odense	Non salaried Full Professor

Education

School, college, university, or hospital (internship, residency, or fellowship)	Dates of attendance	Location	Major subject or field	Degrees or certificates	Date received
University of Bristol	1999-1994	Bristol, England	French & Philosophy	BA	06/1994
University of Bristol	1996-1997	Bristol, England	Exercise & Health Sciences	MSc	02/1997
University of Birmingham	1998-2001	Birmingham, England	Exercise Psychology & Health Promotion	PhD	06/2001
University of California, San Diego	2004-2008	San Diego	Post doctoral training		
University of South Carolina	Sept 2005	Hilton Head	Physical Activity and Public Health course		
NCI/University of Harvard	July 2014	Boston	Training in Dissemination & Implementation Research in Health		

Contributions to science

My research focuses on developing novel methods to objectively assess physical activity and sedentary behavior in time and space using mobile sensors in order to better evaluate interventions that change how and where older adults are active. I have pioneered the use of SenseCams, GPS devices and machine learning methods to improve location and activity classification. I currently have over 200 peer reviewed publications and book chapters. I was named in the Thomson Reuters World's Most Influential Scientific Minds in 2014-17. My h-index is 46. I received almost \$50 million in grants funds as PI or Co-I.

I would like to continue to employ intensive longitudinal data to help clinicians to monitor changes in sleep, gait and lifespace that could be precursors of frailty and falls in older adults and cancer patients.

1) Research contributing to the CDCs community guide. My PhD research focused on promotion of stair climbing in community settings including train stations, shopping centers and office buildings. I employed my experience from working in advertising to test different promotional techniques and understand how the environment itself encouraged stair use. In particular, older adults benefitted from the promotional montage and increased their stair climbing the most. This body of research resulted in 9 publications which have contributed to the recommendations from the CDCs community guide that stair prompts are a successful intervention strategy with the highest level of evidence.

1. **Kerr J.**, Eves F., Carroll D. Posters can prompt less active people to use the stairs. *J Epidemiol Comm Health* 2000 54 (12): 942-943
2. **Kerr J.**, Eves F., Carroll D. The influence of poster prompts on stair use: The effects of setting, poster size and content. *Brit J Health Psych* 2001 6: 397-405 Part 4
3. **Kerr J.**, Eves F., Carroll D. Six-month observational study of prompted stair climbing. *Prev Med* 2001, 33 (5): 422-427
4. **Kerr J.**, Eves F., Carroll D. Getting more people on the stairs: The impact of a new message format. *J Health Psychol* 2001 6 (5): 495-500

2) Research into built environment, physical activity and sedentary behavior in adults & older adults. My postdoctoral research built upon my understanding of environmental predictors of stair climbing and extended to neighborhood level predictors of physical activity and sedentary behavior. Under the mentoring of Dr Sallis, I helped to establish the International Physical activity & the Environment Network and succeeded in gaining funding from NIH for a 12 country adult study and a 13 country adolescent study. In particular, I focused on environment predictors of older adults' physical activity and developed tools to assess environments in and around retirement communities. During this time I also had experience geocoding the San Diego WHI cohort. After 10 years, the IPEN study has now come to fruition including papers in high impact journals such as the *Lancet* and *Environmental Health Perspectives*.

1. **J Kerr**, J., Carlson, J.A., Sallis, J.F., Rosenberg, D., Leak, C.R., Saelens, B.E., Chapman, J.E., Frank, L.D., Cain K.L., Conway T.L., & King, A.C. Assessing health-related resources in senior living residences. *Journal of Aging Studies* 2011 25: 206-214.
2. **Kerr, J**, James F Sallis, Neville Owen, Ilse De Bourdeaudhuij, Ester Cerin, Rodrigo Reis, at al. Advancing Science and Policy through a Coordinated International Study of Physical Activity and Built Environments: IPEN Methods *Journal of Physical Activity and Health* 2013 May;10(4):581-601
3. **J Kerr**, G Norman, R Millstein, MA Adams, C Morgan, RD Langer, M Allison. Neighborhood Environment and Physical Activity Among Older Women: Findings From the San Diego Cohort of the Women's Health Initiative. *Journal of Physical Activity & Health* 2013 Aug 19.
4. **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, Mitás J, Natarajan L. Perceived Neighborhood Environmental Attributes Associated with Walking and Cycling for Transport among Adult Residents of 17 Cities in 12 Countries: The IPEN Study. *Environ Health Perspect*. 2015 Jul 17.
5. Sallis JF, Cerin E, Conway TL, Adams MA, Frank LD, Pratt M, Salvo D, Schipperijn J, Smith G, Cain KL, Davey R, **Kerr J**, Lai PC, Mitás J, Reis R, Sarmiento OL, Schofield G, Troelsen J, Van Dyck D, De Bourdeaudhuij I, Owen N. Physical activity in relation to urban environments in 14 cities worldwide: a cross-sectional study. *Lancet*. 2016 Apr 1. pii: S0140-6736(15)01284-2.

3) Integrating GPS data in health research. To better understand the relationship of the built environment to behaviors and health, I started to employ GPS devices to assess locations throughout the day and develop exposure measures from this data. To merge accelerometer and GPS data we developed the Personal Activity Location Measurement System (PALMS) supported by an NIH Gene & Environment Initiative grant. In addition, I was PI for an R21 study to develop methods to integrated GIS and GPS data. This understanding of data from a new device and at a new level of specificity has led to leadership in this field and reviews to help others collect data and frame their research.

1. **J Kerr**, S Marshall, S Godbole, S Neukam, K Crist, K Wasilenko, S Golshan, D Buchner.. The Relationship between Outdoor Activity and Health in Older Adults Using GPS *Int. J. Environ. Res. Public Health* 2012, 9(12), 4615-4625.

2. **Kerr J**, Duncan S, Schipperijn J. Using global positioning systems in health research: a practical approach to data collection and processing. *Am J Prev Med.* 2011 41(5):532-40
3. Carlson, J.A., Janowska, M.M., Meseck, K., Godbole, S., Natarajan, L., Raab, F., Demchak, B., Patrick, K., & **Kerr, J.** Validity of PALMS GPS scoring of active and passive travel compared to SenseCam. *Medicine & Science in Sports & Exercise* 2014.
4. Marta M Jankowska, Jasper Schipperijn, **Kerr, J.** A Framework for Using GPS Data in Physical Activity and Sedentary Behavior Studies. *Exercise & Sports Sciences Reviews* 43 (1): 48-56

4) Advancing objective measurement of sedentary behavior and physical activity across the lifespan using computational techniques. During the validation phase of the PALMS system and 400m walk tests in older adults with accelerometer data, it became apparent that existing accelerometer thresholds were not correctly classifying walking behavior and other transportation modes, especially in older adults. The validation data set we collected for the PALMS was the first step to establishing training data for novel machine learned techniques to better classify behaviors. I was then funded as PI by NCI in two R01 studies to further develop these methods by collecting training data in free living adults using automatic camera capture. This has enabled us to develop algorithms that can be applied to epidemiological cohorts of free living populations. We are the only research group in the world developing free living algorithms, further we are investigating these classifications in participants aged 6-85 so that we can establish whether population groups require specific algorithms. This research is shifting physical activity measurement from an intensity based paradigm to a more public health relevant behavioral paradigm.

1. **J Kerr**, SJ Marshall, S Godbole, J Chen, A Legge, AR Doherty, P Kelly, M Using the SenseCam to Improve Classifications of Sedentary Behavior in Free-Living Settings . (2013) *American Journal of Preventive Medicine* 44 (3), 290-296
2. Katherine Ellis, Suneeta Godbole, Simon Marshall, **Jacqueline Kerr**, Gert Lanckriet and John Staudenmayer Identifying active travel behaviors in challenging environments using GPS, accelerometers and machine learning algorithms. *Frontiers in Public Health Education and Promotion.* 2014 Apr 22;2:36
3. Ellis, Katherine; **Kerr, Jacqueline**; Godbole, Suneeta; Lanckriet, Gert; Wing, David; Marshall, Simon A comparison of wrist and hip accelerometers for the prediction of energy expenditure and type of physical activity *Physiological Measurement* 35 (11), 2191
4. **Kerr J**, Patterson RE, Ellis K, Godbole S, Johnson E, Lanckriet G, Staudenmayer J. Objective Assessment of Physical Activity: Classifiers for Public Health. *Med Sci Sports Exerc.* 2016 May;48(5):951-7
5. Kat Ellis, **Kerr, Jacqueline**; Godbole, Suneeta; Gert Lanckriet; John Staudenmayer Hip and Wrist Accelerometer Algorithms for Free-Living Behavior Classification. *MSSE* 2016

5) Physical activity and sedentary behavior interventions in older adults. Interventions have always been a priority for my research, and my interest in developing advanced measures is to better evaluate such interventions. Our work in built environment predictors of physical activity indicated that individual level interventions would have limited impact on population level physical activity. My interventions have therefore focused on a multilevel approach to behavior change. Further, the built environment studies have led me to consider specific behaviors, for example walking for transportation vs leisure. It was therefore a natural progression to consider sedentary behavior as unique behavior with its own set of predictors and intervention techniques. My intervention work has been supported by the Stein Institute for Aging, the Department of Family Medicine & Public Health, and two NHLBI funded R01s. Most recently, I received AHA funding to study increasing standing time in Latinas.

1. Rosenberg D, **Kerr J**, Sallis J, Patrick K, Moore D, King A. Feasibility and Outcomes of a Multilevel Place-based Walking Intervention for Seniors: A pilot study. *Health Place.* 2009 15(1):173-9.
2. **Kerr J**, Dori Rosenberg, Andrea Nathan, Rachel Millstein, Jordan Carlson, Katie Crist , Kari Wasilenko, Khalisa Bolling, Cynthia M Castro, David Buchner, Simon Marshall. Applying the Ecological Model of Behavior Change to a Physical Activity Trial in Retirement Communities: Description of the study protocol. *Contemporary Clinical Trials* 2012; 33(6):1180-1188.
3. DE Rosenberg, NM Gell, SMW Jones, A Renz, **J Kerr**, PA Gardiner. The Feasibility of Reducing Sitting Time in Overweight and Obese Older Adults. *Health Education & Behavior.* 1090198115577378 2015
4. Bellettiere J, Carlson JA, Rosenberg D, Singhania A, Natarajan L, Berardi V, LaCroix AZ, Sears DD, Moran K, Crist K, **Kerr J.** Gender and Age Differences in Hourly and Daily Patterns of Sedentary Time in Older Adults Living in Retirement Communities. *PLoS One.* 2015 Aug 21;10(8):e0136161.
5. **Kerr J**, Takemoto M, Bolling K, Atkin A, Carlson J, Rosenberg D, Crist K, Godbole S, Lewars B, Pena C, Merchant G. Two-Arm Randomized Pilot Intervention Trial to Decrease Sitting Time and Increase Sit-To-Stand Transitions in Working and Non-Working Older Adults. *PLoS One.* 2016 Jan 6;11(1):e0145427.
6. White MN, King AC, Sallis JF, Frank LD, Saelens BE, Conway TL, Cain KL, **Kerr, J.** Caregiving, Transport-Related, and Demographic Correlates of Sedentary Behavior in Older Adults: The Senior Neighborhood Quality of Life Study. *J Aging Health.* 2015 Nov 3.
7. Rosenberg DE, Bellettiere J, Gardiner PA, Villarreal VN, Crist K, **Kerr J.** Independent Associations Between Sedentary Behaviors and Mental, Cognitive, Physical, and Functional Health Among Older Adults in Retirement Communities. *J Gerontol A Biol Sci Med Sci.* 2016 Jan;71(1):78-83.

Complete List of Published Work in link below and at end of CV:

http://scholar.google.com/citations?sortby=pubdate&hl=en&user=u0nX3Z8AAAAJ&view_op=list_works

Grants

Ongoing Research Support

NIH/NHLBI HL136407-01A1 (PI: Mills)

04/17-03/22

Title: HL-132 Increasing Adherence to Guideline-Based Exercise Therapy For Chronic Heart Failure

Major Goals: Heart failure (HF) affects approximately 6 million Americans, with approximately 650,000 new cases/year, and is associated with high rates of mortality. Although regular physical activity / exercise has been shown to significantly improve exercise tolerance and reduce morbidity and mortality in HF, exercise as a reliable adjunctive intervention remains limited due to extremely poor adherence. This proposed study will examine the effectiveness of the *HEART-PLAY* exercise intervention led by peer and clinic staff to significantly improve and sustain exercise adherence in HF patients

NIH/NIA 1P01AG052352-01A1 (PIs: LaCroix/Kerr)

07/17 -05/22

Title: Sedentary Behavior Interrupted: Acute, medium and long-term effects on biomarkers of healthy aging, physical function and mortality

Major Goals: Sitting time may be particularly bad for the health of older women. This program grant will provide new and improved evidence to help the public understand how to interrupt sitting in ways that support healthy aging. We have therefore designed a Program project Sedentary Time and Aging Research (STAR) to provide more rigorous and comprehensive evidence on how to interrupt sitting time and the consequences for healthy aging in comparison to increasing PA. In particular, we are proposing a paradigm shift away from energy expenditure as the primary mechanism for health outcomes to investigating behaviors such as brief sit-to-stand transitions that expend little energy but engage muscles, improve postural blood flow, and may impact physical functioning in older adults. The STAR program will include 3 Projects and 3 Cores for study of postmenopausal women at risk for chronic disease. All projects will compare effects across age groups. STAR will provide a comprehensive evidence base that can inform public health guidelines on SB and aging.

