

## CURRICULUM VITAE

**Shira Ilana Dunsiger**

### PERSONAL INFORMATION

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### EDUCATION

2001 BSc, Mathematics and Statistics  
McMaster University  
2007 AM, Biostatistics  
Brown University  
2009 PhD, Biostatistics  
Brown University  
2009-2010 Postdoctoral Research Fellow, T32 Cardiovascular Behavioral Medicine  
Brown University and The Miriam Hospital

### ACADEMIC APPOINTMENTS

2010-2019 Research Scientist, Center for Behavioral and Preventive Medicine, The Miriam Hospital  
2011-2012 Investigator, Department of Behavioral and Social Sciences, Brown University  
2012-2020 Assistant Professor (Research), Department of Behavioral and Social Sciences, Brown University  
2017-present Adjunct Faculty, COCE, Southern New Hampshire University  
2017-present Adjunct Faculty, Math Department, Roger Williams University  
2018-present Affiliated Faculty, Brown Emergency Digital Health Innovation (EDHI) Program, Brown University  
2020-present Associate Professor(Research), Department of Behavioral and Social Sciences, Brown University  
2020-present Associate Professor(Research), Department of Psychiatry and Human Behavior, Brown University  
2022-present Associate Professor(Research), Department of Biostatistics, Brown University

### MEMBERSHIP IN SOCIETIES

2007-present Golden Key International Honor Society, Member  
2007-present International Math Society, Member  
2009-present Society of Behavioral Medicine, Member  
2023-Present Fellow for the Academy of Behavioral Medicine Research (ABMR)

## DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

2011-2015 Program in Nicotine and Tobacco, Centers for Behavioral and Preventive Medicine, Member  
2019-Present Center for Health Promotion and Health Equity, Brown University, SPH  
2020-Present Center for Digital Health, Brown University, Leadership Board Member  
2023-Present Affiliated Faculty, Center for Behavioral and Preventive Medicine, The Miriam Hospital

## NATIONAL OR INTERNATIONAL SERVICE

### Editorial Responsibilities

2012-2016 Editorial Board Member, *Health Psychology*  
2016-2020 Editorial Board Member, *Annals of Behavioral Medicine*  
2022-present Section Editor, *Stress and Health*

### Journal Manuscript Reviewer

*Health Psychology, Research Quarterly For Exercise and Sport, Health Services and Outcomes Research Methodology, Pediatrics, New England Journal of Medicine, BMC Public Health, Stress and Health*

## PUBLICATIONS IN PEER-REVIEWED JOURNALS (\* denotes student/trainee)

1. Marcus, B.H., Lewis, B.A., Williams, D.M., **Dunsiger, S.**, Jakicic, J.M., Whiteley, J.A., Albrecht, A.E., Napolitano, M.A., Bock, B.C., Tate, D.F., Sciamanna, C.N., & Parisi, A.F. (2007). A comparison of Internet and print-based physical activity interventions. *Archives of Internal Medicine*, 167(9), 944-949. No PMC <http://archinte.ama-assn.org/cgi/reprint/167/9/944>.
2. Williams, D.M., Lewis, B.A., **Dunsiger, S.**, King, T.K., Jennings, E. & Marcus, B.H.(2008). Increasing fitness is associated with fewer depressive symptoms during successful smoking abstinence among women. *International Journal of Fitness*, 4(1), 39-44. PMID:PMC2805100
3. Williams, D.M., Lewis, B.A., **Dunsiger, S.**, Whiteley, J.A., Papandonatos, G.D., Napolitano, M.A., Bock, B.C., Ciccolo, J.T., & Marcus, B.H. (2008). Comparing psychosocial predictors of physical activity adoption and maintenance. *Annals of Behavioral Medicine*, 36(2), 186-194. PMID:PMC2721457

4. Lewis, B.A., Williams, D.M., **Dunsiger, S.**, Sciamanna, C., Whiteley, J.A., Napolitano, M.A., Bock, B.C., Jakicic, J.M., Getz, M., & Marcus, B.H. (2008). User attitudes towards physical activity websites in a randomized control trial. *Preventive Medicine, 47*(5), 508-513. PMID:PMC2614822
5. Williams, D.M., **Dunsiger, S.**, Ciccolo, J.T., Lewis, B.A., Albrecht, A.E., & Marcus, B.H. (2008). Acute affective response to moderate-intensity exercise stimulus predicts physical activity participation 6 and 12 months later. *Psychology of Sport and Exercise, 9*(3), 231-245. PMID: PMC2390920
6. Frierson, G.M., Williams, D.M., **Dunsiger, S.**, Lewis, B.A., Whiteley, J.A., Albrecht, A.E., Jakicic, J.M., Horowitz, S.M., & Marcus, B.H. (2008). Recruitment of a racially and ethnically diverse sample into a physical activity efficacy trial. *Clinical Trials, 5*(5), 504-516. PMID:PMC2709781
7. Rabin, C., Pinto, B., **Dunsiger, S.**, Nash, J. & Trask, P. (2009). Exercise and relaxation intervention for breast cancer survivors: Feasibility, acceptability and effects. *Psycho-Oncology, 18*(3), 258-266. No PMC
8. Pinto, B., Rabin, C. & **Dunsiger, S.** (2009). Home-based exercise among cancer survivors: Adherence and its predictors. *Psycho-Oncology, 18*(4), 369-376. PMID: PMC2958525.
9. Pekmezi, D.W., Neighbors, C.J., Lee, C.S., Gans, K.M., Bock, B.C., Morrow, K.M., Marquez, B., **Dunsiger, S.**, & Marcus, B.H. (2009). A culturally adapted physical activity intervention for Latinas: A randomized controlled trial. *American Journal of Preventive Medicine, 37*(6), 495-500. PMID:PMC2814545
10. Ries, A.V\*, **Dunsiger, S.**, & Marcus, B.H. (2009). Physical activity interventions and changes in perceived home and facility environments. *Preventive Medicine, 49*(6), 515-517. PMID:PMC2805038
11. Williams, D.M., Whiteley, J. A., **Dunsiger, S.**, Jennings, E.G., Albrecht, A.E., Ussher, M.H., Ciccolo, J.T., Parisi, A.F., & Marcus, B.H. (2010). Moderate intensity exercise as an adjunct to standard smoking cessation treatment for women: A pilot study. *Psychology of Addictive Behaviors, 24*(2), 349-54. No PMC
12. Hayes, R. B\*, Borrelli, B., & **Dunsiger, S.** (2010). The influence of quality of life and depressed mood on smoking cessation among medically ill smokers. *Journal of Behavioral Medicine, 33*(3), 209-218. No PMC

