

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), 2018-present

Associate Professor, Health Systems Science, Kaiser Permanente Bernard J. Tyson School of Medicine, 2020-present

Affiliate Associate Professor, Department of Health Services, University of Washington School of Public Health, 2019-present

Assistant Scientific Investigator, Kaiser Permanente Washington Health Research Institute (formerly the Group Health Research Institute), 2011-2018

Affiliate Assistant Professor, Department of Health Services, University of Washington School of Public Health, 2012-2019

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

Society of Behavioral Medicine Leadership Institute, 2021

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 Leadership and Activities

Member, Physical Activity Guidelines Midcourse Report on older adults sub-committee of the President's Council on Sports, Fitness & Nutrition (PCSFN), 2022

Editorial board, Journal of Aging and Physical Activity, 2019-

Co-chair, Physical Activity Special Interest Group, Society of Behavioral Medicine, 2018-2021

Healthy policy ambassador, Society of Behavioral Medicine, 2020-2021

Program planning committee, Society of Behavioral Medicine, 2018-2019

Co-chair, Aging SIG, International Society of Behavioral Nutrition and Physical Activity, 2018-2019

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

Annual Meeting Submission 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

Honors and Awards

Faculty Mentoring Award, KPWHRI, 2021

Fellow, Society of Behavioral Medicine, 2021

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, 2011-2016

American Psychological Association, 2008-2014

KPWHRI or University Service

Equity, Inclusion, and Diversity Champion, 2022-Present
Co-Chair, KPWHRI Senior Investigator Faculty Search Committee, 2022
Co-Chair, KPWHRI Research Associate Faculty Search Committee, 2021
Co-Chair, KPWHRI Worksite Wellness Strategic Pillar, 2021-2022
UW Department of Health Services MPH/MS Admissions Committee, 2020-2021, 2022-2023
Lead, KPWHRI Faculty Equity Team Sub-Committee, 2020-2021
Member, KPWHRI Equity Team, 2020-2021
Lead, KPWHRI Mobile Health Interest Group, 2020-2022
Member, Faculty National Search Committee, KPWHRI, 2017-8
Co-convener/advisor, Equity Committee, Kaiser Permanente Washington Health Research Institute, 2016-2018
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

*Indicates senior authorship

Peer Reviewed Publications

1. Kim B, Barrington WE, Dobra A, **Rosenberg D**, Hurvitz P, Belza B. Mediating role of walking between perceived and objective walkability and cognitive function in older adults. *Health Place*. In press.
2. Hyde E, Nguyen S, Tuz-Zahra F, Moore CC, Greenwood-Hickman MA, Walker RL, Natarajan L, **Rosenberg DE**, Bellettiere J. Agreement of step-based metrics from ActiGraph and activPAL accelerometers worn concurrently among older adults. *J Meas Phys Behav*. In press.
3. Carlson JA, Ridgers ND, Nakandala S, Zablocki R, Tuz-Zahra F, Bellettiere J, Hibbing PR, Steel C, Jankowska MM, **Rosenberg DE**, Greenwood-Hickman MA, Zou J, LaCroix AZ, Kumar A, Natarajan L. CHAP-child: An open source method for estimating sit-to-stand transitions and sedentary bout patterns from hip accelerometers among children. *Int J Behav Nutr Phys Act*. 2022;19(1):109. PMC9419346.
4. Bellettiere J, Carlson JA, Di C, Dillon L, Dunstan D, Greenwood-Hickman MA, Healy GN, Hibbing PR, Jankowska MM, Kumar A, LaCroix AZ, Nakandala S, Owen N, Ridgers ND, **Rosenberg DE**, Tuz-Zahra F, Winkler E, Zou J, & Natarajan L. CHAP-Adult: A Reliable and Valid Algorithm to Classify Sitting and Measure Sitting Patterns Using Data From Hip-Worn Accelerometers in Adults Aged 35+. *J Meas Phys Behav*. 2022:1-9. doi: 10.1123/jmpb.2021-0062.
5. Cruz M, Drewnowski A, Bobb JF, Hurvitz PM, Vernez Moudon A, Cook A, Mooney SJ, Buszkiewicz JH, Lozano P, **Rosenberg DE**, Kapos F, Theis MK, Anau J, Arterburn D. Differences in Weight Gain Following Residential Relocation in the Moving to Health (M2H) Study. *Epidemiology*. 2022;33(5):747-755. PMC9378543.
6. Crist K, Full KM, Linke S, Tuz-Zahra F, Bolling K, Lewars B, Liu C, Shi Y, **Rosenberg DE**, Jankowska M, Benmarhnia T, Natarajan L. Health effects and cost-effectiveness of a multilevel physical activity intervention in low-income older adults; results from the PEP4PA cluster randomized controlled trial. *Int J Behav Nutr Phys Act*. 2022;19(1):75. PMC9235144.
7. *Greenwood-Hickman MA, Zhou J, Cook A, Mettert KD, Green B, McClure J, Arterburn D, Florez-Acevedo S, **Rosenberg DE**. Exploring Differences in Older Adult Accelerometer-Measured Sedentary Behavior and Resting Blood Pressure Before and During the COVID-19 Pandemic. *Gerontol Geriatr Med*. 2022;8:23337214221096007. PMC9051995.