16SFRN 27960002 (Allison)

04/16 - 03/20

AHA SFRN: UCSD Women's Cardiovascular Health Research Center

Aims: Among Latinas residing in San Diego, to conduct 3 interrelated, translational projects to determine the risk factors for sedentary behavior, if sitting time can be reduced by a behavioral intervention and what the physiologic changes are with reduced sitting time. Project 2 (Kerr PI) Randomized control trial to reduce sitting time in postmenopausal Latina women at increased risk for heart disease

National Science Foundation (Jankowska)

6/2016 – 05/2019

Geography and Spatial Sciences Program Hispanic Access and Exposure to the Built Food Environment

U54 EB020404 (PI: Santosh/subPI: Kerr)

9/29/14 – 9/30/18 1.2 calendar

NIH/NIBIB Title: Center of Excellence for Mobile Sensor Data-to-Knowledge (MD2K)

The Center will generate generalizable theory, methods, tools and software to address major barriers to processing complex mobile sensor data. It will develop and implement a standards-based, interoperable, extensible and open-source gig data software platform for efficient implementation of MD2K data analytics.

NCI R21 CA194492-01 (Carlson)

02/01/2016-01/31/2018

Ecological Video Analysis for Automated Assessment of Physical Activity (E-VIP)

The goal of this study is to develop and validate novel video analysis algorithms for automated ecological assessment of physical activity in settings.

NIH/NHLBI 1R01HL125405 (Kerr)

12/14 – 11/19

PEP4PA - Peer Empowerment Program for Physical Activity in Low Income & Minority Seniors

In a 2-year cluster randomized, controlled field trial of 408 ethnically diverse, older adults (50+ years old) in 12 low income senior centers in San Diego County, we will investigate the efficacy of PEP4PA to reduce disparities in PA by increasing the percentage of participants achieving 150 minutes of PA per week and to improve physical functioning & fitness, blood pressure, depressive symptoms and quality of life at 6, 12 & 24 months. We will assess the incremental cost effectiveness ratio of PEP4PA in terms of cost per MET hour and cost per QALY compared to usual programming in the control centers at 12 & 24 months.

NIH/NCI 1R01CA179977-01 (Kerr)

09/01/13 – 08/31/17

Title: (PQA4) GPS exposure to environments & relations with biomarkers of cancer risk

Major goals: The goal of this project is to assess whether *Dynamic* GPS based measures of environmental exposures will be more strongly related to behavior and insulin and inflammation biomarkers than *Static* address based GIS measures of access.

Completed grants

5 U54 CA155435-02 (Patterson/Kerr)

07/01/11 - 06/30/16

NCI/NIH

TREC - Energetics & Breast Cancer: Obesity, Inflammation, Insulin Resistance & Risk

The overall objective of the UCSD TREC Center is to assemble transdisciplinary scientific collaborators to address questions regarding insulin resistance and inflammation underlying the association of energetics with breast cancer carcinogenesis, from the cell to the community. **Project 4 (Kerr- PI)** will advance the science of energy expenditure estimation by using branched equation modeling techniques and artificial neural networks to analyze accelerometer and heart rate data from participants in Projects 2 and 3. Global Positioning System data, which track individuals' spatial-temporal paths, combined with existing Geographic Information Systems data for San Diego County, will allow us to develop obesogenic environmental exposure estimates and relate these to metabolic risk factors.

1 R01 CA164993-01A1 (Kerr)

07/12 - 04/16

NIH/NCI

Validating Machine-Learned Classifiers of Sedentary Behavior and Physical Activity

The purpose of this study is to refine and validate new machine learned classification algorithms using accelerometer, GPS SenseCam data. This study will focus on behaviors that are most frequently misclassified: moderate intensity activities that are coded as light, light activities that are coded as sedentary, and sedentary activities that are coded as light or non wear time.

R01 HL111378 (Sallis - PI)

12/11-11/15

NIH/NHLBI

IPEN Adolescent: International Study of Built Environments and Physical Activity

This study is a collaborative international study to produce more accurate effect size estimates of the relation of built environment factors to physical activity and weight status outcomes in adolescents aged 12-18 years. At least 9 countries will use common study designs and measures to collect data that will be used for pooled analyses. SDSU is taking the lead in coordinating the various studies.

Role: Investigator

R21 CA169535-01 (Kerr-PI)

7/12-6/14

NIH/NCI

Development and Validation of Novel Prospective GPS/GIS Based Exposure Measures

The purpose of this study is to develop new methods to match GPS and GIS data to better understand daily exposure to built environments.

Dept of Family Medicine & Public Health (Kerr - PI)

06/13-05/14

Pilot intervention in sedentary behavior in older adults

R21 NCI Bicycle Train Pilot Study (Mendoza - PI)

Developed algorithms to detect cycling in school age children

R01 HL109222 (Sallis - PI)

07/11 - 06/15

NIH/NHLBI

6-Year Study of Seniors' Neighborhood Environments, Physical Activity & Function

The proposed study is a 6-year follow-up of the Senior Neighborhood Quality of Life Study (SNQLS) cohort of 66+ year-old residents of neighborhoods selected to maximize variability in walkability and income. The primary aim is to explain patterns of change in physical activity from 7-day accelerometry over 6 years by comprehensive measures of neighborhood environments and psychosocial variables.

Role: Investigator

R01 HL098425 (Kerr-PI)

06/10 - 05/14

NIH/NHLBI

MIPARC - Multilevel Intervention for Physical Activity in Retirement Communities

This study will test the efficacy of a 12 month multi level physical activity intervention, MIPARC (Multilevel Intervention for Physical Activity in Retirement Communities) using a group randomized control design. It will be compared to a successful aging educational attention control condition in 320 residents of 16 CCRCs in San Diego County.

R01 CA127296 (Sallis-PI)

09/09-12/12

NIH/NCI

IPEN: International Study of Built Environment, Physical Activity, and Obesity

This study is a collaborative international study to produce more accurate effect size estimates of the relation of built environment factors to physical activity and weight status outcomes. About 10 countries are using common study designs and measures to collect data that will be used for pooled analyses. SDSU is taking the lead in coordinating the various studies.

1R01ES020429 (Patrick PI)

7/1/11-6/30/13

NIH/NCI

Validation of Objective Measures of Place-Based Physical Activity

In this study we will: a) Demonstrate the usability of PALMS in a community-based R01 trial through two rounds of assessment with participants and research staff; b) Demonstrate that PALMS can collect more precise and valid data on continuous combined measures of physical activity (via accelerometer) and location-x-time (via GPS) than current survey methods; and c) that these data provide added value to researchers as they have greater ability to predict location-x-PA relationships than current GIS or survey based methods

Stein Institute (PI Kerr)

9/11-8/12

Validating improved measures of sedentary behavior and outdoor physical activity in SAGE participants

To use SenseCams, GPS and accelerometer to assess outdoor physical activity in older adults.

Dept of Family Medicine & Public Health (Kerr - PI)

06/11-05/12

Pilot intervention in diverse, low income senior centers

NIH/NIEHS R01 ES014240 (PI: Saelens)

9/05-7/10

University of Washington subcontract

Child Weight Status and Neighborhood Physical Activity & Nutrition Environment

This study investigates the link between 6-11 year-old children's weight status and weight-related behaviors and the physical activity and nutrition environment in which they live. Role: Investigator

NCI 1 R01 HL083454 (PI: Sallis)

7/07-6/11

Ecological Analysis of Activity, Eating, & Weight in Adolescents

This study examines the relations between adolescent's eating and physical activity and the built physical activity and nutrition environments around their homes and schools. Role: Investigator

NCI 1U01CA130771-01 (PI: Patrick)

7/07-6/11

A Tool for Geospatial Analysis of Physical Activity (PI: Patrick)

This study will develop an integrated system for measuring physical activity in time and space.

Role: Investigator

NCI 1R21CA127777-01A1 (PI: Allison)

5/08-4/10

Built Environment and Cancer

Exploration of the relationship between built environment, physical activity, diet and cancer in WHI participants in San Diego. Role: Investigator

CDC: SIP 10 Assessment of Bicycle and Pedestrian Masterplans. 10/07-9/09 (PI: Kerr)

Development of a coding tool to assess masterplan quality and explore variables of quality to inform DOT funders of plans.

NIH/NCI R01 CA113828 (PI: Norman) 8/05-7/09 Multilevel Mechanisms of Physical Activity Change

Role: Investigator

NIH/NHLBI R01 HL077141 Neighborhood Quality of Life Study in Seniors (PI: King) 9/04-8/08. The major goals of this project were to assess the relationship between the built environment and health

Role: Investigator

UCSD/Stein Institute: HAPS (PI: Kerr). 11/01/07-10/31/08. Randomized control trial of a multi level walking intervention.

Pending

R01 to NIDDK: Sitting patterns & metabolic syndrome (PI)
R01 to NCI: New methods to assess physical activity cancer risk

In submission

R01 to NCI: Built environment moderators of weight loss in breast cancer (PI)
R01 to NCI: Sleep and cancer risk in diverse populations (PI)

University Service

Contributed to the Stein Institute for Research on through their newsletter, lectures to community members, KPBS interview, and input into annual reviews (2006 – Present)
Member of Aging & Independent Services Health Promotion Committee & Represent UCSD at their monthly meetings (2008-present)
Served as a UCSD CRCHD Pilot Project reviewer (2009)
Member of the JDP Curriculum Review Committee for the Health Behavior Track (2009 – Present)
Represent UCSD on the Leadership Team of the Health and Human Services Communities Putting Prevention to Work Grant (2009-2013)
Coordinator of the JDP Health Behavior Practicum (FPM 280A) (2010 – Present)
Moore's Cancer Center Annual Retreat organizing committee (2011-12)
DFPM Centers of Excellence advisory board (2011-present)
DFPM advisory board (2011-present)
DFPM Junior faculty coordinator (2011-2013)
DFPM Research retreat committee chair (2012)
DFPM Administrative Vice Chair candidate review committee (2012)
CTRI grant reviewer (2014-present)
Chancellor's Advisory Committee on the Status of Women (2012-2014)
DFPM K award Committee (2014-2016)
DFPM BSPH FPM110 overview committee (2014-2016)
Scientific Review Committee for ACS-IRG pilot project grant applications (2014-present)
Cancer Prevention Program Lead 2016-present
Mentoring pilot training - 2017

External Professional Activities

Community service:

AARP Livable Communities Committee CA (2015-present)
SANDAG Border Health Equity Stakeholder Group (2013-present)
CDC Health Works SANDAG Public Health Stakeholder's advisory board (2010-present)
CDC National Mobility Action Plan (2012)
CDC Health Works Resident Leadership Academy external advisory board (2010-2012)
San Diego Regional Transportation Plan (2008)
Advisor Heart and Stroke Foundation of Canada (2008-2012)
Senator Torlakson's Wellness Taskforce, PERK adviser (2009)
Project LEAN and California School Board Association adviser (2009- 2012)

Advisory services:

WUSTL TREC survey reviewer (2011)
CDC Mobility project (2011-present)
GPS Health Research Network treasurer (2010-present)
International Study of Childhood Obesity, Lifestyle and Environment (ISCOLE) (2010-present)
Data analysis and report writing for Lawrence Frank & Company Inc. (2006-2008)
Grant writing & literature searches for Santech (2006-2008)
Survey design for California Department of Public Health (2008)
Wellcome Trust, UK (2007)
Presentation for the California Department of Health Services, "Creating Opportunities for Everyday Physical Activity". (2005)

Journal Reviewer for the following Journals (2004-present):

Active Living Research Conference
American Journal of Health Promotion
American Journal of Preventive Medicine

American Journal of Public Health
Annals of Behavioral Medicine
Archives of Pediatrics & Adolescent Medicine
British Journal of Health Psychology
British Medical Journal
Children, youth and environments
Environment & Behavior
Health Psychology
International Journal of Behavioral Nutrition and Physical Activity
International Journal of Public Health
Journal of aging and physical activity
Journal of Evaluation Research
Journal of Physical Activity and Health
Journal of Science and Medicine in Sport
Journal of Sports Sciences
Medicine and Science in Sports and Exercise
Preventive Medicine
Society of Behavioral Medicine Conference
Journal of the American Medical Association

Grant Reviewer for the following Agencies:

TIDIRH fellowship applications
Canadian Chair Fellowship & infrastructure grant
NIH PAR 14 315 Multilevel interventions for health enhancing physical activity
NIH Community Level Health Promotion study section
NIH NHLBI study section for K awards (Mentoring Programs to Promote Diversity in Health Research)
NIH National Cancer Institute Provocative Questions RFA
NIH National Institute for Mental Health
French National Research Agency
Irish Heart Association
UK Cancer Research
Academic Collaborative Centres of Public Health of ZonMw, Netherlands
Active Living Research Grants
Health Research Board, Ireland
UC San Diego CRCHD Pilot Project
University of Southern California
San Diego County Health and Human Services Agency
Research Foundation Flanders
Resident Leadership Academy grants

Invited speaker:

