

## **Curriculum Vitae**

### **Dori E. Rosenberg, Ph.D., M.P.H.**

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### **Professional Positions**

Associate Scientific Investigator, Kaiser Permanente Washington Health Research Institute (formerly the Group Health Research Institute), 2011-present

Affiliate Assistant Professor, Department of Health Services, University of Washington School of Public Health, 2012-present

### **Education**

Ph.D., Clinical Psychology (behavioral medicine track), San Diego State University & University of California, San Diego Joint Doctoral Program in Clinical Psychology, August, 2010 (licensed in Washington State PY60244270)

M.P.H., Health Promotion, San Diego State University Graduate School of Public Health, December, 2003

B.A., Psychology, University of Puget Sound, May, 2000

### **Training**

NIH Office of Behavioral and Social Sciences Research mHealth Institute, 2014

National Institute on Aging Summer Institute, 2013

Cancer Research Network Scholars Program, 2013-2014

Postdoctoral Fellowship, University of Washington, Department of Rehabilitation Medicine, 2010-2011

Built Environment Assessment Training Institute, University of Pennsylvania, June 2011

Physical Activity and Public Health Course, Arnold School of Public Health, Prevention Research Center, University of South Carolina and the Centers for Disease Control and Prevention, September 2010

Psychology Intern, Veterans Affairs Puget Sound Health Care System, Seattle Division (APA-Accredited), 2009-2010

### **Professional Honors and Activities**

Program planning committee, Society of Behavioral Medicine, 2018-

Co-chair, Physical Activity Special Interest Group, Society of Behavioral Medicine, 2018-

Co-chair, Aging SIG, International Society of Behavioral Nutrition and Physical Activity, 2018-

Grant reviewer, Cancer Research Network Scholar's Program (2014), University of Wisconsin-Milwaukee's Research Growth Initiative (2014), U.S. Administration on Aging (2012), Institute of Translational Health Sciences University of Washington (2011)

Invited member, NIA/NHLBI Sedentary Behavior Research Priorities Workshop, 2013-2014

Abstract Reviewer, Society of Behavioral Medicine, International Society for Behavioral Nutrition & Physical Activity, CHI

Chair, Program Planning Committee, Physical Activity Section of the American Public Health Association, 2013

Member, CDC Physical Activity Policy Research Network, 2012-2014

Member, Program Planning Committee, Physical Activity Section, American Public Health Association, 2012-2014

Guest Editorial Board, Health Education and Behavior, 2012

Co-chair, CDC Healthy Aging Research Network, Aging and Technology Workgroup, 2012-2014

Member, CDC Healthy Aging Research Network, 2010-2014

Outstanding Dissertation Award, Society of Behavioral Medicine, 2010

Student Research Award, Society of Behavioral Medicine Physical Activity SIG, 2010

Meritorious Student Abstract, Society of Behavioral Medicine, 2009

Dorathe Frick Memorial Scholarship, San Diego State University Psychology Department, 2007

Citation Abstract, Society of Behavioral Medicine annual meeting, 2005

University Merit Scholarship, San Diego State University, 2002-2003

Coolidge Otis Chapman Scholar, University of Puget Sound, 2000

Honors in Psychology, University of Puget Sound, 2000

Trustee Merit Scholarship, University of Puget Sound, 1996-2000

Psi Chi, International Honor Society in Psychology, 1999

### **Professional Memberships**

Society of Behavioral Medicine, 2004-Present

Gerontological Society of America, 2011-Present

Sedentary Behavior Research Network, 2014-Present

American Public Health Association, 2011-Present

American Psychological Association, 2008-2014

### **KPWHRI or University Service**

Member, Faculty National Search Committee, KPWHRI, 2017-8

Co-convener/advisor, Equity Committee, Kaiser Permanente Washington Health Research Institute, 2016-current

Chair, Faculty National Search Committee, Group Health Research Institute, 2015-2016

Member, Dissemination & Implementation Faculty Search Committee, University of Washington Department of Health Services, 2015

Co-Chair, Scientific Advisory Committee, Group Health Research Institute, 2014-2016

### **Publications**

#### **Peer Reviewed Publications**

1. Yaffe K, Barnes DE, **Rosenberg D**, Dublin S, Kaup AR, Ludman EJ, Vittinghoff E, Peltz C, Renz AD, Adams KJ, Larson EB. Systematic Multi-Domain Alzheimer's Risk Reduction Trial (SMARRT): Study Protocol. *Journal of Alzheimer's Disease*. In press.
2. Drownowski A, Arterburn D, Zane J, Aggarwal A, Gupta S, Hurvitz PM, Moudon AV, Bobb J, Cook A, Lozano P, **Rosenberg D**. The Moving to Health (M2H) approach to natural experiment research: a paradigm shift for studies on built environment and health. *SSM Pop Health*. In press.

3. Bellettiere J, LaMonte MJ, Evenson KR, Rillamas-Sun E, Kerr J, Lee I, Di C, **Rosenberg DE**, Stefanick M, Buchner DM, Hovell MF, LaCroix AZ. Sedentary behavior and cardiovascular disease in older women: the Objective Physical Activity and Cardiovascular Health (OPACH) Study. *Circulation*. In press.
4. Margolis KL, Buchner DM, LaMonte MJ, Zhang Y, Di C, Rillamas-Sun E, Hunt J, Ikramuddin F, Li W, Marshall S, **Rosenberg D**, Stefanick ML, Wallace R, LaCroix AZ. Hypertension treatment and control and risk of falls in older women. *J Am Geriatr Soc*. In press.
5. Takemoto M, Godbole S, **Rosenberg DE**, Nebeker C, Natarajan L, Madanat H, Nicholes J, Kerr J. The search for the ejecting chair: a mixed methods analysis of tool use in a sedentary behavior intervention. *Translational Behav Med*. In press.
6. Matson T, Renz A, Takemoto ML, McClure JB, **Rosenberg DE**. Acceptability of a sitting reduction intervention for older adults with obesity. *BMC Public Health*. In press.
7. Takemoto M, Manini T, **Rosenberg DE**, Lazar A, Zlatar Z, Das SK, Kerr J. Diet and activity assessment and interventions using technology in older adults. *Am J Prev Med*. 2018; 55:e105-e115.
8. **Rosenberg DE**, Lee AK, Anderson M, Renz A, Matson T, Kerr J, Arterburn D, McClure JB. Reducing Sedentary Time for Obese Older Adults: Protocol for a Randomized Controlled Trial. *JMIR Res Protocol*. 2018;7(2): e23.
9. Kerr J, **Rosenberg D**, Millstein R, Bolling K, Crist K, Takemoto M, Godbole S, Moran K, Natarajan L, Sweet C, Buchner D. Cluster randomized controlled trial of a multilevel physical activity intervention for older adults. *Int J Behav Nutr Phys Act*. 2018;15(1):32.
10. Takemoto M, Lewars B, Hurst S, Crsit K, Nebeker C, Madanat H, Nichols J, **Rosenberg D**, Kerr J. STAND UP! A qualitative analysis of participants' perceptions on the use of technology to reduce sitting time. *JMIR MHealth UHealth*. 2018;6(3):e73.
11. Lynch B, Nguyen N, Reeves M, Moore M, **Rosenberg D**, Wheeler M, Boyle T, Vallance J, Friedenreich C, English D. Study design and methods for the ACTIVITY and Technology (ACTIVATE) Trial. *Contemp Clin Trials*. 2018;64: 112-117.
12. Phillips, SM, Cadmus-Bertram L, **Rosenberg D**, Buman MP, Lynch BM. Wearable technology and physical activity in chronic disease: Opportunities and challenges. *Am J Prev Med*. 2018;54(1): 144-150.
13. **Rosenberg DE**, Kadokura E, Morris ME, Renz A, Vilardaga R. Application of N-of-1 experiments to test the efficacy of inactivity alert features in fitness trackers to increase breaks from sitting in older adults. *Methods Inf Med*. 2017;56(5).
14. Rich P, Aarons GA, Takemoto M, Cardenas V, Crist K, Bolling K, Lewars B, Castro Sweet C, Natarajan L, Shi Y, Full KM, Johnson E, **Rosenberg DE**, Whitt-Glover M, Marcus B, Kerr J. Implementation-effectiveness trial of an ecological intervention for physical activity in ethnically diverse low income senior centers. *BMC Public Health*. 2017;18(1):29.
15. Buchner DM, Rillmas-Sun E, Chongzhi D, LaMonte MJ, Marshall S, Hunt J, Zhang Y, **Rosenberg D**, Lee I, Evenson KR, Herring AH, Lewis CE, Stefanick ML, LaCroix AZ. Accelerometer-measured moderate and vigorous physical activity and incidence rates of falls in older women. *J Am Geriatr Soc*. 2017; 65:2480-2487.
16. Brandzel S, **Rosenberg DE**, Johnson D, Bush M, Kerlikowske K, Onega T, Henderson L, Nekhlyudov L, DeMartini W, Wernli KJ. Women's experiences and preferences regarding breast imaging after completing breast cancer treatment. *Patient Prefer Adherence*. 2017;11:199-204.
17. Fessel M, Mann M, Miyawaki C, **Rosenberg D**. Multi-component interventions and cognitive health: a scoping review. *J Geriatric Nursing*. 2017;43(5): 39-48.
18. Belza B, Miyawaki C, Allen P, King D, Marquez DX, Jones DL, Janicek S, **Rosenberg D**, Brown D. Building Community: Stakeholder Perspectives on Walking in Malls and Other Venues. *J Aging Phys Act*. 2017;25(4):510-524.