8. Trinh L, Alibhai SMH, Culos-Reed N, Sabiston CM, Jones JM, **Rosenberg DE**, Whitehorn A, Bastas D, Faulkner GE. Associations of Light Physical Activity, Moderate-to-Vigorous Physical Activity and Sedentary Behavior with Quality of Life in Men on Androgen Deprivation Therapy for Prostate Cancer: A Quantile Regression Analysis. *J Behav Med.* 2022 Aug;45(4):533-543. PMID: 35061159.
9. Wingood M, Bonnell L, LaCroix AZ, **Rosenberg DE**, Walker R, Bellettiere J, Greenwood-Hickman MA, Wing D, Gell N. Community-Dwelling Older Adults and Physical Activity Recommendations: Patterns of Aerobic, Strengthening, and Balance Activities. *J Aging Phys Act.* 2021 Oct 15;30(4):653-665. PMC9010480.
10. **Rosenberg DE**, Greenwood-Hickman MA, Zhou J, Cook AJ, Mettert KD, Cooper J, Arterburn D, Green BB, Walsh-Bailey C, Kerr J, Owen N, Dunstan D, McClure JB. Protocol for a randomized controlled trial of sitting reduction to improve cardiometabolic health in older adults. *Contemp Clin Trials.* 2021 Dec;111:106593. PMC8769523.
11. Buszkiewicz JH, Bobb JF, Kapos F, Hurvitz PM, Arterburn D, Moudon AV, Cook A, Mooney SJ, Cruz M, Gupta S, Lozano P, **Rosenberg DE**, Theis MK, Anau J, Drewnowski A. Differential associations of the built environment on weight gain by sex and race/ethnicity but not age. *Int J Obes (Lond).* 2021 Dec;45(12):2648-2656. PMC8608695.
12. *Greenwood-Hickman MA, Walker R, LaCroix AZ, Kim B, Wing D, Richmire K, Crane PK, Larson E, **Rosenberg DE**. Associations between Perceived Neighborhood Walkability and Device-Based Physical Activity and Sedentary Behavior Patterns in Older Adults. *J Aging Phys Act.* 2022; 30: 98-106.
13. Greenwood-Hickman MA, Nakandala S, Jankowska M, **Rosenberg DE**, Tuz-Zahra F, Bellettiere J, Hibbing PR, Zou J, LaCroix AZ, Kumar A, Natarajan L. The CNN Hip Accelerometer Posture (CHAP) method for classifying sitting patterns from hip accelerometers: a validation study. *Med Sci Sports Exerc.* 2021; 53(11): 2445-2454.
14. Buszkiewicz JH, Bobb JF, Hurvitz PM, Arterburn D, Vernez Moudon A, Cook A, Mooney SJ, Cruz M, Gupta S, Lozano P, **Rosenberg DE**, Theis MK, Anau J, Drewnowski A. Does the built environment have independent obesogenic power? Urban form and trajectories of weight gain. *Int J Obes.* 2021; 45(9): 1914-1924.
15. *Walker RL, Greenwood Hickman MA, Bellettiere J, LaCroix AZ, Wing D, Higgins M, Richmire K, Larson EB, Crane PK, **Rosenberg DE**. Associations between physical function and device-based measures of physical activity and sedentary behavior patterns in older adults: moving beyond moderate-to-vigorous intensity physical activity. *BMC Geriatrics.* 2021; 21(1): 216.
16. Chastin S, Gardiner PA, Harvey JA, Leask CF, Jerez-Roig J, **Rosenberg DE**, Ashe MC, Helbostad JL, Skelton DA. Interventions for reducing sedentary behaviour in community-dwelling older adults. *Cochrane Database of Systematic Reviews.* 25 June 2021.
17. *Greenwood-Hickman MA, Dahlquist J, Cooper JB, Holden E, McClure JB, Mettert KD, Perry S, & **Rosenberg DE**. "They're going to Zoom it": A Qualitative Investigation of Impacts and Coping Strategies During the COVID-19 Pandemic among Older Adults. *Front Public Health.* 2021; May 19;9:679976.
18. Carlson JA, Tuz-Zahra F, Bellettiere J, Ridgers ND, Steel CL, Bejarano CM, LaCroix A, **Rosenberg DE**, Greenwood-Hickman MA, & Natarajan L. Validity of two awake wear time classification algorithms for activPAL in youth, adults, and older adults. *J Measurement Phys Behav.* 2021; 4(2): 151-162.
19. Nakandala S, Jankowska MM, Tuz-Zahra F, Bellettiere J, Carlson J, LaCroix AZ, Hartman SJ, **Rosenberg DE**, Zou J, Kumar A, Natarajan L. Application of convolutional neural network algorithms for advancing sedentary and activity bout classification. *J Measurement Phys Behav.* 2021; 4(2): 102-110.
20. *Bellettiere J, Tuz-Zahra F, Carlson J, Ridgers ND, Liles S, Greenwood-Hickman MA, Walker RL, LaCroix AZ, Jankowska MM, and **Rosenberg DE** & Natarajan L (2020).