San Diego Nerd Night : Nothing Butt Time Aug 2017
Sedentary behavior methods – Baker IDI Melbourne Dec 2016
Physical activity and context in older adults – Australian Catholic University, Active Aging Group, Melbourne Dec 2016
Physical activity assessment methods – Victoria University Melbourne Dec 2016
ISLI & ACSM technology conference – Youth & Older adults Dec 2016
NCI TEAM talk Dec 2016
Community interventions in older adults Active Living Research Conference, Denmark Sept 2016
PAPRN Walking & Walkability Webinar July 2016
Center for Ethics in Science & Technology, May 2016
Mobile Sensors in Cancer Research, Huntington Cancer Center, Utah, 2015
Integrating GPS and GIS for the Mobile Data to Knowledge Webinar, 2015.
Behaviors in Context: Accelerometer, GPS and GIS data for the NIEHS Exposure Science and the Exposome Webinar Series, 2015
Behaviors in Context, University of Southern California, 2015.
International Conference of Diet & Activity Methods 2015
Integration of GPS and GIS with Sensor Technologies for Improved Exposure Assessment at the NIEHS GxE workshop, 2014
International Society for Behavioral Nutrition and Physical Activity, 2012
UCSD Dept of Pediatrics, 2012
Stein Public Health Lecture Series, 2011 & 2014
Stein Grand Rounds, 2011

Society for Epidemiologic Research, Seattle 2010
Aging & Independent Services, San Diego 2010
Women in Government, San Diego 2009
Active Living Research Conference, San Diego 2009
Active Living Research Conference, Washington DC 2008
Health and Movement Conference, Czech Republic 2007
Oxford University Dept of Public Health, Oxford 2007
Active Living by Design, North Carolina 2007
Wellcome Trust UK 'Physical activity & the built environment workshop', London 2007
Royal Society of Medicine, Bicentenary Meeting: 'Creating a Fitness Environment', London 2004
Der Deutschen Gesellschaft für Senologie, München 2003
Der Deutschen Gesellschaft für Hämatologie und Onkologie, Basel 2003
Kolorektal Chirurgie Symposium, Mainz 2003
Onkologische Krankenpflege-Fortgeschrittene Praxis, St Gallen 2002

Workshop organizer/Symposia

Machine learned methods for physical activity ACSM 2017
GPS workshop ISBNPA 2014
Early Career workshop ISBNPA 2014
ISBNPA 2014 technology symposium discussant
ISBNPA 2014 older adult environment symposium
ALR technologies workshop 2014
SenseCam Conference organizer 2013
SenseCam TREC conference workshop 2013
GPS and SenseCam Methods Active Living Research 2012
Gene & Environment Initiative International Society for Behavioral Nutrition and Physical Activity 2012
GPS & SenseCam Processing, International Society for Behavioral Nutrition and Physical 2012
PALMS User conference San Diego 2012
Ecological Interventions, American Society for Aging 2011
GPS Methods Active Living Research 2011
PALMS User conference San Diego 2011
3 Gs: Genes, GPS and GIS, San Diego 2009
GPS Methods Active Living Research 2009

Recent conference presentations:

ACSM 2016
TREC NCI 2016
ACSM San Diego 2015
ICDAM Brisbane 2015
ISBNPA San Diego 2014
ACSM, San Francisco 2012
Sense Cam, Oxford 2012
ALR, San Diego 2012
ALR, San Diego 2011
ICPAPH, Toronto 2010
SBM, San Diego 2008
ALR, DC 2008
Health & Movement, Czech Republic 2007
HAN Seattle 2007
SBM, San Francisco 2006
ALR, San Diego 2006
ISBNPA, Amsterdam 2005
ACSM, Nashville 2005
SBM, Boston 2005
Deutschkrebsgesellschaft, Berlin 2004
6th World Congress of Psycho-Oncology, Banff 2003
European Communication Congress, Munich 2003
European Health Psychology Society, St Andrews 2001
European Health Psychology Society, Leiden 2000
British Society of Health Psychology, Leeds 2000
UK Health Education Authority Physical Activity: Next Steps, Birmingham 1999

Memberships

International Physical Activity & the Environment Network (2004-present)
American College of Sports Medicine (2005-present)
Society of Behavioral Medicine (2005, 2012)
Physical Activity Policy Research Network (2008-present)
International Society of Behavioral Nutrition and Physical Activity (2008- present)
Walk San Diego (2008-present)
GPS Health Research Network (2010-present)
International Society of Physical Activity and Public Health (2010-present)
TREC GIS working group co-chair & member (2011-2013, present)

Honors and Awards

Travel Scholarship to "Research Agenda for Cognitive Activity: Does Mental and Physical Activity Promote Cognitive Vitality in Late Life?" (Feb 2006)
Junior Investigator Award from Stein Institute for Research on Aging, UCSD. (2007)
UCSD Travel Scholarship to ICPAPH Toronto (2010)
Junior Faculty Mentoring Award (2014)

Contributions to Promoting Diversity

I have mentored two minority supplement graduate students a McNair scholar and several Preuss High School students in the H-Star program. In the M-STAR program I mentor several minority students. Additionally my International Physical Activity and the Environment Network activities include supporting and training researchers from developing countries to conduct Active Living Research.
I have mentored two minority candidates for their K award applications. I conducted a pilot study in Latino and African Americans and mentored several minority students as interns for this project.
I am mentoring a K awardee studying physical activity in Somali refugees
I have served on the NHLBI K review committee for Mentoring Programs to Promote Diversity in Health Research
I have served on the Border Health Equity Transportation Study Stakeholder Committee
I mentor 2 postdoctoral students funded through NCI and NHLBI diversity supplements.
I have mentored several diverse undergraduate students from the BSPH
Two of my R01 grants are focused on diverse communities including Hispanics and low income diverse seniors.
I am a Project lead on the AHA SFRN on sedentary behavior in Latinas

Leadership activities

Cancer Prevention Program Lead 2016-present
Active Living Research International Special Issue editor 2016
International Conference of Diet and Activity Methods scientific committee 2015
Co-Chair Council of Environment and Physical Activity for the International Society of Physical Activity and Public Health (2013-15)
GPS Health Research Network Treasurer
Communications coordinator of the Council of Environment and Physical Activity for the International Society of Physical Activity and Public Health (2011)
Aging & Independent Services: Health Promotion Committee (2009-present)
San Diego County, Active Transportation 2010 Committee (2008-present)
TREC GIS working group Co-Chair (2013)

Student Instructional Activities

Teaching

Joint Doctoral Program in Public Health Behavior Track: Practicum Director
Joint Doctoral Program in Public Health Behavior Track: Guest lecturer in advanced physical activity measurement & career advice
Bachelor of Science in Public Health: guest lecture in multilevel interventions & career advice
Geriatrics grand rounds
Urban Studies and Planning: guest lecture in built environment
Bachelor of Science in Public Health Behavior Change Course overview committee (2014-present)
Previous teaching has included: MPH level research methods, survey design

H-STAR Students:

Tony Chau (2015)
Giovanni Paredes(2015)
Kevin Le (2014)
Ezekiel Samatua (2014)
Encino Nungaray (2014)
Peter Nguyen (2013)
Daisy Flores (2012)
Denise Mojicha (2012)
Kara Macera (2011)
Sharon Nygen (2011)
Manit Munshi – internship supervisor (2009)
Alicia Thomas – internship supervisor (2008)
Christina Khavarian– internship supervisor (2007)

Undergraduates:

Alajajian, Celine Stephanie – 199 (2016)
Juan, Joana Marie Solis – 199 (2016)
Nguyen, Amy – 199 (2016 & 2015)
Raman, Divya Lakshmi – 199 (2016)
Schumacher, Benjamin Troy – 199 (2016 & 2015)
Tiacharoen, Sharon - 199 (2016 & 2015)
Yaldo, Ashley Mariam – 199 (2016)
Yee, Cynthia - 199 (2015 & 2014)
Madeline Richie – internship supervisor (2014)
Krystal Martinez – internship supervisor (2014)
Evelyn Balderas – internship supervisor (2014)
Linda Poon – honors thesis supervisor (2012)
Michael Lam – Calit2 scholarship mentor (2012)
Tara Singh internship supervisor (2009)
Holly Forman – internship supervisor (2007)
Raquel Alva – internship supervisor (2008)
Michaela Restivo – internship supervisor (2007)
Christopher Hunter – internship supervisor (2005)
Eastern Kang – internship supervisor (2007)
Jodie Delasandro – internship supervisor (2005)
Christina Prounh – internship supervisor (2006)
Jason Maher – internship supervisor (2007)
Caroline Garcia – internship supervisor (2005)
Rachael Ferraiolo – internship supervisor (2005)
Michele Velasquez – internship supervisor (2006)
Aoife Druhan – internship supervisor (2006)

MSTAR Students:

Karina Torres (2016)
Catherine Stir (2016)
Vania Leung - internship supervisor (2012)
Ali Jamil - internship supervisor (2012)
Suvi Neucam - internship supervisor (2011)
Lorimar Ortiz – internship supervisor (2010)
Emily Kraus – internship supervisor (2009)
Michaela Restivo– internship supervisor (2007)

Masters/Doctoral Candidates:

Lauren – Advisory committee
Alma – Advisory committee
Katie Thralls – Advisory committee, internship supervisor (2016-present)
Lilian Perez - PhD thesis committee (2016-present)
Selene Xu – PhD thesis committee (2016-present)
Sandahl Nelson – F31 mentor & thesis committee co-chari (2015 - present)
John Bellettiere – internship supervisor & thesis committee (2015-present)
Christina Thornton – PhD Advisory committee & thesis committee (2014-present)

Kelsie Full – PhD Advisory committee, thesis chair (2014-present)
Kristi Robusto - PhD thesis committee (2014-2016)
Michelle Black/Takemoto – PhD thesis chair (2013-present)
Mohammad Moghimi - PhD Project supervisor (2013- 2016)
Jules Klunkel - PhD thesis examiner (2015)
Katherine Ellis – PhD Project supervisor & thesis committee (2011- 2016)
Barry Demchek – PhD Project mentor (2009-2012)
Jordan Carlson - PhD internship supervisor & committee member (2010-2013)
Miccalla Williden – PhD thesis examiner (2012)
Rachel Millstein – PhD internship advisor (2011)
Ernesto Ramirez – PhD internship advisor (2010)
Dori Rosenberg – PhD thesis advisor (2006-2011)
Mary Eckhart – MPH Committee (2012)
Ashley Withers – MPH thesis advisor (2009)
Erica Bromby – MPH thesis advisor (2008)
Ashley Withers – internship supervisor (2008)
Tracy Hoos – MPH thesis advisor (2009)
Chandra Quigley – internship supervisor (2008)
Josef Jeremijam – MPH thesis advisor (2007)
Chickarlo Leak –MPH diversity supplement supervisor (2008)
Erin Merz– research advisor for specific study (2009)
Nina Schwartz – MPH thesis advisor (2006)
Megan Grimesvelt – MPH thesis advisor (2008)
Jason Eggerman – MPH internship supervisor (2005)
Nikki Wagner – MPH thesis advisor (2006)
Yoshino Tsuyoshi – MS thesis advisor (2006)
Meagan Peckham – MS thesis advisor (2005)

K career award candidate mentoring

Pooja Tandon (awarded - consultant)
Christina Holub (awarded - consultant)
Lisa Cadmus (awarded- mentor)
Dori Rosenberg (awarded - mentor)
Zvinka Zlatar (awarded - mentor)
Kate Murray (awarded - mentor)

Post doctoral mentoring

Jay Yang (2017-present)
Michelle Takemoto (2017-present)
Porchia Rich (2015-2017)
Marta Jankowska (2014-16)
Lorena Martin (2014-15)
Job Godino (2015- 2016)
Jordan Carlson (2012-14)

Peer reviewed publications

1. **Kerr J.**, McKenna J. A randomized control trial of new tailored walking campaigns in an employee sample. J Health Commun 2000 5 (3): 265-279
2. **Kerr J.**, Eves F., Carroll D. Posters can prompt less active people to use the stairs. J Epidemiol Comm Health 2000 54 (12): 942-943
3. **Kerr J.**, Eves F., Carroll D. The influence of poster prompts on stair use: The effects of setting, poster size and content. Brit J Health Psych 2001 6: 397-405 Part 4
4. **Kerr J.**, Eves F., Carroll D. Six-month observational study of prompted stair climbing. Prev Med 2001, 33 (5): 422-427
5. **Kerr J.**, Eves F., Carroll D. Getting more people on the stairs: The impact of a new message format. J Health Psychol 2001 6 (5): 495-500