19. Nguyen NH, Hadgraft NT, Moore MM, **Rosenberg DE**, Lynch C, Reeves MM, Lynch BM. A qualitative evaluation of breast cancer survivors' acceptance of and preferences for consumer wearable technology activity trackers. *Support Care Cancer*. 2017;25(11):3375-3384..
20. VonKorff M, Shortreed SM, LeResche L, Saunders K, Thielke S, Thakral M, **Rosenberg D**, Turner JA. A longitudinal study of depression among middle-aged and senior patients initiating chronic opioid therapy. *J Affect Disord*. 2017;211:136-143.
21. **Rosenberg DE**, Godbole S, Ellis K, Di C, LaCroix A, Kerr J. Classifiers for accelerometer-measured behaviors in older women. *Med Sci Sports Exerc*. 2017;49:610-616.
22. **Rosenberg, DE**, Kadokura E, Bouldin E, Miyawaki C, Higano CS, Hartzler AL. Acceptability of Fitbit for physical activity tracking within clinical care among men with prostate cancer. *AMIA Annu Symp Proc*. 2017; Feb 10: 2050-1059.
23. Hartzler A, Venkatakrisnan A, Mohan S, Silva M, Lozano P, Ralston J, Ludman E, **Rosenberg D**, Newton K, Nelson L, Pirolli P. Acceptability of a team-based mobile health application for lifestyle self-management in individuals with chronic diseases. *Conf Proc IEEE Eng Med Biol Soc*. 2016:3277-3281.
24. Shortreed SM, Von Korff M, Thielke S, LeResche L, Saunders K, **Rosenberg D**, Turner JA. Electronic health records to evaluate and account for non-response bias: a survey of chronic opioid therapy patients. *Obs Stud*. 2016;2:24-38.
25. 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:e0145427.
26. Von Korff, M, Turner JA, Shortreed SM, Saunders K, **Rosenberg D**, Thielke S, LeResche L. Timeliness of care planning upon initiation of chronic opioid therapy for chronic pain. *Pain Med*. 2015; 17(3):511-520.
27. Bellettiere J, Carlson J, **Rosenberg D**, Singhanian A, Berardi V, Natarajan L, Kerr J. Gender and age differences in hourly and daily patterns of sedentary time in older adults living in retirement communities. *Plos One*. 2015;10(8):e0136161. PMC4546658.
28. King D, Allen P, Jones D, Marquez DX, Brown D, **Rosenberg D**, Janicek S, Allen L, Belza B. Safe, affordable, convenient: environmental features of malls and other public spaces used by older adults for walking. *J Phys Act Health*. 2016; 13:298-95.
29. Chaudhuri S, Kneale L, Le T, Phelan E, Thompson H, **Rosenberg D**, Demiris G. Older adults' perceptions of fall detection devices. *J Appl Gerontol*. 2017;36(8): 915-930.
30. Farren L, Belza B, Allen P, Broliar S, Brown D, Janicek S, Jones D, King D, Marquez, **Rosenberg D**. Mall walking program environments, features, and participants: a scoping review. *Prev Chronic Dis*. 2015;12:E129. PMC26270743.
31. **Rosenberg DE**, Cook A, Gell N, Lozano P, Grothaus L, Arterburn D. Relationships between Sitting Time and Health Indicators, Costs, and Utilization in Older Adults. *Prev Med Rep*. 2015;2: 247-9.
32. Millstein RA, Hoerster KD, **Rosenberg DE**, Nelson KM, Reiber G, Saelens BE. Individual, social, and neighborhood associations with sitting time among Veterans. *J Phys Act Health*. 2016;13:30-5.
33. **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, retirement community-dwelling older adults. *J Gerontol A Biol Sci Med Sci*. 2016;71A(1): 78-83.
34. **Rosenberg DE**, Gell NM, Jones SMW, Renz A, Kerr J, Gardiner P, Arterburn D. The feasibility of reducing sitting time in overweight and obese older adults. *Health Educ Behav*. 2015;42(5):669-76. PMC4578639.

35. Greenwood-Hickman MA, **Rosenberg DE**, Phelan E, Fitzpatrick AL. Participation in Older Adult Physical Activity Programs and Risk for Falls Requiring Medical Care. *Prev Chronic Dis.* 2015;12:E90. PMC4467255.
36. Jones SMW, **Rosenberg D**, Ludman E, Arterburn D. Medical comorbidity and psychotropic medication fills in older adults with breast or prostate cancer. *Support Care Cancer.* 2015;23(10):3005-9. PMC4551662.
37. Greenwood-Hickman MA, Renz A, **Rosenberg DE**. Motivators and barriers to reducing sedentary behavior among overweight and obese older adults. *Gerontologist.* 2016;56(4):660-8.
38. Gell GM, **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;8(2):290-5. PMC4369178.
39. Goins RT, Jones J, Schure M, **Rosenberg DE**, Phelan EA, Dodson S, Jones DL. Older adults' perceptions of mobility: a metasynthesis of qualitative studies. *Gerontologist.* 2015;55(6):929-42.
40. Marshall SJ, 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;23(4):534-41. PMC4447597.
41. **Rosenberg DE**, Lee I, Young D, Prohaska T, Owen N, Buchner D. Novel strategies for sedentary behavior research. *Med Sci Sports Exerc.* 2015;47(6):1311-5. PMC4362872.
42. Anderson LA, Slonim A, Yen I, Jones DL, Allen P, Hunter RH, Goins T, Leith KH, **Rosenberg D**, Satariano WA, McPhillips-Tangum C. Developing a framework and priority actions designed to promote mobility among older adults. *Health Educ Behav.* 2014 Oct;41(1 Suppl):10S-8S. PMC4447193.
43. Gell N, **Rosenberg DE**, Demiris G, LaCroix A, Patel K. Patterns of technology use among older adults with and without disabilities. *Gerontologist.* 2015;55(3):412-21. PMC4542705.
44. Bethancourt HJ, **Rosenberg DE**, Beatty T, Arterburn DE. Barriers to and facilitators of physical activity program use among older adults. *Clin Med Res.* 2014;12(1-2):10-20. PMC4453303.
45. Patrick K, Norman G, Davila E, **Rosenberg DE**, Calfas K, Covin J, Sallis J. Two-year outcomes of a primary-care and home-based intervention for physical activity, sedentary behavior, and diet in adolescents. *Infant Child Adolesc Nutr.* 2014;6:44-51.
46. **Rosenberg DE**, Lin E, Peterson D, Ludman E, Von Korff M, Katon W. Integrated Medical Care Management and Behavioral Risk Factor Reduction for Multi-Condition Patients: Behavioral Outcomes of the TEAMcare trial. *Gen Hosp Psychiatry.* 2014 Mar-Apr;36(2):129-34. PMC4301679.
47. **Rosenberg DE**, Grothaus L, Arterburn D. Characteristics of older adult physical activity program users. *Am J Manag Care.* 2014;20(7):e245-249.
48. Kerr J, Marshall SJ, Patterson RE, Marinac CR, Natarajan L, **Rosenberg DE**, Wasilenko K, Crist K. Objectively measured physical activity is related to cognitive function in older adults. *J Am Geriatr Soc.* 2013;61(11):1927-31. PMC3858204.
49. **Rosenberg DE**, Bombardier CH, Artherholt S, Jensen MP, Motl RW. Self-reported depression and physical activity in adults with mobility impairments. *Arch Phys Med Rehabil.* 2013;94(4):731-6.
50. **Rosenberg DE**, Turner AP, Littman AJ, Williams RM, Norvell DC, Hakimi KM, Czerniecki J. Body mass index patterns following dysvascular lower extremity amputation. *Disabil Rehabil.* 2013;35(15):1269-1275.
51. **Rosenberg DE**, Huang DL, Simonovich SD, Belza B. Outdoor built environment barriers and facilitators to activity among midlife and older adults with mobility disabilities. *Gerontologist.* 2013;53(2):268-279. PMC3605937.