Agreement of sedentary behaviour metrics derived from hip-worn and thigh-worn accelerometers among older adults: with implications for studying physical and cognitive health. *J Measurement Phys Behav.* 2021;4(1): 79-88. [note: co-senior author]

21. **Rosenberg DE**, Rillamas-Sun E, Bellettiere J, LaMonte M, Buchner DM, Di C, Hunt J, Marshall S, Stefanick M, Zhang Y, LaCroix AZ. Accelerometer-measured sedentary patterns are associated with incident falls in older women. *J Am Geriatr Soc.* 2021; 69: 718-725.
22. *Hartman SJ, Dillon LW, La Croix AZ, Natarajan L, Sears DD, Owen N, Dunstan DD, Sallis JF, Schenk S, Allison M, Takemoto M, Herweck AM, Nguyen B, **Rosenberg DE**. Interrupting sitting time in postmenopausal women: protocol for the Rise for Health randomized controlled trial. *JMIR Res Protoc* 2021; 10(5): e28684.
23. Klasnja P, **Rosenberg D**, Zhou J, Anau J, Gupta A, & Arterburn DA. A quality-improvement optimization pilot of BariFit, a mobile health intervention to promote physical activity after bariatric surgery. *Transl Behav Med.* 2021;11(2): 530-539.
24. Nguyen NH, Vallance JK, Buman MP, Moore MM, **Rosenberg DE**, Boyle T, Milton S, Friedenreich CM, English DR, Lynch BM. Effects of a wearable technology-based physical activity intervention on sleep quality in breast cancer survivors: the ACTIVATE Trial. *J Cancer Surv.* 2020; 15: 273-280.
25. **Rosenberg DE**, Walker R, Greenwood-Hickman MA, Bellettiere J, Xiang Y, Richmire K, Higgins M, Wing D, Larson EB, Crane PK, LaCroix AZ. Device-assessed physical activity and sedentary behavior in a community-dwelling cohort of older adults. *BMC Public Health.* 2020; 20(1256): 1-13.
26. Marcum ZA, **Rosenberg D**, Barnes DE, Yaffe K, Larson EB. Engaging Patients to Design the Systematic Multi-Domain Alzheimer's Risk Reduction Trial (SMARRT) Intervention: Findings from a Web-Based Survey. *J Alzheimer Dis Rep.* 2020; 4: 255-260.
27. **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.* 2020;4:1-11.
28. Mooney SJ, Bobb JF, Hurvitz PM, Anau J, Theis MK, Drewnowski A, Aggarwal A, Gupta S, **Rosenberg DE**, Cook AJ, Shi X, Lozano P, Moudon AV, Arterburn D. Impact of built environments on body weight (the Moving to Health Study): Protocol for a retrospective longitudinal observational study. *JMIR Res Protoc.* 2020; 19: e16787.
29. Gray SL, Marcum ZA, Dublin S, Walker RL, Golchin N, **Rosenberg DE**, Bowles EJ, Crane PK, Larson EB. Medications acting on the central nervous system and fall-related injuries in community-dwelling older adults: a new user cohort study. *J Gerontol Med Sci.* 2020; 75: 1003-1009.
30. 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.* 2020;10:186-194.
31. Vallance JK, Nguyen NH, Moore MM, Reeves MM, **Rosenberg DE**, Boyle T, Milton S, Friedenreich CM, English DR, Lynch BM. Effects of the ACTIVITY and TEchnology (ACTIVATE) intervention on health-related quality of life and fatigue outcomes in breast cancer survivors. *Psychooncology.* 2020;29(1): 204-211.
32. *Zlata ZZ, Godbole S, Takemoto M, Crist K, Castro Sweet C, Kerr J, **Rosenberg D**. Changes in moderate intensity physical activity are associated with better cognition in the Multilevel Intervention for Physical Activity in Retirement Communities (MIPARC) study. *Am J Geriatr Psychiatr.* 2019;27:1110-1121.
33. Aiello Bowles EJ, Crane PK, Walker RL, Chubak J, LaCroix AZ, Anderson ML, **Rosenberg D**, Keen CD, Larson EB. Cognitive resilience to Alzheimer's Disease pathology in the human brain. *J Alzheimer's Dis.* 2019;68: 1071-1083.