6. **Kerr J.**, Eves F., Carroll D. Can posters prompt stair use in a worksite environment? *J Occup Health* 2001 43 (4): 205-207
7. **Kerr J.**, Eves F., Carroll D. Encouraging stair use: Stair-riser banners are better than posters. *Am J Public Health* 2001 91 (8): 1192-1193
8. **Kerr J.**, Engel J., Hoelzel D. Comment letter on Bruce D. Minsky, *J Clinical Oncol* 2002; 20: 1971-1972: Colostomies may influence patient quality of life more than poor sphincter function. *J Clin Oncol* 2002 15 (18): 3930-3931
9. Engel J., **Kerr J.**, Hölzel D. Comment letter on Ole Olsen, Peter C. Gøtzsche *Lancet* 2001, 358:1340-42: Breast screening row overlooks basic medical facts. *The Breast* 11 2002: 460-461
10. Engel J., Eckel R., Schubert-Fritschle G., **Kerr J.**, Kuhn W., Diebold J., Kimmig R., Rehbock J., Hoelzel D. Moderate progress for ovarian cancer in the last 20 years: prolongation of survival but no improvement in cure rate. *Eur J Cancer* 2002 38 (18): 2435-45
11. Engel J., Eckel R., Aydemir Ü., Aydemir S., **Kerr J.**, Schlesinger-Raab A., Dirschedl P., Hoelzel D. Determinants and prognosis of locoregional and distant progression in breast cancer. *Int J Radiation Oncology Biol Phys* 2003 55 (5): 1186-1195
12. **Kerr J.**, Engel J., Schlesinger-Raab A., Sauer H., Hoelzel D. Communication, quality of life and age: results of a five year prospective study in breast cancer patients. *Ann Oncol* 2003 14: 421-427
13. Engel J., **Kerr J.**, Schlesinger-Raab A., Sauer H., Hoelzel D. Axilla surgery severely affects quality of life: results of a five year prospective study in breast cancer patients. *Breast Cancer Res* 2003 Tr 79: 47-57
14. Engel J., **Kerr J.**, Schlesinger-Raab A., Eckel R., Sauer H., Hoelzel D. Quality of life in rectal cancer patients: A four-year prospective study. *Ann Surg* 2003 238: 203-213
15. **Kerr J.**, Engel J., Schlesinger-Raab A., Sauer H., Hoelzel D. Doctor-patient communication: Results of a four year prospective study in rectal cancer patients. *Dis Colon Rectum* 2003 46: 1038-1046
16. Engel J., **Kerr J.**, Schlesinger-Raab A., Eckel R., Sauer H., Hoelzel D. Quality of life in breast and rectal cancer patients: results of a four year prospective study. *Eur J Cancer Care* 2003 12: 21-223
17. Engel J, Eckel R, **Kerr J.**, Schmidt M, Fürstenberger G, Richter R, Sauer H, Senn HJ, Hölzel D. The process of metastasization for breast cancer. *Eur J Cancer* 2003 39: 1794-806
18. Engel J., **Kerr J.**, Schlesinger-Raab A., Eckel R., Sauer H., Hoelzel D. Predictors of Breast Cancer Patient Quality of Life. *Acta Oncol* 2003 42: 1-9
19. Engel J., **Kerr J.**, Schlesinger-Raab A., Sauer H., Hoelzel D. Quality of life following breast conserving therapy or mastectomy: results of a five year prospective study. *The Breast Journal* 2004 10: 223-231
20. Engel J, **Kerr J.**, Eckel J, Günther B, Heiss MM, Heitland W, Siewert JR, Jauch KW, Hölzel D. Influence of hospital volume on local recurrence and survival in a population sample of rectal cancer patients. *European Journal of Surgical Oncology* 2005 31 (5) 512-20
21. **Kerr J.**, Engel J, Eckel R, Hölzel D. Survival for rectal cancer patients and international comparisons. *Annals of Oncology* 2005 16 (4): 664-72
22. Engel J, **Kerr J.**, Eckel J, Günther B, Heiss MM, Heitland W, Jauch KW, Siewert JR, Hölzel D. Quality of treatment in routine care in a population sample of rectal cancer patients. *Acta Oncologica* 2005 44 (1): 65-74
23. **Kerr J.**, Rosenberg D, Sallis J, Saelens B, Frank L, Conway T, Cain C. Active commuting to school: Associations with environment and parental concerns. *MSSE* 2006 38(4): 787-94.
24. **Kerr J.**, Frank L, Chapman J, Sallis J Exploration of the environmental correlates of walking in youth: differences by gender, ethnicity and household attributes *Transportation Research Part D: Transport and Environment* 2007 13 (3): 177-182

25. **Kerr J**, Patrick K, Norman G, Stein M, Calfas K, Zabinski M, Robinson A. Randomized Control Trial of a Behavioral Intervention for Overweight Women: Impact on Depressive Symptoms. *Depression and Anxiety* 2008 2S: 555-558
26. Frank L, **Kerr J**, Chapman J, Sallis J Urban Form Relationships with Walk Trip Frequency and Distance among Youth *American Journal of Health Promotion* 2007 21 (4): 305-11
27. Forman H, **Kerr J**, Norman G, Saelens B, Durant N, Harris S, Sallis J. Reliability and Validity of destination-specific barriers to walking and cycling for youth. *Preventive Medicine* 2008 46(4): 311-6
28. H. Mollie Grow, Brian E. Saelens, Jacqueline **Kerr**, Nefertiti Durant, Gregory J. Norman, James F. Sallis Factors associated with children's active use of recreation sites in their communities: examining accessibility and built environment. *MSSE* 2008 40 (12): 2071-9
29. **Kerr J**, Calfas K, Caparosa S, Stein M, Sieber W, Abascal L., Norman G. Patrick K. A pilot study to assess the feasibility and acceptability of a community based physical activity intervention (involving internet, telephone, and pedometer support), integrated with medication and mood management for depressed patients. *Mental Health & Physical Activity* 2008 1 1: 40-45
30. Adams MA, Ryan S, **Kerr J**, Sallis JF, Patrick K, Frank LD, Norman GJ. Validation of the Neighborhood Environment Walkability Scale (NEWS) Items using Geographic Information Systems. *Journal of Physical Activity and Health* 2009 6 Suppl 1:S113-123.
31. Frank L, **Kerr J**, Miles R, Sallis J A hierarchy of environmental and sociodemographic correlates of walking and obesity. *Prev Med.* 2008 47(2):172-8
32. **Kerr J**, Norman G, Sallis J, Patrick K. Exercise aids, neighborhood safety, and physical activity in adolescents and parents. *Med Sci Sports Exerc.* 2008 40(7):1244-8.
33. Rosenberg D, **Kerr J**, Sallis J, Patrick K, Moore D, King A. Feasibility and Outcomes of a Multilevel Place-based Walking Intervention for Seniors: A pilot study. *Health Place.* 2009 15(1):173-9.
34. Durant N, **Kerr J**, Harris S, Saelens B, Norman G, Sallis J. Environmental and Safety Barriers to Youth Physical Activity in Neighborhood Parks and Streets: reliability and validity. *Pediatric Exercise Science*, 2009 21(1):86-99.
35. Roesch S, Norman G, Adams M, **Kerr J**, Sallis JF, Ryan S, Calfas KJ, Patrick K. Latent Growth Curve Modeling of Adolescent Physical Activity: Testing Parallel Process and Mediation Models. *Journal of Health Psychology* 2009 14 (2): 313-25
36. Sallis, Saelens, Frank, Conway, Slymen, Cain, Chapman, **Kerr**. Neighborhood Built Environment and Income: Examining Multiple Health Outcomes. *Soc Sci Med.* 2009 68(7):1285-93.
37. James F. Sallis, Leslie S. Linton, M. Katherine Kraft, Carmen L. Cutter, Jacqueline **Kerr**, Julie Weitzel, Amanda Wilson, Chad Spoon, Irvin D. Harrison, Robert Cervero, Kevin Patrick, Thomas L. Schmid, Michael Pratt The Active Living Research Program: Six Years of Grantmaking *American Journal of Preventive Medicine* 2009 36 (2S) S10-S21
38. Frank L, **Kerr J**, Saelens B, Glanz K, Sallis J, Chapman J Relations between body mass index and food establishment visits: Variations by gender and race-ethnicity. *Br J Sports Med* 2009 43: 124-131
39. Grimstvedt M, **Kerr J**, Oswald S, Fogt DL, Vargas-Tonsing TM, Yin Z Using Signage to Promote Stair Use on a College Campus in Hidden and Visible Stairwells. *Journal of Physical Activity And Health.* 2010 7(2):232-238.
40. Karel Frömel, Josef Mitáš, Jacqueline **Kerr**. The associations between active lifestyle, the size of a community and SES of the adult population in the Czech Republic. *Health and Place* 2009 15 (2): 447-54
41. Durant N, Harris SK, Doyle S, Person S, Saelens BE, **Kerr J**, Norman GJ, Sallis JF. Relation of school environment and policy to adolescent physical activity. *J Sch Health.* 2009 79(4):153-9
42. Rosenberg DE, Sallis JF, **Kerr J**, Maher J, Norman GJ, Durant N, Harris SK, Saelens BE. Brief scales to assess

physical activity and sedentary equipment in the home. *Int J Behav Nutr Phys Act.* 2010 Jan 31: 7-10

43. Rosenberg D, Depp CA, Vahia IV, Reichstadt J, Palmer BW, **Kerr J**, Norman G, Jeste DV. Exergames for subsyndromal depression in older adults: a pilot study of a novel intervention. *Am J Geriatr Psychiatry.* 2010 18(3): 221-6
44. Rosenberg D, Ding D, Sallis JF, **Kerr J**, Norman GJ, Durant N, Harris SK, Saelens BE. Neighborhood Environment Walkability Scale for Youth (NEWS-Y): reliability and relationship with physical activity. *Prev Med.* 2009 49(2-3): 213-8
45. Frank L, **Kerr J**, Rosenberg D, King A. Healthy Aging and Where You Live: Community Design Relationships With Physical Activity and Body Weight in Older Americans *JPAH.* 2010 7(Suppl 1): S82-S90.
46. Lesley Steinman, MSW, MPH, Mark Doescher, MD, MSPH, David Levinger, PhD, Cindy Perry, PhD, RN, Louise Carter, PhD, Amy A. Eyler, PhD, Semra Aytur, PhD, Angie Cradock, ScD, Kelly R. Evenson, PhD, Katie Heindrich, PhD, Jacqueline **Kerr**, PhD, Jill Litt, PhD, Yucel Severcan, PhD, Philip Troped, PhD, Carolyn Voorhees, PhD. Master Plans for Pedestrian & Bicycle Transportation: Community Characteristics *JPAH*, 7(Supplement 1), March 2010
47. Sallis, J.F., **Kerr, J.**, Carlson, J.A., Norman, G.J., Saelens, B.E., Durant, N., and Ainsworth, B.E. Evaluating a brief self-report measure of neighborhood environments for physical activity research and surveillance: Physical activity neighborhood environment scale (PANES). *Journal of Physical Activity and Health* 2010 7: 533-540
48. Norman, GJ, Adams, MA, **Kerr, J**, Ryan, S, Frank, LD, Roesch, SC. A latent profile analysis of neighborhood recreation environments in relation to adolescent physical activity, sedentary time, and obesity. *Journal of Public Health Management and Practice.* 2010 16(5):411-9.
49. Eyler A, Brownson R, Aytur S, Cradock A, Doescher M, Evenson K, **Kerr J**, Maddock J, Pluto D, Steinman L, Ohara Tompkins N, Troped P, Schmid T. Examination of Trends and Evidence-Based Elements in State Physical Education Legislation: A Content Analysis.. *J School Health.* 2010 80 (7): 326-332.
50. Webb, O., Eves, F. **Kerr, J.** Statistical Summary of Mall-based Stair Climbing Interventions. *Journal of Physical Activity and Health.* 2011 8(4):558-65
51. **Kerr, J.**, Gregory J. Norman, Marc A. Adams, Sherry Ryan, Lawrence Frank, James F. Sallis, Karen J. Calfas, Kevin Patrick Do neighborhood environments moderate the effect of physical activity lifestyle interventions in adults? *Health & Place* 2010 16: 903-908.
52. Sallis, J.F., **Kerr, J.**, Spence, J.C., Gidlow, C., and Inoue, S. Latest findings on built environments and physical activity in diverse countries: IPEN. *Journal of Physical Activity and Health* 2010 7 (suppl. 3): S362-S364.
53. **J Kerr**, J., Carlson, J.A., Sallis, J.F., Rosenberg, D., Leak, C.R., Saelens, B.E., Chapman, J.E., Frank, L.D., Cain K.L., Conway T.L., & King, A.C. Assessing health-related resources in senior living residences. *Journal of Aging Studies* 2011 25: 206-214.
54. Ding, D., Sallis, J.F., Norman, G.J., Saelens, B.E., Harris, S.K., **Kerr, J.**, Rosenberg, D., Durant, N., & Glanz, K. Community food environment, home food environment and fruit and vegetable intake of children and adolescents. *Journal of Nutrition Education and Behavior.* 2011 Apr 28.
55. Ramirez, E.R., Norman, G.J., Rosenberg, D., **Kerr, J.**, Saelens, B.E., Durant, N., Sallis, J.F. Adolescent screen time and rules to limit screen time in the home. *Journal of Adolescent Health* 2011 48(4):379-85
56. Adams MA, Sallis JF, **Kerr J**, Conway T, Saelens BE, Frank LD, Norman GJ, Cain K. Neighborhood Environment Profiles Related to Physical Activity and Weight Status: A Latent Profile Analysis. *Preventive Medicine* 2011 52(5):326-31.
57. Millstein, R.A. **, Strobel, J.**, **Kerr, J.**, Sallis, J.F., Norman, G.J., Durant, N., Harris, S., & Saelens, B.E. Home, School, and Neighborhood Environment Factors and Youth Physical Activity. *Pediatric Exercise Science.* 2011 23(4):487-503 [Student mentee]
59. Ding Ding**, MPH, James F. Sallis, PhD, **Jacqueline Kerr**, PhD, Suzanna Lee, MPH, Dori E. Rosenberg, PhD, MPH Neighborhood Environment and Physical Activity Among Youth: A Review. *Am J Prev Med* 2011

41(4):442– 455 [Student mentee]