13. Pekmezi, D.W., Williams, D.M., **Dunsiger, S.**, Jennings, E.G., Lewis, B.A., Jakicic, J.M., & Marcus, B.H. (2010). Feasibility of using computer-tailored and internet-based interventions to promote physical activity in underserved populations. *Telemedicine and e-Health*, *16*(4), 498-503. PMID:PMC2998032
14. Borrelli, B., Hayes, R.B\*, **Dunsiger, S.**, & Fava, J.L. (2010). Risk perception and smoking behavior in medically ill smokers: A prospective study. *Addiction*, *105*(6):1100-8. PMID: PMC2908209
15. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Walk score as a global estimate of neighborhood walkability. *American Journal of Preventive Medicine*, *39*(5), 460-3. No PMC
16. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2011). Validation of walk score for estimating access to walkable amenities. *British Journal of Sports Medicine*, *45*(14), 1144-8. No PMC
17. Williams, D.M., Papandonatas, G.D., Jennings, E.G., Napolitano, M.A., Lewis, B.A., Whiteley, J.A., Bock, B.C., Albrecht, A.E., **Dunsiger, S.**, Parisi, A.F., King, A.C., & Marcus, B.H. (2011). Does tailoring on additional theoretical constructs enhance the efficacy of a print-based physical activity promotion intervention? *Health Psychology*, Jul;*30*(4), 432-41. No PMC
18. Ciccolo, J.T., **Dunsiger, S.I.**, Williams, D.M., Jennings, E.G., Bartholomew, J.B., Ussher, M.H., Kraemer, W.J., & Marcus, B.H. (2011). Resistance training as an aid to standard smoking cessation treatment: A pilot study. *Nicotine and Tobacco Research*. Aug;*13*(8), 756-60 PMID: PMC3150692
19. Gupta, A\*, Tsiaras, S.V., **Dunsiger, S.I.**, & Tilkemeier, P.L. (2011). Gender disparity and the appropriateness of myocardial perfusion imaging. *Journal of Nuclear Cardiology*, *18*(4),588-94. No PMC
20. Williams, D.M., **Dunsiger, S.**, Ussher, M.H., Whiteley, J.A., Jennings, E.G., & Ciccolo, J.T. (2011). Acute effects of moderate intensity exercise on core affect and cigarette cravings. *Addictive Behaviors*, *36*(8), 894-7. No PMC
21. Hartman, S.J., **Dunsiger, S.I.** & Jacobsen, P.B. (2011). The relationship of psychosocial factors to mammograms, physical activity, and fruit and vegetable consumption among sisters of breast cancer patients. *International Journal of Women's Health*, *3*, 257-63. PMID: PMC3163655

22. Hartman, S.J., **Dunsiger, S.I.**, Pekmezi, D.W., Barbera, B, Neighbors, C.J., Marquez, B, & Marcus, B.H. (2011). Impact of baseline BMI upon the success of Latina participants enrolled in a 6-month physical activity intervention. *Journal of Obesity*, 2011;2011:921916. Epub 2011 Nov 24.
23. Rabin, C., **Dunsiger, S.**, Ness, K., & Marcus, B.H. (2011). Internet-based physical activity intervention targeting young adult cancer survivors. *Journal of Adolescent and Young Adult Oncology*. 1(4), 188-194. PMID: 23610737.
24. Papandonatos, G.D., Williams, D.M., Jennings, E.G., Napolitano, M.A., Bock, B.C., **Dunsiger, S.I.** & Marcus B.H. (2012). Mediators of physical activity behavior change: Findings from a 12-month randomized controlled trial. *Health Psychology*, 31(4), 512-20.
25. Williams, D.M., **Dunsiger, S.**, Jennings, E.G., & Marcus, B.H. (2012). Does core affective valence during and immediately following a ten-minute walk predict concurrent and future physical activity? *Annals of Behavioral Medicine*, Aug;44(1), 43-51.
26. Whiteley, J.A., Williams, D.M., **Dunsiger, S.**, Jennings, E.G., Ciccolo, J.T., Bock, B.C., Albrecht, A., Parisi A., Linke, S.E., & Marcus, B.H.. (2012). Outcomes from the randomized trial of commit to quit in the YMCAs. *American Journal of Preventive Medicine*, Sep;43(3), 256-62.
27. Pekmezi, D., **Dunsiger, S.**, Gans, K., Bock, B., Gaskins, R., Marquez, B., Lee, C., Neighbors, C., Jennings, E., Tilkemeier, P., & Marcus, B. (2012). Rationale, design, and baseline findings from Seamos Saludables: A randomized controlled trial testing the efficacy of a culturally and linguistically adapted, computer- tailored physical activity intervention for Latinas. *Contemporary Clinical Trials*. Nov;33(6), 1261-71.
28. Carr, L.J., & **Dunsiger, S.I.** (2012). Search query data to monitor interest in behavior change: Application for public health. *PLoS One*, 7(10), e48158. <https://doi.org/10.1371/journal.pone.0048158>
29. Hartman, S.J., **Dunsiger, S.I.** & Marcus, B.H. (2013). A pilot study of a physical activity intervention targeted towards women at increased risk for breast cancer. *Psycho-Oncology*, 22(2), 381-387.
30. Carr, L.J., **Dunsiger, S.I.**, Lewis, B., Ciccolo, J., Hartman, S., Bock, B., Dominick, G., & Marcus, B. Randomized controlled trial testing an Internet physical activity intervention for sedentary adults. (2013). *Health Psychology*. March; 32(3), 328-336.