34. Drewnowski 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 Popul Health*. 2019; eCollection April.
35. LaCroix AZ, Bellettiere J, Rillamas-Sun E, Di C, Evenson KR, Lewis CE, Buchner DM, Stefanick ML, Lee IM, **Rosenberg DE**, LaMonte MJ. Association of light physical activity measured by accelerometry and incidence of coronary heart disease and cardiovascular disease in older women. *JAMA Netw Open*. 2019 Mar 1; 2(3): e190419.
36. *Matson T, Anderson M, Greenwood-Hickman MA, Renz A, McClure J, **Rosenberg DE**. Changes in self-reported health and psychological outcome in older adults enrolled in a sedentary behavior intervention study. *Am J Health Promo*. 2019;33:1053-1057.
37. Lynch BM, Nguyen NH, Moore MM, Reeves MM, **Rosenberg DE**, Boyle T, Milton S, Friedenreich CM, Vallance JK, English DR. Maintenance of physical activity and sedentary behavior change, and physical activity and sedentary behavior change after an abridged intervention: secondary outcomes from the ACTIVATE Trial. *Cancer*. 2019; 125: 2856-2860.
38. Lynch BM, Nguyen NH, Moore MM, Reeves MM, **Rosenberg DE**, Boyle T, Milton S, Friedenreich CM, Vallance JK, English DR. A randomized controlled trial of a wearable technology-based intervention for increasing moderate-vigorous physical activity and reducing sedentary behavior in breast cancer survivors: the ACTIVATE Trial. *Cancer*. 2019;125: 2846-2855.
39. Takemoto M, Schechtman M, Villa N, Talavera G, Sears DD, Natarajan N, Owen N, **Rosenberg DE**, Dunstan D, Allison M, Kerr J. Arriba por la vida Estudio (AVE): Study protocol for a standing intervention targeting postmenopausal Latinas. *Contemp Clin Trials*. 2019; 79: 66-72.
40. 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*. 2019. 70(S1): S207-S220.
41. 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*. 2019; 139(8): 1036-1046.
42. 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*. 2019; 67: 726-733.
43. *Matson T, Renz A, Takemoto ML, McClure JB, **Rosenberg DE**. Acceptability of a sitting reduction intervention for older adults with obesity. *BMC Public Health*. 2018;18: 706. doi: 10.1186/s12889-018-5616-1.
44. Takemoto M, Manini T, **Rosenberg DE**, Lazar A, Zlata Z, Das SK, Kerr J. Diet and activity assessment and interventions using technology in older adults. *Am J Prev Med*. 2018; 55:e105-e115.
45. **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.
46. 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.
47. Takemoto M, Lewars B, Hurst S, Crist 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.

48. 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.
49. 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.
50. **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).
51. 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.
52. 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.
53. 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.
54. *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.
55. 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.
56. 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..
57. 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.
58. **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.
59. **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.
60. 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.
61. 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.
62. 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.

63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. **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.
69. 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.
70. **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.
71. **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.
72. 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.
73. 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.
74. *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.
75. 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.
76. 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.
77. 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.
78. **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.
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Additional Presentations of Research Findings at Professional Meetings:

1. **Rosenberg DE**, Vittinghoff E, Peltz C, Barnes DE, Dublin S, Balderson B, Fleckenstein L, Yaffe K. (2023). The effect of a 2-year dementia risk reduction intervention on accelerometer-measured physical activity. Symposium will be presented at the annual International Society for Behavioral Nutrition and Physical Activity scientific meeting. Uppsala, Sweden.