52. Bombardier CH, Ehde DM, Gibbons LE, Wadhvani R, Sullivan MD, **Rosenberg DE**, Kraft GH. Telephone-based physical activity counseling for major depression in people with multiple sclerosis. *J Consult Clin Psychol.* 2013;81(1):89-99. [Best Paper Award 2013, National Association]
53. Kerr J, Carlson J, **Rosenberg DE**, Withers A. Identifying and promoting safe walking routes in older adults. *Health.* 2012;4(9A):720-724.
54. Kerr J, **Rosenberg DE**, Nathan A, Millstein R, Carlson J, Crist K, Wasilenko K, Bolling K, Castro CM, Buchner, DM, Marshall S. Applying the ecological model of behavior change to a physical activity trial in retirement communities: description of the study protocol. *Contemp Clin Trials.* 2012;33(6):1180-1188. PMC3468706.
55. Huang DL, **Rosenberg DE**, Simonovich SD, Belza B. Food access patterns and barriers among midlife and older adults with mobility disabilities. *J Aging Res.* 2012;2012:231489. Epub 2012 Sep 26. PMC3463949.
56. Jensen MP, Molton IR, Gertz KJ, Bombardier CH, **Rosenberg DE**. Physical activity and depression in middle and older-aged adults with multiple sclerosis. *Disabil Health J.* 2012;5(4):269-276. PMC3462318.
57. Alschuler KN, Gibbons LE, **Rosenberg DE**, Ehde DM, Verrall Am, Bamer AM, Jensen MP. Body mass index and waist circumference in persons aging with muscular dystrophy, multiple sclerosis, post-polio syndrome, and spinal cord injury. *Disabil Health J.* 2012;5(3):177-184.
58. **Rosenberg DE**, Kerr J, Sallis J, Norman G, Calfas K, Patrick K. Promoting walking among older adults living in retirement communities. *J Aging Phys Act.* 2012;20(3):379-394. PMC4162630.
59. Kerr J, **Rosenberg DE**, Frank L. The role of the built environment in healthy aging: community design, physical activity, and health among older adults. *J Planning Literature.* 2012;27(1):43-60.
60. Ding D, Bracy N, Sallis JF, Saelens BE, Norman G, Harris S, **Rosenberg D**, Kerr J, Durant N. Is fear of strangers related to physical activity among youth? *Am J Health Promot.* 2012;26(3):189-195.
61. Patrick K, Calfas KJ, Norman GJ, **Rosenberg DE**, Zabinski MF, Sallis JF, Rock CL, Dillon LW. Outcomes of a 12-month web-based intervention for overweight and obese men. *Ann Behav Med.* 2011;42:391-401.
62. **Rosenberg DE**, Bombardier CH, Hoffman JM, & Belza BB. Physical activity among persons aging with mobility disabilities: shaping a research agenda. *J Aging Res.* 2011;Article ID 708510. PMC2124953.
63. Ding D, Sallis JF, Norman GJ, Saelens BE, Harris SK, Kerr J, **Rosenberg DE**, Durant N, & Glanz K. Community food environment, home food environment, and fruit and vegetable intake of children and adolescents. *J Nutr Educ and Behav.* 2011;44(6):634-638.
64. Ding D, Sallis JF, Kerr J, Lee S, **Rosenberg DE**. Neighborhood environment and physical activity among youth: a review. *Am J Prev Med.* 2011;41:442-455.
65. Kerr J, Carlson J, Sallis JF, **Rosenberg DE**, Leak CR, Saelens BE, Chapman, JE, et al. Assessing health-related resources in senior living residences. *J Aging Studies.* 2011;25(3):206-214.
66. Leek D, Carlson JA, Cain KL, Henrichon S, **Rosenberg DE**, Patrick K, Sallis JF. Physical activity during youth sports practices. *Arch Pediatr and Adolesc Med.* 2011;165(4):294-299.
67. Ramirez ER, Norman GJ, **Rosenberg DE**, Kerr J, Saelens BE, Durant N, Sallis JF. Assessing adolescent screen time and associations with rules to limit screen time in the home. *J Adolesc Health.* 2011;48(4):379-385. PMC3058142.
68. **Rosenberg DE**, Norman GJ, Sallis JF, Patrick K, Calfas KJ. Reliability and validity of the Sedentary Behavior Questionnaire for adults. *J Phys Act Health.* 2010;7:697-705.

69. **Rosenberg DE**, Sallis JF, Kerr J, Maher J, Norman GJ, Duran 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. PMC2834609.
70. Frank L, Kerr J, **Rosenberg DE**, King AC. Healthy aging and where you live: community design relationships with physical activity and body weight in older Americans. *J Phys Act Health*. 2010;7:S82-S90.
71. **Rosenberg DE**, Depp CA, Vahia IV, Reichstadt J, Palmer BW, Kerr J, Norman GJ, Jeste DV. Exergames for subsyndromal depression in older adults: a pilot study of a novel intervention. *Am J Geriatr Psychiatry*. 2010;18(3):221-226. PMC2827817. [top 10 most cited articles in AJGP in 2012].
72. **Rosenberg DE**, Ding M, Sallis, JF, Kerr J, Norman G, Durant N, Harris SK, Saelens BE, Sallis JF. Neighborhood Environment Walkability Scale for Youth (NEWS-Y): reliability and relationship with physical activity. *Prev Med*. 2009;49(2):213-218.
73. **Rosenberg DE**, Kerr J, Sallis JF, Patrick K, Moore DJ, King AC. Feasibility and outcomes of a multilevel place-based walking intervention for seniors: a pilot study. *Health Place*. 2009;15(1):173-179.
74. **Rosenberg DE**, Bull FC, Marshall AL, Sallis JF, Bauman AE. Assessment of sedentary behavior with the International Physical Activity Questionnaire. *J Phys Act Health*. 2008;5:S30-S44.
75. Coleman KJ, **Rosenberg DE**, Conway TL, Sallis JF, Saelens BE, Frank L, Cain K. Physical activity, weight status, and neighborhood characteristics of dog walkers. *Prev Med*. 2008;47(3):309-312. PMC2587031.
76. **Rosenberg DE**, Norman GJ, Sallis JF, Calfas KJ, Patrick K. Covariation of adolescent physical activity and dietary behaviors over 12-months. *J Adolesc Health*. 2007;41(5):472-478. PMC2121661.
77. Norman GJ, Zabinski MF, Adams M, **Rosenberg DE**, Yaroch AL, Atienza AA. A review of e-health interventions for physical activity and dietary behavior change. *Am J Prev Med*. 2007;33(4):336-345. PMC2180189.
78. **Rosenberg DE**, Sallis JF, Conway TL, Cain KL, McKenzie TL. Active transportation to school over 2 years in relation to weight status and physical activity. *Obesity*. 2006;14:1771-1776.
79. Kerr J, **Rosenberg DE**, Sallis JF, Saelens BE, Frank LD, Conway TL. Active commuting to school: associations with built environment and parental concerns. *Med Sci Sports and Exerc*. 2006;38:787-793.