31. Pekmezi, D., **Dunsiger, S.**, Gaskins, R., Barbera, B., Marquez, B., Neighbors, C., & Marcus, B. (2013). Feasibility and acceptability of using pedometers as an intervention tool for Latinas. *Journal of Physical Activity & Health*, *10*(3), 451-7.
32. Dominick, G.M., **Dunsiger, S.I.**, & Marcus, B.H. (2013). Association between health literacy and self-efficacy for physical activity among Latinas. *Journal of Immigrant and Minority Health*, Jun; *15*(3), 533-9.
33. Lewis, B.A., Williams, D.M., Martinson, B.C., **Dunsiger, S.I.**, & Marcus, B.H. (2013). Healthy for life: A randomized trial examining physical activity outcomes and psychosocial mediators. *Annals of Behavioral Medicine*, *45*(2), 203—212. PMID: 23229158
34. DePue, J.D., **Dunsiger, S.I.**, Seiden, A., Blume, J., Rosen, R.K., Goldstein, M., Nu'solia, O., Tuitele, J., & McGarvey, S.T. (2013). Nurse-community health worker team improves diabetes care in America Samoa: Results of a randomized controlled trial. *Diabetes Care*, Jul; *36*(7), 1947-53.
35. Whiteley, JA, Williams, DM, Jennings, EG, Ciccolo, JT, Bock, BC, **Dunsiger, S.**, & Marcus, BH. (2013). The challenges of translating an efficacious smoking cessation program, Commit to Quit, to the community setting of YMCAs. *Translational Behavioral Medicine: Practice, Policy and Research*, Mar; *3*(1), 47-58.
36. Pinto, B.M., **Dunsiger, S.I.**, Farrell, N., Marcus B.H., Todaro, J.F. (2013). Psychosocial outcomes of an exercise maintenance intervention after phase II cardiac rehabilitation. *Journal of Cardiopulmonary Rehabilitation Prevention*, *33*(2), 91-98.
37. Marcus, B.H., **Dunsiger, S.I.**, Pekmezi, D.W., Larsen, B.A., Bock, B.C., Gans, K.M., Marquez, B., Morrow, K.M., Tilkemeier, P. (2013). The Seamos Saludables Study: A randomized controlled physical activity trial of Latinas. *American Journal of Preventive Medicine*. 2013 Nov; *45*(5):598-605
38. Zhou ES\*, **Dunsiger SI**, Pinto BM (2013). Proactive versus reactive recruitment to a physical activity intervention for breast cancer survivors: Does it matter? *Clinical Trials*, *10*(4), 587-92.
39. Pinto, B.M., **Dunsiger, S.**, Waldemore, M\*. (2013). Physical activity and psychosocial benefits among breast cancer patients. *Psycho-Oncology*, *22*(10), 2193-9 doi: 10.1002/pon.3272. Epub 2013 Mar 15. PubMed PMID: 23494869.

40. Hamid, S\*, **Dunsiger, S.**, Seiden, A., Nu'usolia, O., Tuitele, J., DePue, S.D., & McGarvey, S.T. (2014). Impact of a diabetes control and management intervention on health care utilization in American Samoa. *Chronic Illness, 10*(2), 122–134.
41. Bock, B.C., Rosen, R., Fava, J., Gaskins, R., Jennings, E.G., Thind, H\*, Carmody, J., **Dunsiger, S.**, Gidron, N., Becker, B., & Marcus, B.H. (2014). Testing the efficacy of yoga as a complementary therapy for smoking cessation: Design and methods of the BreathEasy trial. *Contemporary Clinical Trials, 38*(2), 321-332.
42. Ciccolo, J.T., Williams, D.M., **Dunsiger, S.I.**, Whitworth, J.W., McCullough, A.K., Bock, B.C., Marcus, B.H., & Myerson, M. (2014). Efficacy of resistance training as an aid to smoking cessation: Rationale and design of the Strength To Quit study. *Mental Health and Physical Activity, 7*(2), 95—103.
43. Morrow, K.M., Fava, J.L., Rosen, R.K., Vargas, S., Shaw, J.G., Kojic, E.M., Kiser, P.F., Friend, D.R., Katz, D.F.; **Project Link Study Team.** (2014). Designing preclinical perceptibility measures to evaluate topical vaginal gel formulations: Relating user sensory perceptions and experiences to formulation properties. *AIDS Research and Human Retroviruses, 30*(1), 78-91.
44. Williams, D. M., Ussher, M., **Dunsiger, S.**, Miranda, R., Jr, Gwaltney, C. J., Monti, P. M., & Emerson, J. (2014). Overcoming limitations in previous research on exercise as a smoking cessation treatment: rationale and design of the "Quit for Health" trial. *Contemporary clinical trials, 37*(1), 33–42. <https://doi.org/10.1016/j.cct.2013.11.005>. Epub 2013 Nov 16. PubMed PMID: 24246818; PubMed Central PMCID: PMC4075030.
45. Gongvatana, A., Correia, S., **Dunsiger, S.**, Gauthier, L., Devlin, K.N., Ross, S., Navia, B., Tashima, K.T., DeLaMonte, S., Cohen, R.A. (2014) Plasma cytokine levels are related to brain volumes in HIV-infected individuals. *Journal of Neuroimmune Pharmacology, 9*(5), 740-50. doi: 10.1007/s11481-014-9567-8. Epub 2014 Oct 2. PubMed PMID: 25273619; PubMed Central PMCID: PMC4420709.
46. Borrelli, B., Busch, A., **Dunsiger, S.**(2014). Cigarette smoking among adults with mobility impairments: A US population-based survey. *American Journal of Public Health, 104*(10), 1943-9. doi: 10.2105/AJPH.2013.301772. Epub 2014 Apr 17. PubMed PMID: 25208005.
47. Wagener, T.L., Busch, A.M., **Dunsiger, S.I.**, Chiang, K.S., Borrelli, B. (2014). Changes in risk perception following a smoking cessation intervention: The role of acculturation in a sample of Latino caregivers. *Journal of Behavioral Medicine, 37*(5), 1000-8. doi: 10.1007/s10865-014-9554-9. Epub 2014 Feb 7. PubMed PMID: 24504775.