2. Greenwood-Hickman MA, Dahlquist J, Cooper JB, Holden E, McClure JB, Metter KD, Perry S, **Rosenberg DE**. (2021). "They're going to Zoom it": A qualitative evaluation of Seattle-area older adults' social connection strategies during COVID-19. Roundtable presentation at the 2021 American Public Health Association 2021 Annual Meeting and Expo. October 26, 2021; virtual.
3. **Rosenberg D**, Gardiner P, Greenwood-Hickman MA. (October, 2021). Physical activity and sedentary behavior in cognitive and functional aging: the Adult Changes in Thought cohort. Symposium presented at the International Society for Physical Activity and Health. Vancouver, BC.
4. **Rosenberg D**, Greenwood-Hickman MA, Zhou J, Cooper J, Arterburn D, Cook A. (November, 2021). Device-measured Sedentary Patterns and Physical Activity Before and During the COVID-19 Pandemic. Gerontological Society of America annual meeting (Phoenix, AZ) [virtual presentation].
5. Trinh L, Alibhai SMH., Culos-Reed N, Sabiston CM, Jones JM, **Rosenberg DE**, & Faulkner G. (June, 2020). Associations of Light Physical Activity, Moderate-to-Vigorous Physical Activity and Sedentary Behaviour with Quality of Life in Men on Androgen Deprivation Therapy (ADT) for Prostate Cancer: A Quantile Regression Analysis. Will be presented as a poster presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Auckland, New Zealand.
6. **Rosenberg DE**. (June, 2019). Protocol of a randomized controlled trial to reduce long-term sitting in older adults. Symposium presented at the International Society for Behavioral Nutrition and Physical Activity annual meeting, Prague, Czech Republic.
7. **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.
8. **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.
9. **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.
10. **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.
11. 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.
12. **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.
13. **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.
14. Bellettiere J, Singhania 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.

15. 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.
16. 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.
17. *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.
18. *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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. **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.
25. **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.
26. **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.
27. **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.
28. *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.

29. **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.
30. 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.
31. 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.
32. 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.
33. **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.
34. **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.
35. **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.
36. **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.
37. 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.
38. 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.
39. 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.
40. **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.
41. 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.
42. **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.

43. **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.
44. 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.
45. 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.
46. **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.
47. **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.
48. 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
49. 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 Presenter, "Mobile tools in Sedentary Behavior and Physical Activity Research." American College of Sports Medicine Northwest Chapter November, 2019.
2. Invited panelist, "Mid-Career Transitions." Society of Behavioral Medicine webinar November, 2018.
3. Moderator, "Current Approaches to Physical Activity Promotion." Society of Behavioral Medicine webinar, December 2018.
4. 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 Physical Activity
 Health Education and Behavior
 Canadian Journal on Aging
 Annals of Behavioral Medicine
 International Journal of Health Geographics

International Journal of Obesity
 Journal of Children and Media
 Pediatric Exercise Science
 Journal of Adolescent Health
 Sports Medicine
 Preventive Medicine
 Journal of Applied Gerontology
 Behavioral Medicine
 Women & Health
 Contemporary Clinical Trials
 BMC Public Health
 Stroke Research and Treatment

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

Annals of Epidemiology
The Gerontologist
Journal of Pain
Games for Health Journal
Maturitas
Social Science & Medicine
Plos One
JMIR mHealth and uHealth

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.

Academic and Invited Talks, Podcasts, and Other Social Media

“ACT activity monitor sub-study: characterizing sedentary behavior, physical activity, and sleep in the ACT cohort.” (August, 2021). Adult Changes in Thought (ACT) annual scientific symposium.

“Accelerometer measured sedentary patterns are associated with incident falls in older women.” (March, 2021). Women’s Health Initiative Bone Health Special Interest Group.

“The built environment and healthy aging.” (November, 2020). University of British Columbia PLAN579/SPPH571.

“Update on the Healthy Aging Resources to Thrive Trial.” (September, 2020). UC San Diego Sedentary Behavior Science Meeting.

“Update on the ACT Activity-Monitoring Sub-Study.” (August, 2020). Annual Adult Changes in Thought Symposium.

Amplify Women in Research with Dr. Shilpa Dogra. (June, 2020). Link:
<https://www.youtube.com/watch?v=ZEZHxifZAg>.