#### Book Chapters:

1. **Rosenberg D**, Hoffman SA, Pellegrini C. (2018). Specific approaches to reduce sedentary behaviour in overweight and obese people. In M Leitzmann, C Jochem, D Schmid (Eds.), *Sedentary behavior epidemiology* (pp. 487-496). Cham, Switzerland: Springer International Publishing.
2. Eisenberg Y, Bouldin ED, Gell N, **Rosenberg DE**. (2017). Planning walking environments for people with disabilities and older adults. In C Mulley, K Gebel, and D Ding (Eds.), *Walking: connecting sustainable transport with health* (pp. 187-210). United Kingdom: Emerald Publishing.
3. Kerr J, **Rosenberg DE**, Patrick K. (2009). Creating environments to encourage physical activity. In C Depp and D Jeste (Eds.), *Successful Cognitive and Emotional Aging* (pp.263-286). Washington, DC: American Psychiatric Association.
4. Sallis JF, **Rosenberg DE**, Kerr J. (2009). Early physical activity, sedentary behavior, and dietary patterns. In L Heinberg and J Thompson (Eds.), *Obesity in Youth: Causes, Consequences, and Cures* (pp. 37-58). Washington, DC: American Psychological Association.

### Published Technical Reports

1. Belza B, Allen P, Brown DR, Farren L, Janicek S, Jones DL, King DK, Marquez DX, Miyawaki CE, **Rosenberg D**. Mall walking: a program resource guide. Seattle, WA: University of Washington Health Promotion Research Center, 2015. <http://www.cdc.gov/physicalactivity/downloads/mallwalking-guide.pdf>

### Published Abstracts:

1. **Rosenberg D**, Anderson ME, Renz A, Kerr J, Arterburn D, McClure J. (April, 2018). How does a sitting reduction intervention alter sedentary, standing, and active time in older adults with obesity? *Ann Behav Med*. 2018; 52:S130. Symposium presented at the annual meeting for the Society of Behavioral Medicine, New Orleans, LA.
2. Buman MP, Toledo MJL, Mullane SL, Takemoto ML, **Rosenberg DE**. Sitting less and moving more: emerging methods and strategies for reducing sedentary behavior. *Ann Behav Med*. 2018; 52: S428. Symposium presented at the annual meeting for the Society of Behavioral medicine, New Orleans, LA.
3. Takemoto ML, Godbole S, Nebeker C, Nichols J, Natarajan L, Madanat H, **Rosenberg D**, Kerr J. the search for the ejecting chair: a mixed methods analysis of tool use in a sedentary behavior intervention. *Ann Behav Med*. 2018; 52: S430. Symposium presented at the annual meeting for the Society of Behavioral medicine, New Orleans, LA.
4. Matson TE, Renz AD, Anderson ML, Greenwood-Hickman MA, McClure JB, **Rosenberg DE**. Psychosocial outcomes following a randomized pilot trial to reduce sitting time in older adults with obesity. *Ann Behav Med*. 2018; 52: S342. Poster presented at the 2018 annual meeting for the Society of Behavioral Medicine, New Orleans, LA.
5. Takemoto ML, Lewars B, Hurst S, Crist K, Nebeker C, Nichols J, Rosenberg D, Kerr J. Exploring user perspectives toward wearable devices through focus groups to design user-centered behavioral interventions. *Ann Behav Med* 2018; 52: S389. Paper presented at the 2018 annual meeting for the Society of Behavioral Medicine, New Orleans, LA.
6. **Rosenberg, DE**, Kadokura E, Bouldin E, Miyawaki C, Higano CS, Hartzler AL. Acceptability of Fitbit for physical activity tracking within clinical care among men with prostate cancer. *AMIA Annu Symp Proc*. 2017; Feb 10: 2050-1059. Paper presented at the 2016 Annual Symposium of the American Medical Informatics Association, Chicago, IL.
7. **Rosenberg D**, Carlson J, Godbole S, Kerr J. Older adult sedentary behavior change in the context of a physical activity intervention. *Ann Behav Med*. 2016;56: S216. Paper presented at the annual meeting for the Society of Behavioral Medicine, San Antonio, TX.
8. **Rosenberg DE**, Buchner D, Marshall S, Di C, Zhang Y, LaCroix AZ. Relationship between sedentary behaviors and falls in older women. *Gerontologist*. 2015;55:S483. Symposium presented at the annual meeting for the Gerontological Society of America, Orlando, FL.
9. LaCroix AZ, Rillamas-Sun E, Di C, Buchner D, **Rosenberg DE**, Evenson K, Stefanick ML. Associations of accelerometer-measured volume and intensity of physical activity and sedentary behavior with cardiovascular disease risk in older women. *Gerontologist*. 2015;55:S484. Symposium presented at the annual meeting for the Gerontological Society of America, Orlando, FL.
10. Buchner D, Di C, Zhang Y, Rillamas-Sun E, **Rosenberg DE**, LaCroix AZ. The relationship of objectively measured physical activity to physical performance in older women. *Gerontologist*. 2015;55:S484. Symposium presented at the annual meeting for the Gerontological Society of America, Orlando, FL.
11. **Rosenberg DE**, King DK, Allen P, Jones D, Marquez DX, Brown D, Belza B. Systematic observations to characterize users of walking programs. *Gerontologist*. 2015;55:S519. Symposium presented at the annual meeting for the Gerontological Society of America, Orlando, FL.

12. **Rosenberg D**, Wang L, Crist K, Kerr J. Multilevel intervention for physical activity in retirement communities. *Ann Behav Med.* 2015;49:S159. Symposium presented at the annual meeting for the Society of Behavioral Medicine, San Antonio, TX, April 2015.
13. Millstein, RA, Hoerster KD, Rosenberg DE, Reiber GN, Nelson K., Saelens BE. Individual, social, and neighborhood associations with sitting time among veterans. *Ann Behav Med* 2015;49:S200. Poster presented at annual meeting for the Society of Behavioral Medicine, San Antonio, TX, April 2015.
14. **Rosenberg DE**, Gell N, Arterburn D. Sedentary time is associated with markers of unhealthy diet in older adults. *Gerontologist.* 2013;53:S161-162. Poster presented at the Gerontological Society of America, New Orleans, LA.
15. **Rosenberg DE**, Kerr J, Poon L, Carlson J, Crist K, Marshall S, Wasilenko K. Relationship between sedentary time and emotional health among older adults in retirement facilities. *Ann Behav Med.* 2013;45:S255. Paper presented at the annual meeting for the Society of Behavioral Medicine, San Francisco, CA, March 2013.
16. **Rosenberg DE**, Kerr J, Sallis JF, Patrick K. Outcomes of a multilevel walking intervention for very old adults. *Ann Behav Med.* 2010;39:S153. [Outstanding Dissertation Award; Physical Activity SIG Student Research Award]. Poster presented at the annual meeting for the Society of Behavioral Medicine, Seattle, WA.
17. Ding D, Sallis J, Bracy N, **Rosenberg DE**, Kerr J, Norman G, Durant N, Saelens B, Harris S. Perceived stranger danger: demographic variation and associations with youth physical activity. *Ann Behav Med.* 2010;39:S53. Paper presented at the annual meeting for the Society of Behavioral Medicine, Seattle, WA.
18. Durant NH, Kerr JF, **Rosenberg DE**, Norman GJ, Saelens BE, Harris SK, Sallis JF. Unsafe neighborhoods promote TV watching in young children. *Ann Behav Med.* 2010;39:S53. Paper presented at the annual meeting for the Society of Behavioral Medicine, Seattle, WA.
19. **Rosenberg DE**, Norman GJ, Sallis JF, Patrick K, Calfas KJ. Two year outcomes of a health-care based intervention targeting physical activity, sedentary behavior and diet among adolescents. *Ann Behav Med.* 2009;37:S17. [Meritorious Student Abstract]. Paper presented at the annual meeting for the Society of Behavioral Medicine, Montreal, Canada.
20. **Rosenberg DE**, Sallis JF, Kerr J, Norman GJ, Durant N, Harris S, Saelens B. Home food availability may be a marker for a less obesogenic home environment. *Ann Behav Med.* 2009;37:S33. Paper presented at the annual meeting for the Society of Behavioral Medicine, Montreal, Canada.
21. **Rosenberg DE**, Kerr J, Sallis JF, Patrick K, Moore DJ. Pedometer step counts and health status among older adults in retirement communities. *Ann Behav Med.* 2008;35:S64. Poster presented at the annual meeting for the Society of Behavioral Medicine, San Diego, CA.
22. **Rosenberg DE**, Norman G, Sallis JF, Calfas KJ, Patrick K. Do lifestyle behaviors predict change in BMI over 2 years in adolescents? *Ann Behav Med.* 2008;35:S203. Poster presented at the annual meeting for the Society of Behavioral Medicine, San Diego, CA.
23. **Rosenberg DE**, Kerr J, Sallis JF, Patrick K. Development of an innovative multilevel intervention strategy for increasing walking in Continuing Care Retirement Communities. *Gerontologist.* 2007;47:S349. Poster presented at the annual meeting for the Gerontological Society of America, San Francisco, CA.
24. **Rosenberg DE**, Conway TL, Sallis JF, Saelens BE, Frank L, Cain K, Coleman K. Physical activity and neighborhood characteristics of dog walkers. *Med Sci Sports Exerc.* 2007;39:S196. Poster presented at the annual meeting for the American College of Sports Medicine, New Orleans, LA.
25. **Rosenberg DE**, Kerr J, Patrick K, Moore D, Sallis JF. Feasibility of a senior walking intervention using site-specific maps and individualized goal-setting. *Ann Behav Med.*