60. King AC, Sallis JF, Frank LD, Saelens BE, Cain K, Conway TL, Chapman JE, Ahn DK, **Kerr J**. Aging in neighborhoods differing in walkability and income: associations with physical activity and obesity in older adults. *Soc Sci Med*. 2011 73(10):1525-33 [Involved in study design, data collection, literature review, & context of results in discussion]
62. Rosenberg DE**, **Kerr J**, Sallis JF, Norman GJ, Calfas K, Patrick K. Promoting Walking Among Older Adults Living in Retirement Communities. *J Aging Phys Act*. 2011 Dec 20 [Student mentee]
63. **Kerr J**, Duncan S, Schipperijn J. Using global positioning systems in health research: a practical approach to data collection and processing. *Am J Prev Med*. 2011 41(5):532-40.
64. **Kerr, J**. Rosenberg D, Frank L. The role of the built environment in healthy aging: Community design, physical activity, and health among older adults. *Journal of Planning Literature* 2012 27(11):43-60.
65. Ding D, Bracy NL, Sallis JF, Saelens BE, Norman GJ, Harris SK, Durant N, Rosenberg D, **Kerr J**. Is fear of strangers related to physical activity among youth? *Am J Health Promot*. 2012 26(3):189-95
66. **Jacqueline Kerr**, James F Sallis, Neville Owen, Ilse De Bourdeaudhuij, Ester Cerin, Rodrigo Reis, Olga Sarmiento, Karel Frömel, Josef Mitáš, Jens Troelsen, Lars Breum Christiansen, Duncan Macfarlane, Deborah Salvo, Grant Schofield, Hannah Badland, Francisco Guillen-Grima, Ines Aguinaga-Ontoso, Rachel Davey, Adrian Bauman, Brian E. Saelens, Chris Riddoch, Barbara Ainsworth, Michael Pratt, Tom Schmid, Lawrence D. Frank, Marc A. Adams, Terry L. Conway, Kelli Cain, Delfien Van Dyck, Nicole Bracy Advancing Science and Policy through a Coordinated International Study of Physical Activity and Built Environments: IPEN Methods *Journal of Physical Activity and Health* 2013 May;10(4):581-601
67. Saelens BE, Sallis JF, Frank LD, Cain KL, Conway TL, Chapman JE, Slymen DJ, **Kerr J**. Neighborhood environment and psychosocial correlates of adults' physical activity. *Med Sci Sports Exerc*. 2012 44(4):637-46
68. **Kerr J**, Sallis J, Bromby E, Glanz K. Assessing Reliability and Validity of the *GroPromo* Audit Tool for evaluation of Grocery store Marketing and promotional environments. *Journal of Nutrition Education and Behavior* 2012;44:597-603.
69. Hekler EB, Buman MP, Haskell WL, Conway TL, Cain KL, Sallis JF, Saelens BE, Frank LD, **Kerr J**, King AC. Reliability and validity of CHAMPS self-reported sedentary-to-vigorous intensity physical activity in older adults. *J Phys Act Health*. 2012 9(2):225-36 [Involved in study design, data collection, literature review, & context of results in discussion]
70. Carlson JA, Sallis JF, Conway TL, Saelens BE, Frank LD, **Kerr J**, Cain KL, King AC. Interactions between psychosocial and built environment factors in explaining older adults' physical activity. *Prev Med*. 2012 54(1):68-73. [Involved in study design, data collection, literature review, & context of results in discussion]
71. Frank LD, Saelens BE, Chapman J, Sallis JF, **Kerr J**, Glanz K, Couch SC, Learnihan V, Zhou C, Colburn T, Cain KL. Objective assessment of obesogenic environments in youth: geographic information system methods and spatial findings from the neighborhood impact on kids study. *Am J Prev Med*. 2012 42(5):e47-55
72. Adams MA, Sallis JF, Conway T, Frank LD, Saelens BE, **Kerr J**, Cain KL, King AC. Neighborhood Environment Profiles for Physical Activity among Older Adults. *American Journal of Health Behavior* 2012 36(6):757-769 [Involved in study design, data collection, literature review, & context of results in discussion]
73. Van Dyck D, Cerin E, Conway TL, De Bourdeaudhuij I, Owen N, **Kerr J**, Cardon G, Frank LD, Saelens BE, Sallis JF. Associations between perceived neighborhood environmental attributes and adults' sedentary behavior: Findings from the USA, Australia and Belgium. *Soc Sci Med*. 2012 74(9):1375-84
74. Delfien Van Dyck, Ester Cerin, Terry L Conway, Ilse De Bourdeaudhuij, Neville Owen, **Jacqueline Kerr**, Greet Cardon, Lawrence D Frank, Brian E Saelens, James F Sallis Perceived neighborhood environmental attributes associated with adults' transport-related walking and cycling: Findings from the USA, Australia and Belgium *International Journal of Behavioral Nutrition and Physical Activity* 2012 9: 70
75. Kozo, J., Sallis, J.F., Conway, T.L., **Kerr, J.**, Cain, K., Saelens, B.E., Frank, L.D., and Owen, N. Sedentary behaviors of adults in relation to neighborhood walkability and income. *Health Psychology* 2012 Nov;31(6):704-

13. [Involved in study design, data collection, literature review, & context of results in discussion]
76. B. Demchak**, **J. Kerr**, F. Raab, K. Patrick, and I. H. Krüger, "PALMS: A Modern Coevolution of Community and Computing Using Policy Driven Development," in Proceedings of the 45th Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii. Jan. 2012. [Student mentee]
77. **Jacqueline Kerr**, Lawrence D Frank, James F Sallis, Brian E Saelens, Karen Glanz and Jim Chapman. Predictors of trips to food destinations. *International Journal of Behavioral Nutrition and Physical Activity* 2012 May 20;9:58.
78. **Jacqueline Kerr**, James F Sallis, Brian E Saelens, Kelli Cain, Terry L Conway, Lawrence D Frank and Abby C King. Outdoor physical activity and self rated health in older adults living in two regions of the U.S. *International Journal of Behavioral Nutrition and Physical Activity* 2012;9:89 (pgs1-4).
79. Jordan Carlson**, **Jacqueline Kerr**, Dori Rosenberg, Ashley Withers, Greg Norman. Identifying and Promoting Safe Walking Routes in Older Adults. *Health*. Vol. 4 No. 9A (2012) , Article ID: 23261 , 5 pages [Student mentee]
80. Patterson RE, Rock CL, **Kerr J**, Natarajan L, Marshall SJ, Pakiz B, Cadmus-Bertram LA. Metabolism and Breast Cancer Risk: Frontiers in Research and Practice. *Journal of the Academy of Nutrition and Dietetics* 2013 Feb;113(2):288-96
81. **Kerr J**, Dori Rosenberg, Andrea Nathan, Rachel Millstein, Jordan Carlson, Katie Crist, Kari Wasilenko, Khalisa Bolling, Cynthia M Castro, David Buchner, Simon Marshall. Applying the Ecological Model of Behavior Change to a Physical Activity Trial in Retirement Communities: Description of the study protocol. *Contemporary Clinical Trials* 2012; 33(6):1180-1188.
82. **Jacqueline Kerr**, Simon J. Marshall, Ruth E. Patterson, Catherine R. Marinac, Loki Natarajan, Dori Rosenberg, Kari Wasilenko, Katie Crist Objectively Measured Physical Activity is Related to Cognitive Function in Older Adults. (2014) *Journal of the American Geriatrics Society* 61 (11), 1927-1931
83. Kneeshaw-Price, S.H., Saelens, B.E., Sallis, J.F., Glanz, K., Frank, L.D., **Kerr**, J., Hannon, P.A., Grembowski, D.E., Chan, K.C.G., & Cain, K.L. (2013). Children's objective physical activity by location: Why the neighborhood matters. *Pediatric Exercise Science*, 25, 468-486
84. **J Kerr**, SJ Marshall, S Godbole, J Chen, A Legge, AR Doherty, P Kelly, M Using the SenseCam to Improve Classifications of Sedentary Behavior in Free-Living Settings . (2013) *American Journal of Preventive Medicine* 44 (3), 290-296
85. **J Kerr**, S Marshall, S Godbole, S Neukam, K Crist, K Wasilenko, S Golshan, D Buchner.. The Relationship between Outdoor Activity and Health in Older Adults Using GPS *Int. J. Environ. Res. Public Health* **2012**, 9(12), 4615-4625.
86. Ruth E. Patterson, Graham A. Colditz, Frank B. Hu, Kathryn H. Schmitz, Rexford S. Ahima, Ross C. Brownson, Kenneth R. Carson, Jorge E. Chavarro, Lewis A. Chodosh, Sarah Gehlert, Jeff Gill, Karen Glanz, Debra Haire-Joshu, Karen Louise Herbst, Christine M. Hoehner, Peter S. Hovmand, Melinda L. Irwin, Linda A. Jacobs, Aimee S. James, Lee W. Jones, **Jacqueline Kerr**, et al. The 2011–2016 Transdisciplinary Research on Energetics and Cancer (TREC) Initiative: Rationale and Design *Cancer Causes & Control* April 2013, Volume 24, Issue 4, pp 695-704
87. Oliver Melody, Doherty R Aiden, Kelly Paul, Badland M Hannah, Mavoia Suzanne, Shepherd Janine, **Kerr Jacqueline**, Marshall Simon, Hamilton Alexander, Foster Charlie Utility of passive photography to objectively audit built environment features of active transport journeys: an observational study (2013) *International Journal of Health Geographics* 12: 20
88. RA Millstein, KL Cain, JF Sallis, TL Conway, C Geremia, LD Frank, J Chapman, Delfien Van Dyck, Lindsay R Dipzinski, **Jacqueline Kerr**, Karen Glanz, Brian E Saelens...Development, scoring, and reliability of the Microscale Audit of Pedestrian Streetscapes (MAPS) (2013) *BMC public health* 13 (1), 403
89. PS Tandon, BE Saelens, C Zhou, **J Kerr**, DA Christakis (2013) Indoor Versus Outdoor Time in Preschoolers at Child Care (2013) *American Journal of Preventive Medicine* 44 (1), 85-88
90. AR Doherty, P Kelly, **J Kerr**, S Marshall, M Oliver, H Badland, A Hamilton, C Using wearable cameras to

- categorise type and context of accelerometer-identified episodes of physical activity (2013) *International Journal of Behavioral Nutrition and Physical Activity* 10 (1), 22
- 91 R Siqueira Reis, AAF Hino, C Ricardo Rech, **J Kerr**, P Curi Hallal (2013) Walkability and physical activity: findings from Curitiba, Brazil *American Journal of Preventive Medicine* 45 (3), 269-275
- 92 Norman, G.J., Adams, M.A., Ramirez, E.R., Carlson, J.A., **Kerr, J.**, Godbole, S., Dillon, L., Marshall, S.J. (2013) Effects of Behavioral Contingencies on Adolescent Active Video Game Play and Overall Activity: A Randomized Trial. *Games for Health Journal*, 2(3), 158-165.
- 93 **J Kerr**, G Norman, R Millstein, MA Adams, C Morgan, RD Langer, M Allison. Neighborhood Environment and Physical Activity Among Older Women: Findings From the San Diego Cohort of the Women's Health Initiative. *Journal of Physical Activity & health* 2013 Aug 19. [Epub ahead of print]
- 94 E Cerin, TL Conway, KL Cain, **J Kerr**, I De Bourdeaudhuij, N Owen, RS Reis, et al. Sharing good NEWS across the world: developing comparable scores across 12 countries for the neighborhood environment walkability scale (NEWS) (2013) *BMC public health* 13 (1), 309
- 95 P Kelly**, SJ Marshall, H Badland, **J Kerr**, M Oliver, AR Doherty, C Foster An Ethical Framework for Automated, Wearable Cameras in Health Behavior Research (2013) *American journal of preventive medicine* 44 (3), 314-319 [student]
- 96 D Van Dyck, E Cerin, TL Conway, I De Bourdeaudhuij, N Owen, **J Kerr**, G Cardon . (2013). Perceived neighborhood environmental attributes associated with adults' leisure-time physical activity: Findings from Belgium, Australia and the USA *Health & Place* 19, 59-68
- 97 Josef Mitás, Ding Ding, Karel Frömel, and **Jacqueline Kerr** Physical Activity, Sedentary Behavior, and Body Mass Index in the Czech Republic: A Nationally Representative Survey *Preventive Medicine* Volume 11, Issue 7, September 2014
- 98 Carlson, J.A.**, Sallis, J.F., Norman, G.J., McKenzie, T.L., **Kerr, J.**, Arredondo, E.M., Madanat, H., Mignano, A.M., Cain, K.L., Elder, J.P., & Saelens, B.E. Elementary school practices and children's objectively measured physical activity during school. *Preventive Medicine*. 2013 Nov;57(5):591-5 [student]
- 99 Carlson, J.A**, Mignano, A.M., Norman, G.J., McKenzie, T.L., **Kerr, J.**, Arredondo, E.M., Madanat, H., Cain, K.L., Elder, J.P., Saelens, B.E., & Sallis, J.F. Socioeconomic disparities in elementary school practices and children's physical activity during school. *American Journal of Health Promotion*. **In Press** [student]
- 100 Ding D, Sallis JF, Norman GJ, Frank LD, Saelens BE, **Kerr J**, Conway TL, Cain K, Hovell MF, Hofstetter CR, King AC. Neighborhood environment and physical activity among older adults: Do the relationships differ by driving status? *Journal of Aging and Physical Activity*, 2014 Jul;22(3):421-31
- 101 Carlson, J.**., Bracy, N.L., Sallis, J.F., Millstein, R.A., **Kerr, J.**, Saelens, B.E., Conway, T.L., Frank, L.D., Cain, K.L., & King, A. Sociodemographic moderators of the relation between perceived neighborhood safety and physical activity in younger adults and older adults. *Medicine & Science in Sports & Exercise*. 2014, 46(8), 1554-1563.
- 102 Charlotte D Klinker**, Jasper Schipperijn, Hayley Christian, **Jacqueline Kerr**, Annette K Ersbøll and Jens Troelsen Title : Using accelerometers and Global Positioning System devices to assess gender and age differences in children's school, transport, leisure and home based physical activity *International Journal of Behavioral Nutrition and Physical Activity* 2014 Jan 24;11:8 [student]
- 103 James P**, Berrigan D, Hart JE, Hipp JA, Hoehner CM, **Kerr J**, Major JM, Oka M, Laden F. Effects of Buffer Size and Shape on Associations between the Built Environment and Energy Balance. *Health & Place*. 2014 May;27:162-70. [student]
- 104 Bracy, N.L., Millstein, R.A., Carlson, J.A., Conway, T.L., Sallis, J.F., Saelens, B.E., **Kerr, J.**, Cain, K.L., Frank, L.D., and King, A.C. Is the relationship between the built environment and physical activity moderated by perceptions of crime and safety? *International Journal of Behavioral Nutrition and Physical Activity*. 2014 Feb 24;11(1):24