“Sedentary behavior and older adult health.” (June, 2020). University of Washington Health Promotion Research Center.

Invited guest, Physical Activity Researcher podcast with Olli Tikkanen. (May, 2020). Link:
<https://paresearcher.podbean.com/e/rosenberg>

“My career journey.” (October, 2019). University of Washington HSERV592 (Meet the Faculty) guest speaker.

“Sedentary behavior: a marker for older adult health?” (April, 2019). University of Washington Ambulatory Care Conference, Lynnwood, WA.

“Mobile health tools in the context of sedentary behavior and physical activity interventions for older adults and populations with chronic conditions.” (November, 2018). 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 2nd 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.

Mentoring, Research Advising and Supervising

Nicole Gatto, PhD—Collaborative Scientist, mentoring committee member, KPWHRI, 2022-

Lily Shapiro, PhD—Post-doctoral fellow, mentoring committee member, KPWHRI, 2021-

Mikael Anne Greenwood-Hickman—Collaborative Scientist, 2021-

Emily Erlenbach—PhD student in Kinesiology and Community Health, dissertation committee, University of Illinois, Urbana-Champaign, 2021-

Stefani Florez-Acevedo—PhD student in health services, University of Washington, 2021-

Renee Asence—MPH student in health services, thesis committee, University of Washington, 2021-2022

Mikael Anne Greenwood-Hickman—Project Manager serving as a Research Associate on my projects, 2018-2021

Laura Harrington—Assistant Investigator, 2019-

Kayne Mettert—Research Specialist, 2019-2021

Savitha Sangameswaran—PhD student in Biomedical informatics and Medical Education, dissertation committee, University of Washington, 2020-

Jacqueline Dahlquist—MPH student in public health genetics, practicum advisor, 2020-2021

Boeun Kim, RN, MSN—PhD student in nursing, dissertation committee, University of Washington, 2018-2021

Emily Hammond—MPH student in health services, University of Washington thesis committee, 2018-2019

Sarita Hammedy—MPH student in health services, thesis committee and practicum advisor, University of Washington, 2018-2019

Yunhua Xiang, MS—PhD student in biostatistics, University of Washington, 2017-2018

Michelle Black, PhD—Postdoctoral Fellow and former PhD student, UC San Diego, 2016-2019

Tessa Matson – MPH in Health Services student, practicum advisor, 2016-2018

Elyse Kadokura – MPH in Epidemiology student, practicum and research advisor, 2015-2016

Jamie Clayton – 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 – MPH in Health Services student, MPH advisor, 2013-2015

Salene Jones, PhD – Postdoctoral Fellow, Group Health Research Institute, 2013-2015

Shomir Chaudhuri – Doctoral Student, Department of Biomedical Informatics and Medical Education, University of Washington School of Medicine, dissertation committee member, 2013-2015

Mikael-Anne Greenwood – 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 – 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 – Public Health undergraduate; research internship supervisor; 2011
Abi Ambessa—Public Health undergraduate; research internship supervisor; 2011
Shannon Petz, 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

Ongoing Funded Research Support

Grant #: R61 AG077969 (Rosenberg/Zlatar)

Dates: 09/30/22-8/31/23

Agency: National Institute on Aging

Title: De Pié y a Movernos Study: Promoting physical activity in older Latinx adults

Goals: To develop a culturally adapted sedentary behavior reduction and physical activity intervention for older Latinx adults in San Diego, CA.

Role: Multiple Principal Investigator

Grant #: U19 AG066567 (Larson/LaCroix/Crane)

Dates: 5/1/2021-4/30/2026

Agency: National Institute on Aging

Title: Project 1: Physical activity, sedentary behavior, and sleep in the ACT cohort: the 24-hour activity cycle

Goals: To describe patterns of 24-hour activity cycle behaviors in the ACT cohort and relate them to historical and future changes in cognitive and physical function.

Role: Project Lead

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 #: R01 DK114945-01A1 (Natarajan)

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

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 #: 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: 9/15/2017-11/30/2021

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

Past Funded Projects

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 #: K23HL119352 (Rosenberg)

Dates: 9/1/2014-7/31/2019

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 #: 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 #: 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 #: 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

Grant #: internal (no number; Wernli/Rosenberg)

Dates: 1/1/18-12/31/18

Agency: KPWHRI Development Fund

Title: Project Connect: Promoting peer support among young adults with complex chronic conditions

Goal: To conduct a survey and interviews with younger adult patients and their caregivers to capture experiences and needs for peer support in coping with their condition(s).

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