- 2007;33:S65. Poster presented at the annual meeting for the Society of Behavioral Medicine, Washington, DC.
26. **Rosenberg DE**, Norman GJ, Wagner N, Sallis JF, Calfas KJ, Patrick K. Reliability and validity of a sedentary behavior inventory for adults. *Ann Behav Med.* 2007;33:S20. Paper presented at the annual meeting for the Society of Behavioral Medicine, Washington, DC.
  27. **Rosenberg DE**, Norman GJ, Calfas KJ, Sallis JF, Patrick K. Covariation between 12-month change in dietary and physical activity behaviors in adolescents. *Ann Behav Med.* 2006;31:S96. Paper presented at the annual meeting for the Society of Behavioral Medicine, San Francisco, CA.
  28. **Rosenberg DE**, Sallis JF, Conway T, Saelens BE, Frank L, Cain K. Psychosocial correlates of physical activity by neighborhood walkability and income. *Ann Behav Med.* 2006;31:S96. Paper presented at the annual meeting for the Society of Behavioral Medicine, San Francisco, CA.
  29. **Rosenberg DE**, Calfas KJ, Norman GJ, Zabinski MF, Patrick K. Self-management strategies as mediators of physical activity in adolescents. *Ann Behav Med.* 2005;29:S67. Poster presented at the annual meeting for the Society of Behavioral Medicine, Boston, MA.
  30. **Rosenberg DE**, Kerr J, Sallis JF, Saelens BE, Frank L, Cain K. Parental and environmental correlates of walking to school. *Ann Behav Med.* 2005;29:S114. [Citation Abstract]. Paper presented at the annual meeting for the Society of Behavioral Medicine, Boston, MA.
  31. **Rosenberg DE**, Calfas KJ, Norman GJ, Patrick K, Elder JP. Adolescent strategy use, stage of change, and physical activity behavior. *Ann Behav Med.* 2004;27:S90. Poster presented at the annual meeting for the Society of Behavioral Medicine, Baltimore, MD.
  32. **Rosenberg DE**, Sallis JF, Conway T, Hill JO. The health effects of active modes of transportation to school. *Ann Beh Med.* 2004;27:S114. Paper presented at the annual meeting for the Society of Behavioral Medicine, Baltimore, MD.

Additional Presentations of Research Findings at Professional Meetings:

1. **Rosenberg DE**, Anderson M, Renz A, Matson T, Lee AK, McClure J, Kerr J, Arterburn D. (November, 2018). Changes in sitting patterns following a randomized controlled trial to reduce sedentary time in older adults with obesity. Poster presented at the Gerontological Society of America, annual meeting, Boston, MA.
2. **Rosenberg DE**, Matson TE, Anderson ML, Renz AD, Kerr J, Arterburn D, McClure J. (October, 2018). The impact of a sitting reduction intervention on cardiometabolic health in obese older adults. Poster presented at the International Society for Physical Activity and Health meeting, London, UK.
3. **Rosenberg DE**, Anderson M, Bobb JF, Larson E, LaCroix A. (July, 2018). Objective monitoring of physical activity and sedentary time within the Adult Changes in Thought (ACT) Cohort Study. Poster presented at the Alzheimer's Association International Conference, Chicago, IL.
4. **Rosenberg DE**, Gardiner P. (June, 2016). Interventions to reduce sedentary behavior in later life. Symposium presented at the World Congress on Active Aging, Melbourne, Australia.
5. Trinh L, **Rosenberg DE**, Arbour-Nicitopoulos KP, Sabiston CM, Alibhai SMH, Jones JM, Berry SR, Loblaw A, Faulkner GE. (April, 2016). Patterns of sedentary behavior and quality of life among men on androgen deprivation therapy for prostate cancer. Late-breaking poster presented at the annual meeting for the Society of Behavioral Medicine. Washington DC.
6. **Rosenberg D**, Kadokura E, Vilardaga R. (April, 2016). Can inactivity alert features in fitness trackers improve breaks from sitting in obese older adults? Late-breaking poster presented at the annual meeting for the Society of Behavioral Medicine. Washington, DC.

7. **Rosenberg D**, Kadokura E, Clayton J, Bouldin E, Chubak J, Higano CS. Characterizing sedentary time in men with prostate cancer (2015, October). Sedentary Conference, Urbana-Champaign, IL.
8. Bellettiere J, Singhanian A, Natarajan L, **Rosenberg D**, LaCroix AZ, Godbole S, & Kerr J. (2015, September). Time spent in short-unbroken bouts of sedentary time has differential associations with health than time spent in prolonged unbroken bouts; a study in older adults. Presentation at the International Conference of Diet and Activity Measurement. Brisbane, Australia.
9. Bellettiere J, Singhanian A, Natarajan L, LaCroix A, **Rosenberg D**, Godbole S, Kerr J. (2015, September). Time Spent in Short-Unbroken Bouts of Sedentary Time has Differential Associations with Health than Time Spent in Prolonged Unbroken Bouts; A Study in Older Adults. Poster presented at the International Conference on Diet and Activity Methods. Brisbane, Australia.
10. Brandzel S, **Rosenberg D**, Bush M, Johnson D, Henderson L, Kerlikowske K, Onega T, DeMartini W, Wernli KJ. (2015, March). A qualitative examination of patient experiences and preferences regarding surveillance breast imaging after treatment for breast cancer. Poster presented at the American Society of Preventive Oncology annual meeting. University of Alabama at Birmingham.
11. Gell NM, Jones SW, **Rosenberg DE**. (2014, November). Change in sitting and stepping behavior across the day after a sedentary behavior intervention. Late breaking poster presented at the annual meeting of the Gerontological Society of America. Washington, DC.
12. Gell NM, Kerr J, Black M, **Rosenberg DE**. (2014, October). Barriers and facilitators of using mobile health devices among older adults. Mobile Health in Rehabilitation Conference. Boston, MA.
13. Gell N, **Rosenberg D**, Grothaus L, Arterburn D. (2014, June). Using health risk assessments to understand older adult sedentary time. Poster presented at the annual meeting of the Society for Epidemiological Research. Seattle, WA.
14. Kerr J, Marshall S, Golshan S, Crist K, Bolling K, **Rosenberg D**, Sallis J, Buchner D. (2014, May). Effects of a multilevel intervention on step counts in older adults at three months. Oral presentation at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity. San Diego, CA.
15. Kerr J, **Rosenberg D**, Carlson J, Saelens B, Owen N, Cain K, Conway T, Sallis J. (2014, May). Sedentary time and depressive symptoms in adults: exploring moderators. Poster presentation at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity. San Diego, CA.
16. Kerr J, Atkin A, Carlson J, **Rosenberg D**, Saelens B, Conway T, Owen N, Sallis J. (2014, May). Ecological correlates of sedentary time in adolescents: individual, interpersonal, home and neighborhood. Poster presentation at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity. San Diego, CA.
17. Millstein R, Kerr J, Wang L, Golshan S, Crist K, **Rosenberg D**. (2014, May). Exploring relationships between physical activity and mental health in three older adult populations. Poster presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity. San Diego, CA.
18. **Rosenberg DE**, Gell N, Greenwood-Hickman MA, Renz A, Arterburn D. (2014, May). Reducing sitting time in older adults with obesity. Poster presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity. San Diego, CA.
19. **Rosenberg DE**, Grothaus L, Gell N, Arterburn D. (2014, April). Using health risk assessments to understand older adult sedentary time. Poster presented at the annual meeting for the HMO Research Network. Phoenix, AZ.
20. **Rosenberg DE**, Gell N, Kerr J, Carlson JA, Belza B. (2013, November). Using GPS to examine active transportation patterns among people aging with mobility disabilities. Oral presentation at the American Public Health Association annual meeting, Boston, MA.