- 105 O'Connor TM, Cerin E, Robles J, Lee RE, Kerr J, Butte N, Mendoza JA, Thompson D, Baranowski T. Feasibility study to objectively assess activity and location of Hispanic preschoolers: a short communication. *Geospat Health*. 2013 May;7(2):375-80.
- 106 Charlotte Demant Klinker**, Jasper Schipperijn, **Jacqueline Kerr**, Annette Kjær Ersbøll, Jens Troelsen Context-specific outdoor time and physical activity among school-children across gender and age: Using accelerometers and GPS to advance methods *Frontiers in Public Health Education and Promotion Special Issue: Emerging Technologies to Promote and Evaluate Physical Activity* 2014 Mar 10;2:21 [student]
- 107 Jasper Schipperijn, **Jacqueline Kerr**, Scott Duncan, Thomas Madsen, Charlotte Demant Klinker, Jens Troelsen Dynamic accuracy of GPS receivers for use in health research: a novel method to assess GPS accuracy in real-world settings *Frontiers in Public Health Education and Promotion Special Issue: Emerging Technologies to Promote and Evaluate Physical Activity* 2014 Mar 10;2:21
- 108 Suzanne Mavoa, Melody Oliver, **Jacqueline Kerr**, Aiden Doherty, Karen Witten Using SenseCam images to assess the environment *Proceedings of the 4th International SenseCam & Pervasive Imaging Conference* (2013), 84-85
- 109 Mary Eckhart**, **Jacqueline Kerr**, Wendell Taylor Point-Of-Decision Signs And Stair Use In A University Worksite Setting General Versus Specific Messages *American Journal Of Health Promotion* 2014 Mar 26. [Epub ahead of print] [student]
- 110 Jacqueline Chen, Simon J Marshall, Lu Wang, Suneeta Godbole, Amanda Legge, Aiden Doherty, Paul Kelly, Melody Oliver, Ruth Patterson, Charlie Foster, **Jacqueline Kerr**, Using the SenseCam as an objective tool for evaluating eating patterns *Proceedings of the 4th International SenseCam & Pervasive Imaging Conference* (2013), 34-41
- 111 Katherine Ellis**, Suneeta Godbole, Jacqueline Chen, Simon Marshall, Gert Lanckriet, **Jacqueline Kerr** Physical activity recognition in free-living from body-worn sensors, *Proceedings of the 4th International SenseCam & Pervasive Imaging Conference* (2013), 88-89
- 112 Catherine Marinac**, Gina Merchant, Suneeta Godbole, Jacqueline Chen, **Jacqueline Kerr**, Bronwyn Clark, Simon Marshall, The feasibility of using SenseCams to measure the type and context of daily sedentary behaviors *Proceedings of the 4th International SenseCam & Pervasive Imaging Conference* (2013), 42-49
- 113 Michael S Lam**, Suneeta Godbole, Jacqueline Chen, Melody Oliver, Hannah Badland, Simon J Marshall, Paul Kelly, Charlie Foster, Aiden Doherty, **Jacqueline Kerr** Measuring time spent outdoors using a wearable camera and GPS, *Proceedings of the 4th International SenseCam & Pervasive Imaging Conference* (2013), 1-7 [student]
- 114 Identifying active travel behaviors in challenging environments using GPS, accelerometers and machine learning algorithms", by Katherine Ellis**, Suneeta Godbole, Simon Marshall, **Jacqueline Kerr**, Gert Lanckriet and John Staudenmayer, published in "Frontiers in Public Health Education and Promotion". 2014 Apr 22;2:36
- 115 P. Kelly**, A. Doherty, A. Mizdrak, S. Marshall, **J. Kerr**, A. Legge, S. Godbole, H. Badland, M. Oliver, C. Foster, High group level validity but high random error of a self-report travel diary, as assessed by wearable cameras *Journal of Transport & Health* Available online 5 June 2014
- 116 Kirwa K, Eliot MN, Wang Yi, Adam MA, Morgan CG, **Kerr J**, Norman GJ, Eaton, CB, Allison MA, Wellenius GA. Residential Proximity to Major Roadways and Prevalent Hypertension among Post-Menopausal Women: Results from the Women's Health Initiative San Diego Cohort. *J Am Heart Assoc*. 2014 Oct 1;3(5):e000727
- 117 Ding Ding, James F. Sallis, Gregory J. Norman, Lawrence D. Frank, Brian E. Saelens, **Jacqueline Kerr**, Terry L. Conway, Kelli Cain, Melbourne F. Hovell, C. Richard Hofstetter, and Abby C. King Neighborhood Environment and Physical Activity Among Older Adults: Do the Relationships Differ by Driving Status? *J Aging Phys Act*. 2014 Jul;22(3):421-31
- 118 Carlson, J.A**, Janowska, M.M., Meseck, K., Godbole, S., Natarajan, L., Raab, F., Demchak, B., Patrick, K., & **Kerr, J**. Validity of PALMS GPS scoring of active and passive travel compared to SenseCam. *Med Sci Sports Exerc*. 2015 Mar;47(3):662-7
- 119 Ellis, Katherine**, **Kerr, Jacqueline**; Godbole, Suneeta; Lanckriet, Gert; Wing, David; Marshall, Simon. A

- comparison of wrist and hip accelerometers for the prediction of energy expenditure and type of physical activity
Physiol Meas. 2014 Nov;35(11):2191-203
- 120 Carlson** JA, Sallis JF, **Kerr J**, Conway TL, Cain K, Frank LD, Saelens BE. Built environment characteristics and parent active transportation are associated with active travel to school in youth age 12-15. *British Journal of Sports Medicine*, 2015 48, 1634-1639.
- 121 Van Dyck D, Cerin E, Conway TL, De Bourdeaudhuij I, Owen N, **Kerr J**, Cardon G, Sallis JF. Interacting psychosocial and environmental correlates of leisure-time physical activity: a three-country study. *Health Psychol.* 2014 Jul;33(7):699-709
- 122 Ellis, K.**; Godbole, S., **Kerr, J.**, & Lanckriet, G. (2014, September). Multi-Sensor physical activity recognition in free-living. In *Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing: Adjunct Publication* (pp. 431-440). ACM.
- 123 Demant Klinker C, Schipperijn J, Toftager M, **Kerr J**, Troelsen J. When cities move children: development of a new methodology to assess context-specific physical activity behaviour among children and adolescents using accelerometers and GPS. *Health Place.* 2015 Jan;31:90-9
- 124 Marshall S, **Kerr J**, Carlson J, Cadmus-Bertram L, Patterson R, Wasilenko K, Crist K, Rosenberg D, Natarajan L. Patterns of Weekday and Weekend Sedentary Behavior Among Older Adults. *J Aging Phys Act.* 2014 Nov 21.
- 125 Jankowska MM, Schipperijn J, **Kerr J**. A framework for using GPS data in physical activity and sedentary behavior studies. *Exerc Sport Sci Rev.* 2015 Jan;43(1):48-56
- 126 Marinac, C.R**, Godbole, S., **Kerr, J.**, Natarajan, L., Patterson, R.E., & Hartman, S.J. (2015). Objectively Measured Physical Activity and Cognitive Functioning in Breast Cancer Survivors. *Journal of Cancer Survivorship: Research and Practice*, 9, 230-238.
- 127 Gell NM, Rosenberg DE, Carlson J, **Kerr J**, Belza B. Built environment attributes related to GPS measured active trips in mid-life and older adults with mobility disabilities. *Disabil Health J.* 2015 Apr;8(2):290-5
- 128 Carlson JA,** Saelens BE, **Kerr J**, Schipperijn J, Conway TL, Frank LD, Chapman JE, Glanz K, Cain KL, Sallis JF. Association between neighborhood walkability and GPS-measured walking, bicycling and vehicle time in adolescents. *Health Place.* 2015 Mar;32:1-7
- 129 Rosenberg DE, Gell NM, Jones SM, Renz A, **Kerr J**, Gardiner PA, Arterburn D. The Feasibility of Reducing Sitting Time in Overweight and Obese Older Adults. *Health Educ Behav.* 2015 Oct;42(5):669-76
- 130 Rosenberg DE, Bellettiere J, Gardiner PA, Villarreal VN, Crist K, **Kerr J**. Independent Associations Between Sedentary Behaviors and Mental, Cognitive, Physical, and Functional Health Among Older Adults in Retirement Communities. *J Gerontol A Biol Sci Med Sci.* 2015 Aug 13
- 131 Bellettiere, J**, Carlson, J.A., Rosenberg, D., Singhanian, A., Natarajan, L., Berardi, V., LaCroix, A.Z., Sears, D.D., Moran, K., & Crist, K., **Kerr, J.** (2015). Gender and age differences in hourly and daily patterns of sedentary time in older adults living in retirement communities. *PLoS ONE.* 10(8): e0136161
- 132 **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 Walking and Cycling for Transport among Adult Residents of 17 Cities in 12 Countries: The IPEN Study. *Environ Health Perspect.* 2015 Jul 17.
- 133 David Berrigan, J. Aaron Hipp, Philip M. Hurvitz, Peter James, Marta M. Jankowska, **Jacqueline Kerr**, Francine Laden, Tammy Leonard, Robin A. McKinnon, Tiffany M. Powell-Wiley, Elizabeth Tarlov, Shannon N. Zenk & the TREC Spatial and Contextual Measures and Modeling Work Group (2015): Geospatial and Contextual Approaches to Energy Balance and Health, *Annals of GIS*, DOI: [10.1080/19475683.2015.1019925](https://doi.org/10.1080/19475683.2015.1019925)
- 134 Maya N White · Abby C King · James F Sallis · Lawrence D Frank · Brian E Saelens · Terry L Conway · Kelli L Cain · **Jacqueline Kerr** · Caregiving, Transport-related, and Demographic Correlates of Sedentary Behavior in Older Adults: The Senior Neighborhood Quality of Life Study (SNQLS) *Journal of Aging and Health* In Press