48. Marcus, B.H., Hartman, S.J., Pekmezi, D., **Dunsiger, S.I.**, Linke, S., Marquez, B., Gans, K.M., Bock, B.C., Larsen, B.A., Rojas, C. (2015). Using interactive Internet technology to promote physical activity in Latinas: Rationale, design, and baseline findings of Pasos Hacia La Salud. *Contemporary Clinical Trials*, S1551-7144(15). doi: 10.1016/j.cct.2015.08.004. [Epub ahead of print] PubMed PMID: 26255237.
49. Daiello, L.A., Gongvatana, A., **Dunsiger, S.**, Cohen, R.A., Ott B.R., Alzheimer's Disease Neuroimaging Initiative. (2015) Association of fish oil supplement use with preservation of brain volume and cognitive function. *Alzheimers and Dementia*, 11(2), 226-35. doi: 10.1016/j.jalz.2014.02.005. Epub 2014 Jun 18. PubMed PMID: 24954371.
50. Dominick, G.M., **Dunsiger, S.I.**, Pekmezi, D.W., Larsen, B., Marquez, B., Nodora, J., Gans, K.M., & Marcus, B.H. (2015) Moderating effects of health literacy on change in physical activity among Latinas in a Randomized Trial. *Journal of Racial Ethnic Health Disparities*, 2(3), 351-7. doi: 10.1007/s40615-014-0080-9. Epub 2015 Jan 15. PubMed PMID: 26863464.
51. Hartman, S.J., **Dunsiger, S.I.**, Marinac, C.R., Marcus, B.H., Rosen, R.K., Gans, K.M. (2015) Internet-based physical activity intervention for women with a family history of breast cancer. *Health Psychology*, 34, Suppl:1296-304. doi: 10.1037/hea0000307. PubMed PMID: 26651471; PubMed Central PMCID: PMC4681398.
52. Rao, M\*, DePue, J.D., **Dunsiger, S.**, Elsayed, M., Nu'usolia, O., McGarvey, ST. (2015). Long-term impact of a community health worker intervention on diabetes control in American Samoa. *Preventive Chronic Disease*, 12, E180. doi: 10.5888/pcd12.150160. PubMed PMID: 26491815; PubMed Central PMCID: PMC4617456.
53. Salmoirago-Blotcher, E., Wayne, P., Bock, B.C., **Dunsiger, S.**, Wu, W.C., Stabile, L., Yeh, G.(2015). Design and methods of the Gentle Cardiac Rehabilitation Study--A behavioral study of tai chi exercise for patients not attending cardiac rehabilitation. *Contemporary Clinical Trials*, 43, 243-51. doi: 10.1016/j.cct.2015.06.020. Epub 2015 Jun PubMed PMID: 26115880; PubMed Central PMCID: PMC4522348.
54. Pinto, B., Stein, K., **Dunsiger, S.** (2015) Peer mentorship to promote physical activity among cancer survivors: Effects on quality of life. *Psycho-Oncology*, 24(10), 1295-1302. doi: 10.1002/pon.3884. [Epub ahead of print] PubMed PMID: 26110777; PubMed Central PMCID: PMC4709224.
55. Nagueh, S.F., Farrell, M.B., Bremer, M.L., **Dunsiger, S.I.**, Gorman, B.L., Tilkemeier, P.L. (2015). Predictors of delayed accreditation of echocardiography laboratories: An analysis



- of the intersocietal accreditation commission database. *Journal of American Society of Echocardiography*, 28(9), 1062-9.e7. doi: 10.1016/j.echo.2015.05.003. Epub 2015 Jun 15. PubMed PMID: 26087758.
56. Bock, B.C., Thind, H., **Dunsiger, S.I.**, Serber, E.R., Ciccolo, J.T., Cobb, V., Palmer, K., Abernathy, S., & Marcus, B.H. (2015). Exercise videogames for physical activity and fitness: Design and rationale of the Wii Heart Fitness trial. *Contemporary Clinical Trials*, 42, 204-12. doi: 10.1016/j.cct.2015.04.007. Epub 2015 Apr 17. PubMed PMID: 25896114.
  57. Marcus, B.H., **Dunsiger, S.I.**, Pekmezi, D., Larsen, B.A., Marquez, B., Bock, B.C., Gans, K.M., Morrow, K.M., Tilkemeier, P. (2015). Twelve-month physical activity outcomes in Latinas in the Seamos Saludables trial. *American Journal of Preventive Medicine*, 48(2),179-82. doi: 10.1016/j.amepre.2014.08.032. Epub 2014 Nov 6. PubMed PMID: 25442225.
  58. Williams, D.M., **Dunsiger, S.**, Miranda, R. Jr., Gwaltney, C.J., Emerson, J.A., Monti, P.M., Parisi, A.F. (2015). Recommending self-paced exercise among overweight and obese adults: A randomized pilot study. *Annals of Behavioral Medicine*, 49(2), 280-5. doi:10.1007/s12160-014-9642-7. PubMed PMID: 25223963; PubMed Central PMCID: PMC4355095.
  59. Pinto, B.M., **Dunsiger, S.I.** (2015). Mediators of exercise maintenance after cardiac rehabilitation. *Journal of Cardiopulmonary Rehabilitation Prevention*, 35(1),13-20. doi: 10.1097/HCR.000000000000065. PubMed PMID: 24983707; PubMed Central PMCID: PMC4276523.
  60. Pinto, B.M., Stein, K., **Dunsiger, S.** (2015) Peers promoting physical activity among breast cancer survivors: A randomized controlled trial. *Health Psychology*, 34(5), 463-72. doi: 10.1037/hea0000120. Epub 2014 Aug 11. PubMed PMID: 25110844; PubMed Central PMCID: PMC4441331.
  61. Ciccolo, J.T., SantaBarbara, N.J.\*, **Dunsiger, S.I.**, Busch, A.M., Bartholomew, J.B (2015). Muscular strength is associated with self-esteem in college men but not women. *Journal of Health Psychology*, 21(12), 3072–3078. PMID:26169439.
  62. Marcus, B.H., Hartman, S.J., Larsen, B.A., Pekmezi, D., **Dunsiger, S.I.**, Linke, S., Marquez, B., Gans, K.M., Bock, B.C., Mendoza-Vasconez, A.S., Noble, M.L., Rojas, C. (2016). Pasos Hacia La Salud: A randomized controlled trial of an Internet-delivered physical activity intervention for Latinas. *International Journal of Behavioral Nutrition*