21. **Rosenberg DE**, Kerr J. (2013, November). Promoting physical activity among older adult populations and built environment changes in retirement communities for optimal aging. Pre-conference Workshop at the Gerontological Society of America, New Orleans, LA.
22. Greenwood-Hickman, MA, Renz A, **Rosenberg DE**. (2013, September). Barriers and facilitators to reducing sedentary time among older adults with obesity. Poster at the University of Washington Elder Friendly Futures conference.
23. **Rosenberg DE**, Gell N, Papadopoulos H. (2013, June). Objectively quantifying physical activity in an evidence-based program for older adults. Poster at the International Conference on Ambulatory Monitoring of Physical Activity and Movement annual meeting, Amherst, MA.
24. Kerr J, Crist K, Marshall S, **Rosenberg DE**, Castro C, Sallis J, Wasilenko K, Bolling K, Chen J, Wang L. (2013, February). Comprehensive evaluation of a multilevel physical activity intervention in older adults. Oral presentation at the Active Living Research annual meeting, San Diego, CA.
25. Bombardier C, **Rosenberg DE**, Artherholt S, Motl R, Jensen M. (2012, October). Depression and physical activity among adults with multiple sclerosis, muscular dystrophy, spinal cord injury, and post-polio syndrome. Poster presented at the European Committee for Treatment and Research in Multiple Sclerosis, Lyon, France.
26. Bethancourt H, **Rosenberg DE**, Beatty T, Arterburn D. (2012, September). Barriers and facilitators of physical activity among Medicare members. Poster presented at Creating Elder Friendly Communities: A University of Washington Gerontology Research Forum, Seattle, WA.
27. **Rosenberg DE**, Belza B, Petz S. (2012, May). Adapting the Neighborhood Environment Walkability Scale for Older Adults with Mobility Disabilities. Symposium presented at the International Society for Behavioral Nutrition and Physical Activity, Austin, TX.
28. **Rosenberg DE**, Bombardier C, Jensen M, Goetz M, Ehde D. (2011, November). Physical activity and depression among people aging with disabilities. Oral presentation at the American Public Health Association annual meeting, Washington, DC.
29. **Rosenberg DE**, Belza B, Petz S. (2011, November). The Built Environment, Accessibility, and Mobility Study. Oral presentation at the American Public Health Association annual meeting, Washington, DC.
30. **Rosenberg DE**, Belza B. (2011, November). Using GPS to enhance our understanding of mobility in older adults. Oral presentation at the Gerontological Society of America annual meeting, Boston, MA.
31. Jensen M, Molton I, Gertz K, Bombardier C, **Rosenberg DE**. (2011, October). Physical activity and depression in middle and older-aged adults with multiple sclerosis. Poster presented at the European and Americas Committees for Treatment and Research in Multiple Sclerosis, Amsterdam, Netherlands.
32. Petz S, **Rosenberg DE**, Belza B. (2011, April). GPS-directed interviewing: a technology-driven qualitative approach. Poster presented at the Western Institute of Nursing annual conference, Las Vegas, NV.
33. Kerr J, **Rosenberg DE**, Marshall S. (2011, April). An ecological multi-level physical activity intervention in retirement communities. Workshop presented at the American Society on Aging annual conference, San Francisco, CA.
34. **Rosenberg DE**, Sallis JF, Kerr J, Norman GJ, Durant N, Harris SK, Saelens BE. (2010, February). Dog walking among youth: relationships with physical activity, BMI, and built environment. Poster presented at the annual Active Living Research conference, San Diego, CA.
35. Carlson JA, Kerr J, **Rosenberg DE**, Sallis JF, Saelens BE, Leak CR, Frank LD, Chapman JE, King AC. (2010, April). Development and evaluation of the Audit of Physical Activity

- Resources for Seniors (APARS) tool. Rapid communications poster presented at the annual meeting for the Society of Behavioral Medicine, Seattle, WA.
36. **Rosenberg DE**, Depp C, Vahia I, Jeste D, Reichstadt J. (2009, June). An exergame pilot study to improve mental and physical health among older adults. Lecture presented at the 2009 Games for Health Conference, Boston, MA.
  37. **Rosenberg DE**, Kerr J, Sallis J. (2009, February). Use of on- and off-site environments for walking by older adults living in retirement communities. Poster presented at the 2009 Active Living Research conference, San Diego, CA.
  38. Restivo MD, **Rosenberg DE**, Kerr J, Patrick K. (2008, May). Development of a brief screening tool to assess physical functioning in older adults. Poster presented at the annual meeting for the American Geriatrics Society, Washington, DC.
  39. Quiqley CA, Sallis JF, **Rosenberg DE**, Conway TL, Saelens BE, Frank LD. (2008, March). Psychosocial correlates of adult physical activity: do they differ for blacks and whites? Rapid communications poster presented at the annual meeting for the Society of Behavioral Medicine, San Diego, CA.
  40. **Rosenberg DE**, Maher J, Sallis JF, Kerr J, Norman G, Saelens BE, Harris SK, Durant N. (2008, April). Home environment related to activity, sedentary behavior, and body mass index in children and adolescents. Poster presented at the annual meeting for Active Living Research, Washington, DC.
  41. **Rosenberg DE**, Kerr J, Sallis JF, Norman G, Saelens BE, Harris SK, Durant N. (2008, April). Built environment characteristics and neighborhood-based physical activity among youth. Poster presented at the International Congress of Physical Activity and Public Health, Amsterdam, Netherlands.
  42. Kerr J, Saelens BE, **Rosenberg DE**, Norman G, Durant N, Eggerman J, Sallis JF. (2006, February). Active Where?: multi-region formative research to understand children's activity environments. Poster presented at the annual meeting for Active Living Research, San Diego, CA
  43. Sallis JF, Norman GJ, Calfas KP, **Rosenberg DE**, Zabinski MF, Patrick K. (2004, August). Cognitive and behavioral self-regulatory processes in adolescent physical activity and nutrition change: PACE+. Poster presented at the annual meeting of the International Society of Behavioral Medicine, Mainz, Germany.

### Webinars

1. Invited panelist, "Mid-Career Transitions." Society of Behavioral Medicine webinar November, 2018.
2. Moderator, "Current Approaches to Physical Activity Promotion." Society of Behavioral Medicine webinar, December 2018.
3. Presenter, "Wearable devices to support sedentary behavior reduction in older adults with overweight and obesity." Society of Behavioral Medicine webinar, November 2017.

### Ad-Hoc Peer Review

American Journal of Preventive Medicine  
 Journal of Science and Medicine in Sport  
 Journal of Physical Activity and Health  
 Journal of Rehabilitation Research & Development  
 Journal of Aging and Physical Activity  
 Journal of Environmental and Public Health  
 International Journal of Behavioral Nutrition and

International Journal of Obesity  
 Journal of Children and Media  
 Pediatric Exercise Science  
 Journal of Adolescent Health  
 Sports Medicine  
 Preventive Medicine  
 Journal of Applied Gerontology

Physical Activity  
Health Education and Behavior  
Canadian Journal on Aging  
Annals of Behavioral Medicine  
International Journal of Health Geographics  
Medicine and Science in Sports and Exercise  
American Journal of Lifestyle Medicine  
Rehabilitation Psychology  
Archives of Gerontology and Geriatrics  
Journal of Epidemiology and Community Health  
Surgery for Obesity and Related Diseases  
Journal of Alzheimer's Disease  
American Journal of Public Health

Behavioral Medicine  
Women & Health  
Contemporary Clinical Trials  
BMC Public Health  
Stroke Research and Treatment  
Annals of Epidemiology  
The Gerontologist  
Journal of Pain  
Games for Health Journal  
Maturitas  
Social Science & Medicine  
Plos One

### **Teaching Experience**

#### **San Diego State University**

Instructor, Psychology Department Fall 2007  
Health Psychology (upper division elective)  
Supervisor: Elizabeth Klonoff, Ph.D.