- 135 Carlson, J.A**, Schipperijn, J., **Kerr, J.**, Saelens, B.E., Natarajan, L., Frank, L.D., Glanz, K., Conway, T.L., Chapman, J.E., Cain, K.L., & Sallis, J.F. (2015). Physical activity locations as assessed by GPS in young adolescents. *Pediatrics* 137(1), e20152430
- 136 Moghimi, Mohammad**, **Kerr, Jacqueline**; Johnson, Eileen; Godbole, Suneeta; Belongie, Serge Discriminative Regions: A Substrate for Analyzing Life-Logging Image Sequences *MultiMedia Modeling* 2015 357-368
- 137 CARLSON, JA**, NL BRACY, JF SALLIS, RA MILLSTEIN, BE SAELENS, **J. KERR**, TL CONWAY, LD FRANK, KL CAIN, and AC KING. Sociodemographic Moderators of Relations of Neighborhood Safety to Physical Activity. *Med. Sci. Sports Exerc.*, Vol. 46, No. 8, pp. 554–1563, 2014
- 138 Mojtaba Moghimi**, Wanmin Wu, Jiann-Jong Chen, Suneeta Godbole, Simon Marshall, **Jacqueline Kerr**, Serge Belongie Image Processing (ICIP), 2014 IEEE International Conference 1011-1015
- 139 Michelle Takemoto**, Jordan A. Carlson, Kevin Moran, Suneeta Godbole, Katie Crist **Jacqueline Kerr** Relationship between Objectively Measured Transportation Behaviors and Health Characteristics in Older Adults *Int. J. Environ. Res. Public Health* 2015, 12(11), 13923-13937;
- 140 **Jacqueline Kerr**, Ruth E. Patterson, Katherine Ellis, Suneeta Godbole, Eileen Johnson, Gert Lanckriet, John Staudenmayer. Objective Assessment of Walking and Sitting: New behavior classifiers for Public Health. *Med Sci Sports Exerc.* 2016 May;48(5):951-7
- 141 Kat Ellis**, **Kerr, Jacqueline**; Godbole, Suneeta; Gert Lanckriet; John Staudenmayer Hip and Wrist Accelerometer Algorithms for Free-Living Behavior Classification. *MSSE* 2016 May;48(5):933-40
- 142 Meseck K, Jankowska, Marta , Jasper Schipperijn, Loki Natarajan , Godbole, Suneeta, Jordan Carlson; Michelle L Black, Crist, Katie, **Kerr, Jacqueline**. Is missing geographic positioning system data in accelerometry studies a problem, and is imputation the solution? *Geospat Health.* 2016 May 31;11(2):403
- 143 **Jacqueline Kerr**, Michelle Takemoto, Khalisa Bolling, Andrew Atkin, Jordan Carlson, Dori Rosenberg, Katie Crist, Suneeta Godbole, Brittany Lewars, Claudia Pena, Gina Merchant. Two-arm randomized pilot intervention trial to decrease sitting time and increase sit-to-stand transitions in working and non-working older adults *PLOS One* 2015, in press.
- 144 Sallis, J.F., Cerin, E., Conway, T.L., Adams, M.A., Frank, L.D., Pratt, M., Salvo, D., Schipperijn, J., Smith, G., Cain, K.L., Davey, R., **Kerr, J.**, Lai, P-C., Mitas, J., Reis, R., Sarmiento, O.L., Schofield, G., Troelsen, J., Van Dyck, D., De Bourdeaudhuij, I., and Owen, N. Urban environments in 14 cities worldwide are related to physical activity. *The Lancet* 2016 Apr 1. pii: S0140-6736(15)01284-2..
- 145 Patterson RE, Marinac CR, Natarajan L, Hartman SJ, Cadmus-Bertram L, Flatt SW, Li H, Parker B, Oratowski-Coleman J, Villaseñor A, Godbole S, **Kerr J.** (2016) Recruitment Strategies, Design, and Participant Characteristics in a Trial of Weight-Loss and Metformin in Breast Cancer Survivors. *Contemporary Clinical Trials* 47, 64-71.
- 146 Carlson, J.A., Remigio-Baker, R.A., Anderson, C.A.M., Adams, M.A., Norman, G.J., **Kerr, J.**, Criqui, M.H., Allison, M. (2016). Walking mediates associations between neighborhood activity supportiveness and BMI in the Women's Health Initiative San Diego cohort. *Health & Place*, 38, 48-53
- 147 Lars B Christiansen, Ester Cerin, Hannah Badland, **Jacqueline Kerr**, Rachel Davey, Jens Troelsen, Delfien Van Dyck, Josef Mitáš, Grant Schofield, Takemi Sugiyama, Deborah Salvo, Olga L Sarmiento, Rodrigo Reis, Marc Adams, Larry Frank, James F Sallis (2016) International comparisons of the associations between objective measures of the built environment and transport-related walking and cycling: IPEN adult study. *Journal of Transport and Health* (in press)
- 148 James P (Co-First), Jankowska (Co-First), Marx C, Hart JE, Berrigan D, **Kerr J**, Hurvitz PM, Hipp JA, Laden F. Unanswered Questions in 'Spatial Energetics' Research. *Am J Prev Med.* 2016 Aug 12. pii: S0749-3797(16)30227-6.
- 149 Golla, G.K**, Carlson, J.A., Huan, J., **Kerr, J.**, Mitchell, T., Borner, K. (2016). Developing novel machine learning algorithms to improve sedentary assessment for youth health enhancement. *IEEE International Conference on Healthcare Informatics.* [student]

- 150 Thornton CM**, **Kerr J**, Conway TL, Saelens BE, Sallis JF, Ahn DK, Frank LD, Cain KL, King AC. (2016) Physical Activity in Older Adults: an Ecological Approach. *Ann Behav Med.* 51(2), 159-169. [student]
- 151 Jankowska M.M, Schipperijn J., Kerr J., Altintas I. 2016. SPACES: An Applied CyberGIS in the Age of Complex Spatial Health Data. GIScience Conference 2016, Montreal, Canada.
- 152 Murray KE, Ermias A, Lung A, Mohamed AS, Ellis BH, Linke S, **Kerr J**, Bowen DJ, Marcus BH. Culturally adapting a physical activity intervention for Somali women: the need for theory and innovation to promote equity. *Transl Behav Med.* 2016 Aug 24.
- 153 Xu SY**, Nelson S, **Kerr J**, Godbole S, Patterson R, Merchant G, Abramson I, Staudenmayer J, Natarajan L. Statistical approaches to account for missing values in accelerometer data: Applications to modeling physical activity. *Stat Methods Med Res.* 2016 Jul 10. pii: 0962280216657119. [student]
- 154 Mitchell JA, Godbole S, Moran K, Murray K, James P, Laden F, Hipp JA, **Kerr J**, Glanz K. No Evidence of Reciprocal Associations between Daily Sleep and Physical Activity. *Med Sci Sports Exerc.* 2016 Jun 9.
- 155 Dori Rosenberg,¹ Suneeta Godbole,² Katherine Ellis,² Chongzhi Di,³ Andrea Z. LaCroix,² Loki Natarajan,² **Jacqueline Kerr**² Classifiers for Accelerometer-Measured Behaviors in Older Women. MSSE 2016 in press.
- 156 Nebeker C, Lagare T, Takemoto M, Lewars B, Crist K, Bloss CS, **Kerr J**. Engaging research participants to inform the ethical conduct of mobile imaging, pervasive sensing, and location tracking research. *Transl Behav Med.* 2016 Sep 29.
- 157 **Jacqueline Kerr**¹, Catherine R. Marinac^{1,2}, Katherine Ellis³, Suneeta Godbole¹, Aaron Hipp⁴, Karen Glanz⁵, Jonathan Mitchell^{6,7}, Francine Laden^{8,9}, Peter James⁹, David Berrigan¹⁰ Comparison of accelerometry methods for estimating physical activity MSSE 2017
- 158 Perez LG, Carlson J, Slymen DJ, Patrick K, **Kerr J**, Godbole S, Elder JP, Ayala GX, Arredondo EM. Does the social environment moderate associations of the built environment with Latinas' objectively-measured neighborhood outdoor physical activity? *Preventive Medicine Reports* 2017
- 159 Thornton, **Kerr** et al. Relation of Adolescents' Physical Activity to After-School Recreation Environment JPAH 2017
- 160 James P, Hart JE, Hipp JA, Mitchell JA, **Kerr J**, Hurvitz PM, Glanz K, Laden F. GPS-based exposure to greenness and walkability and accelerometry-based physical activity. *Cancer Epidemiology, Biomarkers & Prevention.* 2017
- 161 Henriette Bondo Andersen, MSc^{1,2}, Lars Breum Christiansen, PhD¹, Charlotte Demant Klinker, PhD,³ Annette Kjær Ersbøll, PhD⁴, Jens Troelsen, PhD,^{1,2} **Jacqueline Kerr**, PhD, ⁵ Jasper Schipperijn, PhD, Increases in Use and Activity due to Urban Renewal-effect of a natural experiment AJPM
- 162 Jankowska, **Kerr** et al. Kernel Density Estimation as a Measure of Environmental Exposure Related to Insulin Resistance in Breast Cancer Survivors *Cancer Epidemiology, Biomarkers & Prevention.* 2017.
- 163 Hartman, S.J., Marinac, C.R., Bellettiere, J., Godbole. S., Natarajan, L., Patterson. R.E., & **Kerr, J.** Objectively measured sedentary behavior and quality of life among survivors of early stage breast cancer. *Supportive Care in Cancer.* 2017
- 164 Mitchell, T. B., Borner, K. B., Finch, J., **Kerr, J.**, and Carlson, J. Using activity monitors to measure sit-to-stand transitions in overweight/obese youth. *Medicine & Science in Sports & Exercise.* 2017
- 165 Mechanic, **Kerr** et al. Current Challenges and New Opportunities for Gene-Environment Interaction Studies of Complex Diseases *American Journal of Epidemiology* 2017
- 166 Jason A. Mendoza, MD, MPH^{1,2,3}, Wren Haaland, MPH², Maya Jacobs, BA², Mark Abbey-Lambertz, BA², Josh Miller, PhD⁴, Deb Salls, MA, MEd⁵, Winifred Todd, MS, MEd⁶, Rachel Madding, MS⁶, Katherine Ellis, MS⁷, and **Jacqueline Kerr**, PhD⁸ Bicycle Trains, Cycling, and Physical Activity: A Pilot Cluster RCT. *AJPM* 2017
- 167 Xiaobo Wang, Terry L. Conway, Kelli L. Cain, Lawrence D. Frank, Brian E. Saelens, Carrie Geremia, **Jacqueline Kerr**, Karen Glanz, Jordan A. Carlson, James F. Sallis, Interactions of psychosocial factors with

- built environments in explaining adolescents' active transportation. *Preventive Medicine*, 2017.
- 168 Carlson, J.A., Mitchell, T.B., Saelens, B.E., Staggs, V.S., **Kerr, J.**, Frank, L.D., Schipperijn, J., Conway, T.L., Glanz, K., Chapman, J.E., Cain, K.L., & Sallis, J.F.. Within-person associations of young adolescents' physical activity across five primary locations: Is there evidence of cross-location compensation. *International Journal of Behavioral Nutrition & Physical Activity*. 2017
- 170 Mitchell, **Kerr** et al. Variation in Actigraphy-Estimated Rest-Activity Patterns by Demographic Factors. *Chronobiology International* 2017
- 171 Bellettiere, J., Winkler, E.A.H., Chastin, S.F.M., **Kerr, J.**, Owen, N., Dunstan, D.W., Healy, G.N. (2017). Associations of sitting accumulation patterns with cardio-metabolic risk biomarkers in Australian adults. *PLOS ONE*. 2017
- 172 Christopher I. Amos, **Jacqueline Kerr**, Bhramar Mukherjee, Beate Ritz, Leah E. Mechanic, Duncan C. Thomas, Ian A. Blair, Juliette Madan, Margaret Daniele Fallin, Christine Ladd-Acosta, Chirag J. Patel, Kimberly A McAllister, Susan L Teitelbaum, Margaret R. Karagas, Nilanjan Chatterjee, and Marta Jankowska Opportunities and Challenges for Environmental Exposure Assessment in Population-Based Studies CEPB 2017
- 173 Sheri J. Hartman^{a,b}, Catherine R. Marinac^{c,d}, Lisa Cadmus-Bertram^e, **Jacqueline Kerr**^{a,b}, Loki Natarajan^{a,b}, Suneeta Godbole^{a,b}, Ruth E. Patterson^{a,b}, Brittany Morey^a, Dorothy D. Sears^{a,b,f} Sedentary behaviors and biomarkers among breast cancer survivors. JPAH 2017 *Journal of Physical Activity and Health*, 15, 1-6. doi.org/10.1123/jpah.2017-0045; PMID 28682735
- 174 Murray, **Kerr** et al. The Relations between Sleep, Time of Physical Activity, and Time Outdoors Among Adult Women Plos One 2017
- 175 Implementation-Effectiveness Trial of an Ecological Intervention for Physical Activity in Ethnically Diverse Low Income Senior Centers Porchia Rich, M.D.; Gregory A Aarons; Michelle Takemoto; Veronica Cardenas; Katie Crist; Khalisa Bolling; Brittany Lewars; Cynthia Castro Sweet; Loki Natarajan; Yuyan Shi; Kelsie M Full; Eileen Johnson; Dori E Rosenberg; Melicia Whitt-Glover; Bess Marcus; **Jacqueline Kerr** BMC Public Health 2017
- 176 Perez LG, Conway TL, Bauman A, **Kerr J**, Elder JP, Arredondo EM, Sallis, JF. Socio-demographic moderators of environment-physical activity associations: Results from the International Prevalence Study. *Journal of Physical Activity and Health* 2017
- 177 Actigraphy-Derived Daily Rest-Activity Patterns and Body Mass Index in Community-Dwelling Adults Cespedes Feliciano, Elizabeth; Quante, Mirja; Weng, Jia; Mitchell, Jonathan; James, Peter ; Marinac, Catherine R; Mariani, Sara; Redline, Susan; Kerr, Jacqueline; Godbole, Suneeta; Mantiega, Alicia; Wang, Daniel; Hipp, James
SLEEP
- 178 Perez, L.G.; Conway, T.L.; Arredondo, E.M.; Elder, J.P.; Kerr, J.; McKenzie, T.; Sallis, J.F. (Accepted). Where and when adolescents are physically active: Neighborhood environment and psychosocial correlates and their interactions. *Preventive Medicine*.
- 179 Perez, L.G.; Kerr, J.; Sallis, J.F.; Slymen, D.; McKenzie, T.L.; Elder, J.; Arredondo, E.M. (In Press). Neighborhood environmental factors that maximize the effectiveness of a multilevel intervention promoting physical activity among Latinas. *American Journal of Health Promotion*
- 180 Cain KL, Bonilla E, Conway TL, Schipperijn J, Geremia CM, Mignano A, Kerr J, Sallis JF. Defining accelerometer nonwear time to maximize detection of sedentary time in youth. *Pediatric Exercise Science*, in press.
- 181 Collaboration between health researchers and transport planners: A qualitative study of attitudes to data driven approaches *Journal of Transport & Health*