- and Physical Activity*, 13(1), 62. doi:10.1186/s12966-016-0385-7. PubMed PMID: 27234302; PubMed Central PMCID:PMC4884436.
63. Borrelli, B., McQuaid, E.L., Tooley, E.M\*, Busch, A.M., Hammond, S.K., Becker, B., **Dunsiger, S.** (2016). Motivating parents of kids with asthma to quit smoking: The effect of the teachable moment and increasing intervention intensity using a longitudinal randomized trial design. *Addiction*, 111(9). doi: 10.1111/add.13389. [Epub ahead of print] PubMed PMID: 27184343.
  64. Williams, D.M., **Dunsiger, S.**, Davy, B.M., Kelleher, S.A., Marinik, E.L., Winett RA. (2016). Psychosocial mediators of a theory-based resistance training maintenance intervention for prediabetic adults. *Psychology and Health*, 13,1-17. [Epub ahead of print] PubMed PMID: 27090395.
  65. Guthrie, K.M., **Dunsiger, S.**, Vargas, S.E., Fava, J.L., Shaw, J.G., Rosen, R.K., Kiser, P.F., Kojic, E.M., Friend, D.R., Katz, D.F. (2016). Perceptibility and the "Choice Experience": user sensory perceptions and experiences inform vaginal prevention product design. *AIDS Research and Human Retroviruses*. 32, 1022-1030.[Epub ahead of print] PubMed PMID: 26942455.
  66. Clawson, A.H\*, Borrelli, B., McQuaid, E.L., **Dunsiger, S.** (2016). The role of caregiver social support, depressed mood, and perceived stress in changes in pediatric secondhand smoke exposure and asthma functional morbidity following an asthma exacerbation. *Health Psychology*, 35(6), 541-51. doi: 10.1037/hea0000318. Epub 2016 Feb 11. PubMed PMID: 26867039; PubMed Central PMCID: PMC4868653.
  67. Williams, D.M., **Dunsiger, S.**, Emerson, J.A., Gwaltney, C.J., Monti, P.M., & Miranda, R. (2016). Self-paced exercise, affective response, and exercise adherence: A preliminary investigation using ecological momentary assessment. *Journal of Sport and Exercise Psychology*, 38(3), 282-291.
  68. Salmoirago-Blotche,r E., **Dunsiger, S.**, Swale,s H., Aurigemma, G., Ockene, I., Rosman, L., Wittstein, I. (2016) Reproductive history of women with takotsubo cardiomyopathy. *American Journal of Cardiology*, 118(12),1922-1928.
  69. Marquez, B., **Dunsiger, S.**, Pekmezi, D., Larsen, B., & Marcus, B. (2016) Social support and physical activity change in Latinas: Results from the Seamos Saludables trial. *Health Psychology*, 35(12), 1392-1401.
  70. Salmoirago-Blotcher, S., Rosman, L, Wittstein, IS., **Dunsiger, S.**, Swales, HH, Aurigemma, GP, & Ockene, IS. (2016). Psychiatric history, post-discharge distress, and

personality characteristics among incident female cases of takotsubo cardiomyopathy: A case-control study. *Heart Lung*, 45(6), 503-509. doi: 10.1016/j.hrtlng.2016.07.008. Epub 2016 Aug 20.

71. Ciccolo, J. T., Whitworth, J. W., **Dunsiger, S. I.**, SantaBarbara, N. J., Nosrat, S. & LaBrec, J. E. (2016). Acute effects of resistance exercise on affect, arousal, and urge to drink in temporarily abstinent young adult hazardous drinkers: Resistance exercise and alcohol. *The American Journal on Addictions*, 25(8), 623-627.
72. Emerson, J.A\*, **Dunsiger, S.**, & Williams, D.M. (2017) Reciprocal within-day associations between incidental affect and exercise an EMA Study. *Psychology and Health.*, 33(1), 130-143. PMID: 28665227.
73. Ranney, M., Pittman, S\*, **Dunsiger, S.**, et al. (2017). Reducing peer violence and depressive symptoms among at-risk youth through an ED-initiated text-message intervention. *Injury Prevention*, 23(Suppl 1), A17.2-A17
74. Whitworth, J\*, Craft, L., **Dunsiger, S.**, & Ciccolo, J. (2017) Direct and indirect effects of exercise on posttraumatic stress disorder symptoms: A longitudinal study. *General Hospital Psychiatry*, 49, 56-62.
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186. Unick JL, Pellegrini CA, Dunsiger SI, Demos KE, Thomas JG, Bond DS, Lee RH, Webster J, Wing RR. An Adaptive Telephone Coaching Intervention for Patients in an Online Weight Loss Program: A Randomized Clinical Trial. *JAMA Netw Open*. 2024 Jun 3;7(6):e2414587. doi: 10.1001/jamanetworkopen.2024.14587. PMID: 38848067; PMCID: PMC11161849.
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190. Pinto BM, Patel A, Ostendorf DM, Huebschmann AG, Dunsiger SI, Kindred MM. Adapting an Efficacious Peer-Delivered Physical Activity Program for Survivors of Breast Cancer for Web Platform Delivery: Protocol for a 2-Phase Study. *JMIR Res Protoc*. 2024 Jun 19;13:e52494.
191. von Ash T, Dunsiger SI, Williams DM, Larsen BA, Bohlen LC, Pekmezi D, Mendoza-Vasquez AS, Benitez TJ, Bock BC, Hartman SJ, Marquez B, Marcus BH. Pasos Hacia La Salud II: A Superiority RCT Utilizing Technology to Promote Physical Activity in Latinas. *Am J Prev Med*. 2024 Aug;67(2):220-230. doi: 10.1016/j.amepre.2024.03.006. Epub 2024 Mar 13. PMID: 38490284.