Graduate Teaching Assistant, Graduate School of Public Health Fall 2003  
Research Methods and Proposal Writing  
Supervisor: Karen Coleman, Ph.D.

#### **Invited Talks**

"Mobile health tools in the context of sedentary behavior and physical activity interventions for older adults and populations with chronic conditions." mHealth: Sensors, Analytic Methods and Precision Public Health symposium, Fred Hutchinson Cancer Research Center, Seattle, WA.

"Updates from the Adult Changes in Thought accelerometer study." (August, 2018). University of California San Diego annual program grant symposium, Department of Family and Preventive Medicine, San Diego, CA.

"Updates on sitting reduction intervention research in older adults." (August, 2018). University of California San Diego annual program grant meeting, Department of Family and Preventive Medicine. San Diego, CA.

"Overview of sedentary behavior and physical activity research at KP Washington." (August, 2018). Kaiser Permanente Northwest research group, Portland, OR.

"Sedentary behavior, physical activity and aging." (August, 2018). Annual symposium for the Adult Changes in Thought U01, Seattle, WA.

"Standing up for health: sitting reduction interventions in older adults." (June, 2018). Kaiser Permanente Washington nursing continuing medical education.

"Sedentary behavior: a new marker of older adult health?" (June, 2018). Enhance Fitness trainer quarterly meeting.

“Sedentary behavior and aging.” (May, 2018). University of Washington NUTR 405, Physical activity in health and disease.

“Sit, Stand, Move: The Activity Spectrum in Older Adults.” (March, 2018). Health Promotion Research Center, University of Washington.

“Sit, Stand, Move: Does Sedentary Time Impact the Health of Older Adults with Chronic Conditions?” (November, 2017). REACH Research Group, UC San Diego.

“Wearable Devices to Reduce Sedentary Behavior.” (November, 2017). Society of Behavioral Medicine Behavior Change Grand Rounds (webinar).

“Sit, Stand, Move: Does Sedentary Time Impact the Health of People with Chronic Conditions?” (October, 2015). Fred Hutchinson Cancer Research Center, Behavior and Obesity Research Group (BORG).

“Eat, sit, move: leveraging technology for health behavior change.” (September, 2015). Microsoft Research.

“Sedentary behavior and healthy aging.” (August 2015). Adult Changes in Thought, ACT, Study Research Symposium “Learning about the Aging Brain.”

“Sitting Less: What is it Good for?” (June, 2014). Group Health Research Institute faculty retreat.

“Using GPS to examine physical activity and mobility in people with mobility disabilities.” (February, 2013). Research Colloquium on Technology and Aging, Department of Biomedical Informatics and Medical Education, University of Washington.

“Use of physical activity programs among Group Health Medicare beneficiaries.” (December, 2012). University of Washington Centers for Comparative and Health Systems Effectiveness, Seattle, WA.

“Outdoor built environment barriers for older adults with mobility disabilities.” (September, 2012). Feet First policy committee (pedestrian advocacy organization), Seattle, WA.

“Built Environment Outcomes of the BEAM Study.” (July, 2012). Livable Communities Subcommittee of the King County Mobility Coalition, Seattle, WA.

“Multilevel intervention approaches for promoting physical activity.” (July, 2012). Alere research group, Seattle, WA.

“Multilevel intervention approaches for promoting physical activity among older adults.” (July, 2012). Introduction to Research in Nursing, School of Nursing, University of Washington.

“Physical Activity in a Changing Environment.” (May, 2012). Health Psychology course, Seattle University.

“Built Environment Outcomes of the BEAM Study.” (April, 2012). Northwest Universal Design Council, Seattle, WA.

“The Built Environment, Accessibility, and Mobility (BEAM) Study.” (June, 2011). American Institute of Architects Design for Aging Committee, Seattle, WA. Co-presenter, Basia Belza, Ph.D.

“A multilevel walking intervention for older adults living in retirement communities.” (November, 2010). Introduction to Research in Nursing, School of Nursing, University of Washington.

“Engaging sedentary older adults in active living: activating the “go” gene.” CareForce, Sunrise Assisted Living, and Life Care Center of Kirkland 2<sup>nd</sup> Annual Event. Co-presenters, Basia Belza, Ph.D., Chris Fordyce, M.D.

“Multicultural perspectives on physical activity.” (May, 2010). Geriatrics in Physical Therapy, Department of Rehabilitation Medicine, University of Washington. Co-presenter, Dr. Basia Belza, Ph.D.

“Current approaches to obesity treatment.” (April, 2010). Psi Chi Initiation, University of Puget Sound, Tacoma, WA.

“Physical activity and PTSD.” (January, 2010). PTSD Research Forum, Seattle VA.

“Promoting physical activity in rehabilitation.” (December, 2009). Rehabilitation Care Service, Seattle VA.

“Physical activity interventions for older adults.” (November, 2009). Introduction to Research in Nursing, School of Nursing, University of Washington.

“Physical activity and sedentary behavior.” (February, 2008). Health Psychology, Psychology Department, San Diego State University.

“Effects of physical activity on cognitive function.” (May, 2007). Stein Institute for Research on Aging new investigator and postdoctoral seminar, University of California, San Diego. Co-presenter, Jacqueline Kerr, Ph.D.

“Cardiovascular disease.” (October, 2006). Health Psychology, Psychology Department, San Diego State University.

### **Research Advising and Supervising**

Sarita Hammedy, BA—MPH student in health services, University of Washington, 2018-  
Boeun Kim, RN, MSN—PhD student in nursing, University of Washington, 2018-  
Yunhua Xiang, MS—PhD student in biostatistics, University of Washington, 2017-  
Michelle Black, PhD—Postdoctoral Fellow and former PhD student, UC San Diego, 2016-  
Tessa Matson, BA – MPH in Health Services student, practicum advisor, 2016-  
Elyse Kadokura, BS – MPH in Epidemiology student, practicum and research advisor, 2015-  
2016

Jamie Clayton, BS – MPH in nutrition science, practicum and thesis advisor, 2015-2016  
Melissa Fessel, RN, BSN, CCRN – Doctoral Student, University of Washington School of  
Nursing, advisor for Healthy Brain Initiative Scholars Research Project, 2015-2016  
Shih-Yin Lin, BFA, MM – Doctoral Student, University of Washington School of Nursing,  
dissertation committee member, 2015-2016

Erin Bouldin, PhD – Postdoctoral Fellow, Health Services Research Department, VA Puget Sound, 2014-2015  
Kelsey Pullar, BA – MPH in Health Services student, MPH advisor, 2013-2015  
Salene Jones, PhD – Postdoctoral Fellow, Group Health Research Institute, 2013-2015  
Shomir Chaudhuri, BS – Doctoral Student, Department of Biomedical Informatics and Medical Education, University of Washington School of Medicine, dissertation committee member, 2013-2015  
Mikael-Anne Greenwood, BA – MPH in Health Services student, research practicum and independent study supervisor, thesis committee member, 2013-2014  
Nancy Gell, PT, MPH, PhD – Postdoctoral fellow, Group Health Research Institute, 2012-2014  
Hilary Bethancourt, BA – Doctorate of Anthropology and Masters of Public Health student; research practicum and independent study supervisor; 2012-2013  
Deborah Huang, MD – Masters in Public Health student; research practicum supervisor; 2011  
Amy Tseng, BA – Public Health undergraduate; research internship supervisor; 2011  
Abi Ambessa, BA—Public Health undergraduate; research internship supervisor; 2011  
Shannon Petz, BSN, RN – School of Nursing Doctoral Student; research supervisor; 2010-2011  
Ashley Withers, MPH – San Diego State University Graduate School of Public Health masters student, research supervisor; 2007-2009  
Michaela Restivo, MD – Medical Student Training in Aging Research Program UC San Diego, research supervisor; summer 2007

### **Pending Research Support**

Grant #: R01 DK114945-01A1 (Kerr; 7<sup>th</sup> percentile score)  
Dates: 4/1/2018-3/31/2023  
Agency: National Institute of Diabetes and Digestive and Kidney Diseases  
Title: Novel Computational Techniques to Detect the Relationship Between Sitting Patterns and Metabolic Syndrome in Existing Cohort Studies  
Goals: To use data from the Adult Changes in Thought Study to develop new machine learning methods for estimating sitting patterns from hip worn accelerometer data.  
Role: Site PI

### **Ongoing Funded Research Support**

Grant #: R01 HL132880 (Rosenberg)  
Dates: 4/1/2018-3/31/2023  
Agency: National Heart, Lung, and Blood Institute  
Title: Randomized Trial to Reduce Sitting Time and Improve Cardiometabolic Health in Obese Older Adults  
Goals: To conduct a randomized controlled trial comparing a sitting reduction program to a healthy living attention control in older adults with obesity. Primary outcomes include sitting time and blood pressure.  
Role: Principal Investigator

Grant #: n/a  
Dates: 4/1/2018-3/31/2019  
Agency: Fred Hutchinson Cancer Research Center pilot funds  
Title: Design and feasibility of digital lifestyle support for prostate cancer survivors

Goals: To build a Facebook group integrated with Fitbit devices to support physical activity in prostate cancer survivors and conduct a 6-week field study.