- 182 Automated Ecological Assessment of Physical Activity: Advancing Direct Observation Authors: Jordan A. Carlson
*, Bo Liu, James F. Sallis, Jacqueline Kerr, J. Aaron Hipp, Vincent S. Staggs, Amy Papa, Kelsey Dean, Nuno M.
Vasconcelos IJERPH
- 183 Rosenberg, Kerr et al. Study Protocol for a Technology-Enhanced Sedentary Time Reduction Randomized
Controlled Trial for Obese Older Adults JMIR
- 184 Schmidt, T., Kerr, J., Kestens, Y., Schipperijn, J. (2017). Challenges in using wearable GPS devices in low income
older adults: Can map-based interviews help with assessments of mobility? Transl Behav Med
- 185 Susan M. Schembre, Yue Liao, Michael C. Robertson, Genevieve Fridlund Dunton, Jacqueline Kerr, Meghan E. Haffey,
Taylor Burnett, Karen Basen-Engquist, Rachel S. Hicklen A systematic review and practical framework for designing
just-in-time feedback in diet and physical activity interventions JMIR
- 186 Jacqueline Kerr, Jordan Carlson, Suneeta Godbole, Lisa Cadmus-Bertram, John Bellettiere,
Sheri Hartman. Improving hip worn accelerometer estimates of sitting using machine learning
methods. MSSE in press.
- 189 Michelle Takemoto; Brittany Lewars, Samantha Hurst, Katie Crist, Camille Nebeker, Hala Madanat, Jeanne
Nichols, Dori Rosenberg, Jacqueline Kerr STAND UP! A Qualitative Analysis of Participants' Perceptions on
the Use of Technology to Reduce Sitting Time JMIR 2018
- 190 Kumar S, Abowd G, Abraham WT, al'Absi M, Chau DHP, Ertin E, Estrin D, Ganesan
D, Hnat T, Hossain SM, Ives Z, Kerr J, Marlin BM, Murphy S, Rehg JM, Nahum-Shani
I, Shetty V, Sim I, Spring B, Srivastava M, Wetter D. Center of Excellence for
Mobile Sensor Data-to-Knowledge (MD2K). IEEE Pervasive Comput. 2017
Apr-Jun;16(2):18-22.
- 191 Serrano et al. Sub-population differences in the relationship between the neighborhood environment
and Latinas' daily walking and vehicle time Journal of Transport & Health
- 192 Ruth E. Patterson^{1,2}, Catherine R. Marinac^{3,4}, Dorothy D. Sears^{1,2,5}, Jacqueline Kerr^{1,2}, Sheri J. Hartman^{1,2}, Lisa
Cadmus-Bertram⁶, Adriana Villaseñor^{1,2}, Shirley W. Flatt², Suneeta Godbole⁷, Hongying Li⁷, Gail A. Laughlin¹,
Jesica Oratowski-Coleman², Barbara A. Parker^{2,5}, Loki Natarajan^{1,2} The Effects of Metformin and Weight-Loss
on Biomarkers Associated with Breast Cancer Outcomes JNCI
- 193 Dr. James F Sallis, Terry L Conway, PhD; Kelli L Cain, MA; Jordan A Carlson, PhD; Lawrence D Frank, PhD;
Jacqueline Kerr, PhD; Karen Glanz, PhD, MPH; James E Chapman, MSCE; Brian E Saelens, PhD Neighborhood
built environment and socioeconomic status in relation to physical activity, sedentary behavior, and weight
status of adolescents. Preventive Medicine
- 194 Giles-Corti B, Kerr J, Pratt M. Contributing to helping to achieve the UN
Sustainable Development Goals: Truly shifting from niche to norm. Prev Med. 2017
Oct;103S:S1-S2
- 195 "Active travel despite motorcar access" will be published in the Journal of Transport & Health
- 196 "Associations of sedentary time and diabetes in 6166 older women: The Objective Physical Activity and
Cardiovascular Health Study" in its current form for publication in the Journal of Gerontology:
Medical Sciences
- 197 Borner, K.B., Mitchell, T.B., Carlson, J.A., Kerr, J., Saelens, B.E., Schipperijn, J., Frank, L.D., Conway, T.L.,
Glanz, K., Chapman, J.E., Cain, K.L., & Sallis, J.F. (accepted for publication). Latent profile analysis of
young adolescents' physical activity across locations on schooldays. *Journal of Transport & Health*.
- 198 scott.duncan@aut.ac.nz, tom.stewart@aut.ac.nz, mkbs@steno.dk, sgodbole@ucsd.edu,
kcain@ucsd.edu, jkerr@ucsd.edu Convergent validity of ActiGraph and Actical accelerometers for

estimating physical activity in adults PLOS One

- 199 McDonald D, Hyde E, Debelius JW, Morton JT, Gonzalez A, Ackermann G, Aksenov AA, Behsaz B, Brennan C, Chen Y, DeRight Goldasich L, Dorrestein PC, Dunn RR, Fahimipour AK, Gaffney J, Gilbert JA, Gogul G, Green JL, Hugenholtz P, Humphrey G, Huttenhower C, Jackson MA, Janssen S, Jeste DV, Jiang L, Kelley ST, Knights D, Kosciulek T, Ladau J, Leach J, Marotz C, Meleshko D, Melnik AV, Metcalf JL, Mohimani H, Montassier E, Navas-Molina J, Nguyen TT, Peddada S, Pevzner P, Pollard KS, Rahnavard G, Robbins-Pianka A, Sangwan N, Shorestein J, Smarr L, Song SJ, Spector T, Swafford AD, Thackray VG, Thompson LR, Tripathi A, Vázquez-Baeza Y, Vrbanc A, Wischmeyer P, Wolfe E, Zhu Q; American Gut Consortium, Knight R. American Gut: an Open Platform for Citizen Science Microbiome Research. *mSystems*. 2018 May 15;3(3). pii: e00031-18. doi: 10.1128/mSystems.00031-18. eCollection 2018 May-Jun. PubMed PMID: 29795809; PubMed Central PMCID: PMC5954204.
- 200 Kerr J, Crist K, Vital DG, Dillon L, Aden SA, Trivedi M, Castellanos LR, Godbole S, Li H, Allison MA, Khemlina GL, Takemoto ML, Schenk S, Sallis JF, Grace M, Dunstan DW, Natarajan L, LaCroix AZ, Sears DD. Acute glucoregulatory and vascular outcomes of three strategies for interrupting prolonged sitting time in postmenopausal women: A pilot, laboratory-based, randomized, controlled, 4-condition, 4-period crossover trial. *PLoS One*. 2017 Nov 30;12(11):e0188544. doi: 10.1371/journal.pone.0188544. eCollection 2017. PubMed PMID: 29190761; PubMed Central PMCID: PMC5708739.
- 201 Kerr J, Anderson C, Lippman SM. Physical activity, sedentary behaviour, diet, and cancer: an update and emerging new evidence. *Lancet Oncol*. 2017 Aug;18(8):e457-e471. doi: 10.1016/S1470-2045(17)30411-4. Epub 2017 Jul 26. Review. PubMed PMID: 28759385.
- 202 Jacqueline Kerr, Dori Rosenberg, Rachel A. Millstein, Khalisa Bolling, Katie Crist, Michelle Takemoto, Suneeta Godbole, Kevin Moran, Loki Natarajan, Cynthia Castro-Sweet and David Buchner *International Journal of Behavioral Nutrition and Physical Activity* 2018;15:32
- 203 Marinac et al. Dimensions of Sedentary Behavior and Objective Cognitive Functioning in Breast Cancer Survivors Supportive Care in Cancer
- 204 Bellettiere et al. Prompts to increase physical activity at points-of-choice between stairs and escalators: what about escalator climbers?," has been accepted for publication in *Translational Behavioral Medicine*
- 205 Marquet, O., Floyd, M.F., James, P., Glanz, K., Jennings, V., Jankowska, M.M., Kerr, J. and Hipp, J.A. (2018). Associations between worksite walkability, greenness, and physical activity around work. *Environment and Behavior*. Accepted
- 206 Natarajan et al. Modeling interrelationships between health behaviors in overweight breast cancer survivors: applying Bayesian networks PONE-D-18-11603R1
- 207 Carlson et al. Unique views on obesity-related behaviors and environments: research using still and video images in the *Journal for the Measurement of Physical Behaviour*
- 208 Dimensions of Sedentary Behavior and Objective Cognitive Functioning in Breast Cancer Survivors by Catherine Marinac, PhD; Sandahl Nelson; Lisa Cadmus-Bertram; Jacqueline Kerr; Loki Natarajan; Suneeta Godbole; Sheri J Hartman
- 209 Rosenberg DE, Anderson ML, Renz A, Matson T, Lee AK, Greenwood-Hickman MA, Arterburn D, Gardiner PA, Kerr J, McClure JB. Reducing sitting time in obese older adults: the I-STAND randomized controlled trial. *J Aging Phys Act*. In press

- 210 Ortega, A., Bejarano, C., Cushing, C.C., Staggs, V.S., Papa, A.E., Steel, C., Shook, R.P., Sullivan, D.K., Couch, S.C., Conway, T.L., Saelens, B.E., Glanz, K., Frank, L.D., Cain, K.L., Kerr, J., Schipperijn, K., Sallis, J.F., & Carlson, J.A (in press). Differences in adolescent activity and dietary behaviors across home, school, and other locations warrant location-specific intervention approaches. *International Journal of Behavioral Nutrition and Physical Activity*.
- 211 Carlson, J.A., Liu, B., Sallis, J.F., Hipp, J.A., Staggs, V.S., Kerr, J., Papa, A., Dean, K., & Vasconcelos, N.M. (2020). Automated high-frequency observations of physical activity using computer vision. *Medicine & Science in Sport & Exercise*, 52(9), 2029-2036.
- 212 Belletiere et al. Sedentary behavior and diabetes risk among women over 65: The OPACH Study" *Diabetes care*

Invited reviews

1. Sallis JF, Cervero R, Ascher WW, Henderson K, Kraft MK, **Kerr J** An Ecological Approach to Creating Active Living Communities. *Ann Rev Public Health*, 297-322. (2006)
2. **Kerr J**, Patrick K Active at any age SIRA Newsletter 2005
3. Sallis J, **Kerr J** Physical Activity and the Built Environment. President's Council on Fitness and Sport, Research Digest, 7, 4, 2006
4. **J Kerr** Exposure Exposed (2013) *American journal of preventive medicine* 45 (4), 524-525
5. **J Kerr** Forward to Das Handbuch Zur Bewegungsforderung in der Kommun Huber 2014

Books/Book Chapters

- 1a. Engel J., Schlesinger-Raab A., **Kerr J.**, Sauer H., Hölzel D. Feldstudie München – Ein Beispiel für eine bevölkerungsbezogene Qualitätssicherung. In M.Untch, G.Konecny, H.Sittek, M.Keßler, M.Reiser, H.Hepp: Diagnostik und Therapie des Mammakarzinoms – State of the Art. Zuckschwerdt Verlag (2002)
2. **Kerr J.**, Eves F., Carroll D. The Environment: the Greatest Barrier? In McKenna & Riddoch (Eds), *Perspectives on Health and Exercise*, Palgrave (2003)
3. Engel J., Hoelzel D., **Kerr J.**, Schubert-Fritschle G. Epidemiologie. Mammakarzinome Manual. Empfehlungen zur Diagnostik, Therapie und Nachsorge. 9th Edition. (2003)
4. Vordermaier A., Caspari C., Engel J., **Kerr J.**, Kahlert St., Lutz L., Untch M. Krankheitsverarbeitung bei Brustkrebs. Mammakarzinome Manual. Empfehlungen zur Diagnostik, Therapie und Nachsorge. 9th Edition. (2003)
5. **Kerr J.**, Weitkunat R., Moretti M. (Eds). *The ABC of Behavior Change*. Elsevier Science (2004)
6. **Kerr J.**, Rossmann C. Modern Cultural Environments. In *The ABC of Behavior Change*. Elsevier Science (2004)
9. **Kerr J.**, Engel J, Sauer H, Hölzel D. Doctor patient communication in oncology. In Schorr (Ed) *Communicating Health. Mediated Communication of Health and Illness*. (2005)
10. **Kerr J.**, Eves F, Carroll D. Stair prompts: an empirical case study of mediated communication. In Schorr (Ed) *Communicating Health. Mediated Communication of Health and Illness*. (2005)
11. **Kerr J.**, Weitkunat R., Moretti M. (Eds). *The ABC of Behavior Change*. German translation Verlag (2007)
12. Saelens B, **Kerr J** The family and youth physical (in)activity. In Smith & Biddle (eds) *Youth Physical Activity and Inactivity: Challenges and Solutions*. 2008
13. Sallis J, Rosenberg D, **Kerr J**. Early Physical Activity, Sedentary Behavior, and Dietary Patterns. In Heinberg, & Thompson (eds) *Psychological Aspects of Obesity in Youth: Causes, Consequences, and Cures*. 2009.
14. **Kerr J**, Rosenberg D, Patrick K Creating Environments to Support Physical Activity in Older Adults. In (Eds C.Depp and D.V. Jeste) *The Handbook of Successful Cognitive and Emotional Aging*. American Psychiatric Publishing, Inc. 2010. Book Chapter **From In Press (Formerly B15)**

15. **Kerr J, Ramirez E.** New Media In (Eds Haisch & Hurrelmann) Lehrbuch Prävention und Gesundheitsförderung, Verlag Huber, Bern.
16. **J Kerr** Walkability Das Handbuch Zur Bewegungsförderung in der Kommun Huber 2014
17. **J Kerr** Built environment and obesity in Curbside Consult Pediatric Obesity Ed J Huang 2014

Policy Briefs

1. Designing for Active Living Among Children Research Summary, October 2007
 2. Designing for Active Living Among Adults Research Summary, Spring 2008
 3. Physical Education Matters, A Full Report, January 2008
 4. Physical Education Matters: Success Stories, January 2009
 5. Physical Education Matters: Ideas for Action and Partners, January 2009
-