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193. Panza E, Olson K, Sall K, Norris A, Lillis J, Thomas JG, Dunsiger S, Fowler H, Parent H, Wing RR. Sexual Minority Women Report Higher Weight Stigma Levels Than Heterosexual Women in the National Weight Control Registry. *Ann Behav Med*. 2024 Aug 7;58(9):603-609. doi: 10.1093/abm/kaae042. PMID: 38990532; PMCID: PMC11305126.
194. Sillice MA, Dunsiger S, Bock BC. Exploring Factors Associated with Dietary Improvement Among Participants Who Completed a Randomized Controlled Trial for Physical Activity: Evidence of a Transfer Effect. *Int J Behav Med*. 2024 Aug;31(4):642-647. doi: 10.1007/s12529-023-10186-x. Epub 2023 Jun 12. PMID: 37308771.
195. Connell Bohlen L, Dunsiger SI, von Ash T, Larsen BA, Pekmezi D, Marquez B, Benitez TJ, Mendoza-Vasconez A, Hartman SJ, Williams DM, Marcus BH. Six-Month Outcomes of a Theory- and Technology-Enhanced Physical Activity Intervention for Latina Women (Pasos Hacia La Salud II): Randomized Controlled Trial. *J Med Internet Res*. 2024 Jun 6;26:e51708. doi: 10.2196/51708. PMID: 38842930; PMCID: PMC11190618.
196. von Ash T, Choy CC, Dunsiger S, Soti-Ulberg C, Wang D, Reupena MS, Duckham RL, Naseri T, Hawley NL. Behavioral and sociodemographic correlates of sleep duration among children in Samoa. *Sleep Health*. 2025 Jan 1:S2352-7218(24)00236-5. doi: 10.1016/j.sleh.2024.10.009. Epub ahead of print. PMID: 39753399.
197. Connell Bohlen L, Oselinsky K\*, Vornlocher C, Lee HH, Michels E, Dunsiger SI, Bock BC, Kahler CW, Williams DM. Physical activity promotion based on positive psychology: development and piloting of a novel intervention approach. *Ann Behav Med*. 2025 Jan 4;59(1):kaaf004. doi: 10.1093/abm/kaaf004. PMID: 39898878.
198. Garr K, Carskadon MA, Kopel SJ, Dunsiger SI, Cohenuram A, Gredvig-Ardito C, Koinis-Mitchell D. The effects of experimental sleep disruption on daytime performance among children with asthma living in urban environments. *Sleep Health*. 2025 Jan 20:S2352-7218(24)00266-3. doi: 10.1016/j.sleh.2024.12.003. Epub ahead of print. PMID: 39837687.

## OTHER NON-PEER REVIEWED PUBLICATIONS

1. Williams, D.M, & **Dunsiger, S.** (2007). Suggestions for testing health behavior theories: implications for mediator analysis. *Annals of Behavioral Medicine (letter to the editor)*. 34: 223.

## INVITED PRESENTATIONS



## **National**

1. McGarvey, S., DePue, J., Rosen, R., & **Dunsiger, S.** (2013). Community Engaged Research: Behavioral Intervention on Diabetes Among Samoans Research Team Reflections. *Presented at Research Networking and Innovation Series, Department of Behavioral and Social Sciences (RINS), Brown University, Providence RI, May 2013.*
2. **Dunsiger, S.** (2013). Foundations of Analyzing Data from Behavioral Medicine. *Presented at the University of Oklahoma, June 2013.*
3. **Dunsiger, S.** (2015). Behavioral Outcomes: Patterns, Patterns, Everywhere! *Presented at Brown University Center for Alcohol & Addiction Studies Rounds November 2015.*
4. **Dunsiger, S.** (2017). Estimating the Effect of Receiving Treatment: A G-Computation Approach for Behavioral Medicine. *Presented at the Quantitative Methods Core Seminar Series, University of Massachusetts Medical School. May 2017.*
5. **Dunsiger, S.,** Bock, B. (2018). Exploring Second-to-Second Exercise Intensity and Disease Risk Outcomes. *Presented at CTR Seminar Series, Providence RI, October 2018.*
6. **Dunsiger, S.** (2018) Patterns of Change in Behavioral Medicine: A Case Study. *Presented at University of Connecticut, November 2018.*
7. **Dunsiger, S.** (2018) Patterns of Change in Behavioral Medicine: Workshop. *Two-hour workshop presented at University of Connecticut, November 2018.*
8. **Dunsiger, S.** (2022) Estimating the effect of Receiving Treatment: A CASE for a new Estimate, *Presented at CBPM Research Network Series, TMH March, 2022.*
9. **Dunsiger, S.** (2022) Propensity Scores – A Working Introduction. *Presented at RI DCYF.*
10. **Dunsiger, S** (2024) Propensity Scores – Approaches to Matching. *Presented at Highmark Health.*

## **OTHER PRESENTATIONS**

### **National**

1. Williams, D.M. Lewis, B.A., **Dunsiger, S.I.** King, T.K., & Marcus, B.H. (2004). Decreases In Cigarette Consumption Among Women Smokers Enrolled In Commit To Quit. *Presented at the annual meeting of the Society of Behavioral Medicine, Baltimore MD.*
2. **Dunsiger, S.** & Hogan, J. (2004). Latent Class Analysis Of Longitudinal Binary Data From Smoking Cessation Trials (Application To Prozac Trial). *Presented at Workshop on Methods for Behavioral Medicine, Brown University, Providence, RI.*
3. **Dunsiger, S.** & Hogan, J. (2005). Latent Class Analysis Of Longitudinal Binary Data From Smoking Cessation Trials. *Presented at the annual meeting of ENAR, Austin TX.*
4. **Dunsiger, S.** & Hogan, J. (2005). Latent Class Analysis Of Longitudinal Binary Data From Smoking Cessation Trials. *Presented at NESS, Storrs CT.*
5. Williams, D.M. Lewis, B.A., **Dunsiger, S.I.**, & Marcus, B.H. (2005). The Effect Of Moderate Intensity Exercise On Smoking Cessation. *Presented at the annual meeting of the American College of Sports Medicine, Nashville TN.*
6. **Dunsiger, S.** & Hogan, J. (2006). Classification Of Longitudinal Drug Adherence Patterns From MEMS Cap Time Series Data. *Presented at NIMH/IAPAC, Jersey City, NJ.*
7. Williams, D.M., Lewis, B.A., **Dunsiger, S.I.** , King, T.K., & Marcus, B.H. (2006). Increasing Exercise Improved Mood During Smoking Abstinence Among Women. *Presented at the annual meeting of the Society of Behavioral Medicine, San Francisco CA.*
8. Whitehead, D., Williams, D., **Dunsiger, S.**, & Marcus, B. (2007). Differential Impact Of Print And Internet Based Interventions Upon Physical Activity Process Variables Among African American Vs. Caucasian Participants. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington DC.*
9. Williams, D.M., **Dunsiger S.**, Ciccolo, J.T., Lewis, B.A., Albrecht, A.E., & Marcus, B.H. (2007). Acute Affective Response To A Single Bout Of Exercise Predicts Physical Activity Participation Six Months Later. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington DC. Citation Award.*
10. Jennings, E., William, D., Lewis, B., **Dunsiger, S.**, Albrecht, A., & Marcus, B. (2007). Examining The Impact Of Obesity Status On Change In Minutes Of Physical Activity