Role: Co-investigator

Grant #: K23HL119352 (Rosenberg)

Dates: 9/1/2014-7/31/2018

Agency: National Heart, Lung and Blood Institute

Title: Investigating Sedentary Time in Aging: New Directions Using Technology (iSTAND)

Major goal: This project includes two key goals: 1) to better understand relationships between sedentary time and health using objective-measurement and machine learning; and, 2) developing and testing the effects a novel technology-enhanced sedentary behavior reduction program in a pilot study of older adults who have chronic health conditions.

Role: Principal Investigator

Grant #: P01AG052352-01A1 (LaCroix/Kerr)

Dates: 7/1/17-5/31/22

Agency: National Institute on Aging

Title: Sedentary behavior interrupted: acute, medium, and long-term effects on biomarkers of healthy aging, physical function and mortality

Major goal: Project 2 of the Sedentary Time and Aging Research (STAR) Program will investigate how 3 month changes in standing time, brief sit-to-stand transitions and physical activity (PA) breaks, will impact biomarkers of healthy aging, and physical, emotional and cognitive functioning compared to healthy living attention controls.

Role: Co-investigator

Grant #: U01AG006781 (Larson, Crane)

Dates: 5/5/2015-4/30/2020

Agency: National institute on Aging

Title: Alzheimer's Disease Patient Registry (ADPR/ACT)

Goal: To determine risk factors for Alzheimer disease in a 20-year epidemiological study. I co-lead Aim 2 in which we added objective measures of physical activity and sedentary time (Actigraph and activPAL) and will associate these measures with cognitive and functional resilience.

Role: Co-Investigator

Grant #: U48 DP001911 (Harris)

Dates: 03/01/2013-9/29/2019

Agency: CDC

Title: Health Promotion Research Center (HPRC)

Goal: To provide guidance on HPRC research projects related to healthy aging, with a focus on physical activity.

Role: Co-investigator

Grant #: R01 DK114196 (Arterburn)

Dates: 9/1/2017-8/31/2022

Agency: National Institute of Diabetes and Digestive and Kidney Diseases

Title: Moving to Health: How built environments impact weight and glycemic control

Goal: To determine whether measures of the built environment variables can predict longitudinal changes in body weight and HbA1c among GH adults and children during up to 12 years follow-up.

Role: Co-investigator

Grant #: R01 AG057508 (Yaffe/Larson)

Dates: 9/15/2017-4/30/2021

Agency: National Institute on Aging

Title: Multi-domain Alzheimer's Risk Reduction Study (MARRS) Pilot

Goal: To develop and then pilot test a unique personalized multiple risk factor reduction strategy. The ultimate goal of this strategy is to reduce the rate of cognitive decline in older persons and ideally prevent onset of dementia.

Role: Co-investigator

### Current Unfunded Projects

Grant #: n/a (Gardiner)

Dates: 5/1/2016-6/30/2017

Agency: Dementia Collaborative Research Centres, Australian National University

Title: A randomised controlled trial of reducing prolonged sitting to improve cognitive function in insufficiently active frail older adults

Major goal: Conduct a pilot RCT to reduce sitting time in older adults with frailty and examine cognitive function, behavior, mental well-being, body composition, and sleep outcomes.

Role: Co-investigator

Grant #: 2015/1397 (Lynch)

Dates: 11/1/2015-10/30/2017

Agency: World Cancer Research Fund International

Title: Using wearable technology activity monitors to increase physical activity and decrease sitting time amongst breast cancer survivors

Major goal: Examine feasibility of using various activity monitoring devices to support active behaviors in breast cancer survivors.

Role: Co-investigator

Grant #: 1R01HL125405 (Kerr)

Dates: 12/2014-11/2019

Agency: National Heart, Lung, and Blood Institute

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

Goal: Investigate the efficacy of PEP4PA to reduce physical activity disparities 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.

Role: Consultant

### Past Funded Projects

Grant #: R21AG043853 (Rosenberg)

Dates: 9/15/15-5/31/2018

Agency: National Institute on Aging

Title: Take Active Breaks from Sitting (TABS): Reducing Sedentary Time in Obese Older Adults

Major goal: To conduct a randomized pilot trial to examine the effects of sedentary time reduction in obese older adults.

Role: Principal Investigator

Grant #: None (Klasnja)  
Dates: October 2016-March 2018  
Agency: Partnership for Innovation, Group Health Foundation  
Title: Partnership to Improve Bariatric Surgery Outcomes with Mobile Technology  
Major Goal: To test whether a mobile lifestyle behavior support program is feasible, promotes physical activity, health outcomes and patient satisfaction.  
Role: Co-Investigator

Grant #: U24 CA171524 (Kushi)  
Dates: August 2014-August 2015  
Agency: National Cancer Institute  
Title: Physical Activity and Sedentary Time in Prostate Cancer (the PAST Study)  
Major Goal: To examine the feasibility of incorporating objectively measured physical activity and sedentary behavior data into clinical care for men with prostate cancer taking androgen deprivation therapy.  
Role: Principal Investigator (CRN Pilot Project grant)

Grant #: None (Rosenberg)  
Dates: January 2013-December 2014  
Agency: Group Health Research Institute  
Title: Taking Active Breaks from Sitting Pilot Study  
Major Goal: To develop and test the feasibility and acceptability of a sedentary time reduction program for obese adults over age 60 using mixed-methods.  
Role: Principal Investigator

Grant #: U24 CA171524 (Kushi)  
Dates: April 2013-June 2015  
Agency: National Cancer Institute  
Title: CRN4: Cancer Research Network (CRN) Scholars program within the CRN  
Major Goal: To enhance the ability to conduct impactful, relevant cancer research in integrated health care systems that provide health care to over 10 million members by providing a platform for trainees to grow their cancer research.  
Role: CRN Scholar

Grant #: U48 DP001911 (Harris)  
Dates: March 2013-September 2014  
Agency: Centers for Disease Control and Prevention  
Title: University of Washington Health Promotion Research Center  
Major Goal: HPRC conducts community-based research that promotes the health and well-being of middle-aged and older adults.  
Role: Co-Investigator

Grant #: 1R01HL098425-01 (Kerr)  
Dates: April 2010-December 2014  
Agency: National Institutes of Health, National Heart, Lung and Blood Institute  
Title: Multilevel Intervention for Physical Activity in Retirement Communities  
Goal: To compare the outcomes of a physical activity intervention including built environment and advocacy components to a non-active comparison group among older adults living in retirement facilities.  
Role: Consultant

Grant #: U48DP001911 (Rosenberg, Belza)

Dates: October 2010-September 2011

Agency: University of Washington Health Promotion Research Center (a CDC-funded Prevention Research Center)

Title: Modifying the Neighborhood Environment Walkability Scale for Older Adults with Mobility Disabilities

Goal: To develop a measure of perceptions of the built environment for use among adults aging with mobility impairments. In-depth home-based interviews utilizing information from Global Positioning Systems devices, will be conducted.

Role: Co-Principal Investigator

Grant #: F31HL090071-0 (Rosenberg)

Dates: September 2007- August 2009

Agency: National Institutes of Health, National Heart, Lung and Blood Institute

Title: A Multilevel Walking Intervention for Sedentary Assisted-Living Seniors

Goal: To compare the outcomes of a walking intervention that includes built environment components to a standard walking intervention among older adults living in retirement facilities.

Role: Investigator

NIH Loan Repayment Program