In An Evidence-Based Physical Activity Intervention. *Presented at Brown University's Public Health Research Day, Providence RI.*

11. Marcus, B.H., Lewis, B.A., **Dunsiger, S.**, Napolitano, M.A., & Williams D.M. (2007). Predictors Of Success In Project STRIDE: A Physical Activity Promotion Study. *Presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Oslo, Norway.*
12. Marcus, B.H., Lewis, B.A., **Dunsiger, S.**, & Williams D.M. (2007). Innovative Channels For Delivering Tailored Physical Activity Interventions: Current Evidence And Future Directions. *Presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Oslo, Norway.*
13. Lewis, B.A., Williams, D.M., **Dunsiger, S.**, Sciammanna, C.N., Whiteley, J.A., Napolitano, M.A., Bock, B.C., Hogan, J.W., Jakicic, J.M., Getz, M., & Marcus, B.H. (2008). User Attitudes Towards Physical Activity Websites In A Randomized Controlled Trial. *Presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.*
14. Williams, D.M., Lewis, B.A., **Dunsiger, S.**, Whiteley, J.A., Papandonatos, G.D., Napolitano, M.A., Bock, B.C., Ciccolo, J.T., & Marcus, B.H. (2008). Comparing Psychosocial Predictors Of Physical Activity Adoption And Maintenance. *Presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.*
15. Hogan, J., Zhang, J., **Dunsiger, S.**, & Marcus, B. (2009). Semiparametric Inference For Natural Direct And Indirect Effects. *Presented at Joint Statistical Meetings, Washington DC.*
16. Williams, D.M., Whiteley, J.A., Jennings, E.G., Albrecht, A.E., Ussher, M.H., **Dunsiger, S.**, Ciccolo, J.T., Parisi, A.F., & Marcus, B.H. (2009). Moderate Intensity Exercise As An Adjunct To Standard Smoking Cessation Treatment For Women: A Pilot Study. *Presented at the annual meeting of the Society of Behavioral Medicine, Montreal, QC.*
17. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Relationships Between Traditional And Novel Measures Of Neighborhood Walkability: The Use Of Walk Score In Public Health. *Presented at the annual Active Living Research Meeting, San Diego, CA.*
18. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Walk Score As A Global Estimate Of Neighborhood Walkability. *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle WA.*

19. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Relations Between Crime, Perceived Safety And Physical Activity Among Spanish Speaking Latinas Enrolled In A Physical Activity Intervention. *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle WA.*
20. **Dunsiger, S.I.**, Hogan, J., & Marcus, B.H. (2010). A Multiple Imputation Approach To Mediation: Application In Behavioral Medicine. *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.*
21. **Dunsiger, S.I.**, Lewis, B.A., & Marcus, B.H. (2010). Measuring Physical Activity Over Time: Is There A Better Way? *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.*
22. Carr, L.J., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Walk Score As A Moderator Of The Association Between Perceived Environment And Physical Activity Behavior. *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.*
23. Barbera, B., Pekmezi, D., Marcus-Blank, J., **Dunsiger, S.**, & Marcus, B. (2010). Feasibility And Acceptability Of Using Pedometers As An Intervention Tool For Latinas. *Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.*
24. **Dunsiger, S.I.**, Williams, D.M., & Marcus, B.H. (2010). Predictors Of Risk Of Lapse/Relapse In A Longitudinal Physical Activity Intervention. *Presented at the International Congress on Physical Activity and Public Health, Toronto, ON.*
25. Williams, D.M., Jennings, E.G., Papandonatos, G.P, Lewis, B.A., Napolitano, M.A., Whiteley, J.A., **Dunsiger, S.I.**, & Marcus, B.H. (2010). Testing The Efficacy Of An Enhanced, Individually-Tailored, Theory-Based, Print-Delivered Exercise Promotion Intervention. *Presented at the annual meeting of the American College of Sports Medicine, Baltimore, MD.*
26. Wagener, T.L., Busch, A., **Dunsiger, S.**, & Borrelli, B. (2011). Changes In Risk Perception Following A Smoking Cessation Intervention: The Role Of Acculturation In A Sample Of Latino Caregivers. *Presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Toronto, ON.*
27. Ciccolo, J., **Dunsiger, S.**, Williams, D., Jennings, E., Bartholomew, J., & Marcus, B. (2011). Resistance Training as an Aid to Smoking Cessation Treatment: A Pilot Study.

*Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.*

28. Williams, D.M. , **Dunsiger, S.**, & Marcus, B. H. (2011). Acute Affective Response to Physical Activity Predicts Future Physical Activity Participation: A Replication and Expansion of Previous Findings. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.*
29. Jennings, E., Hartman, S., **Dunsiger, S.**, & Marcus, B.H. (2011). Goal-Setting in a Print-based Physical Activity Promotion Intervention. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.*
30. Whiteley, J.A., **Dunsiger, S.**, Jennings, E., Williams, D., Ciccolo, J., Bock, B., Albrecht, A., Parisi, A., & Marcus, B. (2011). Outcomes from Commit to Quit YMCA: Translating an Effective Quit Smoking Program to a YMCA Setting. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.*
31. Carr, L.J., **Dunsiger, S.I.**, Hartman, S.J., Dominick, G., & Marcus, B.H. (2011). Building for Dissemination: Efficacy of An Internet Physical Activity Intervention. *Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.*
32. Daiello, L.A., Gongvatana, A., **Dunsiger, S.**, Cohen, R.A., Ott, B.R., & The ADNI Study Investigators (2011). Association of Fish Oil Supplement Use with Rates of Brain Atrophy and Cognitive Decline in the Alzheimer's Disease Neuroimaging Initiative (ADNI) Cohort. *Presented at ICAD, Paris France.*
33. Gongvatana, A., Correia, S., Devlin, K., **Dunsiger, S.**, Ross, S., Bradford, N., Tashima, K., DeLaMonte, S., & Cohen, R (2012). Clinical Factors and Plasma Cytokine Markers Are Related to Brain Volumes in HIV-Infected Individuals. *Presented at CROI, Seattle, WA.*
34. Gongvatana, A., Correia, S., Devlin, K., **Dunsiger, S.**, Ross, S., Bradford, N., Tashima, K., DeLaMonte, S., & Cohen, R (2012). Clinican Factors and Plasma Cytokine Markers Are Related to Brain Volumes in HIV-Infected Individuals. *Presented at CROI, Seattle, WA.*
35. Whiteley, J.A., **Dunsiger, S.**, Linke, S, Bock, B, Jennings, E, Ciccolo, J., and Marcus, B. (2012). Psychosocial Changes in Commit to Quit YMCA. *Presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.*

36. Pinto, B.M., **Dunsiger, S.I.** and Goldstein, M.G.. (2012) How Much Exercise is Required to Achieve Psychosocial Benefits among Breast Cancer Patients? *Presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.*
37. Hartman, S.J. **Dunsiger, S.I.** and Marcus, B.H. (2012) Efficacy of a Web-Based Physical Activity Intervention Targeted Towards Women with a Family History of Breast Cancer . *Presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.*
38. Pinto, B.M., **Dunsiger, S.I.**, Goldstein, MG, Farrell, N., and Todaro, J. (2012) Maintaining Exercise after Cardiac Rehabilitation: Psychosocial Outcomes. *Presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.*
39. Carr, L.J. and **Dunsiger S.I.** (2012). Search Query Data to Monitor Interest in Behavior Change: Application for Public Health. *Presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.*
40. Waldemore, M.L., Zhou, E.S., **Dunsiger, S.I.**, & Pinto, B.M. (2012). Changes in social support for exercise following a telephone-based physical activity intervention for breast cancer survivors. *Presented at the 6th Biennial Cancer Survivorship Research Conference, Arlington, Virginia.*
41. Morrow, K., **Dunsiger, S.**, Fava, J., Shawn, J., Rosen, RK., Kiser, P., Friend, D., Katz, D., & The Project Link Study Team (2012). Which User Experiences Potentiate Adherence to Vaginal Microbicides. *Presented at AIDS 2012, Washington DC.*
42. **Dunsiger, S.**, DePue, J., Seiden, A., Rosen, R., Nu'usolia,O., Tuitele, J., & McGarvey, S. (2013). Behavior change as a mediator of the effect of nurse-community health worker team intervention on diabetes control in American Samoa. *Presented at APHA, 2013, Boston MA.*
43. **Dunsiger, S.**, Linke, S., Whiteley, J., & Marcus, B. (2013). Patterns of Smoking Cessation: A Case Study. *Presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.*
44. Carr, L.J., Larsen, B.A., **Dunsiger, S.I.** & Marcus, B.H. (2013). Effect of Moderate Intensity Demonstration Walk on Self-Reported Moderate Intensity Physical Activity . *Presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.*

45. Jennings, E., Linke, S., Whiteley, J., **Dunsiger, S.**, Bock, B., & Marcus B. (2013). Training YMCA Smoking Cessation Facilitators: Commit to Quit YMCA. *Presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.*
46. Pinto, B.M., Stein, K., & **Dunsiger, S.** (2014). Psychosocial Outcomes of Peer-Mentorship to Promote Physical Activity Among Cancer Survivors. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.*
47. Seiden, A.D., **Dunsiger, S.**, DePue, J.D., Rosen, R.K,m & McGarvey, S.T. (2014). Latent Class Analysis of Behavior Change in a Nurse-Community Health Worker Intervention on Diabetes Control in American Samoa. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.*
48. Ford, J., **Dunsiger, S.**, & Marcus, B. (2014). The Role of Pattern of Change in Motivational Readiness in the Association Between Intervention Dose Received and Adoption of Physical Activity. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.*
49. Marcus, B.H., **Dunsiger, S.I.**, Pekmezi, D.W., Larsen, B., Bock, B.C., Gans, K., Marquez, B., Morrow, K.M., & Tilkemeier, P. (2014). A Randomized Controlled Trial of a Culturally/Linguistically Adapted, Individually Tailored Physical Activity Intervention for Latinas. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA. (Citation Winner)*
50. Pinto, B.M.,& **Dunsiger, S.** (2014). Mediators of Exercise Maintenance after Cardiac Rehabilitation. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.*
51. Gaskins, R.B., Floyd, A., Olendzki, B., **Dunsiger, S.**, Manno, M., Jelalian, E., & Pate, R. (2014). Teen Mom Perspectives on Parenting and Health for Developing a Program for Obesity Prevention in their Children. *Presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.*
52. Larsen, B.A., Pekmezi, D.W., **Dunsiger, S.I.**, & Marcus, B.H. (2014). Increasing Physical Acitivity in Latinas: The Moderating Effect of Family Ties. *Presented at ISBNPA, San Diego, CA.*
53. Ford, J., **Dunsiger, S.**, & Marcus, B. (2014). Patterns of Motivational Readiness and Physical Activity Outcome in Sedentary Participants Enrolled in a Randomized Control Trial of Internet-Based Physical Activity Intervention. *Presented at Brown University Public Health Research Day, Providence RI.*

54. Pekmezi, D., **Dunsiger, S.**, Marquez, B., Larsen, B., Bock, B., Gans, K., & Marcus, B. (May 2014). Potential Theoretical Mechanisms Of Action Related To Physical Activity Behavior Change In Latinas. *American College of Sports Medicine Annual Meeting, Orlando, FL.*
55. Thind, H., **Dunsiger, S.**, Fava, J., Gaskins, R., Jennings, E., Carmody, J., Rosen, R.K., Horowitz, S., Latini, R., Becker, B., & Bock, B.C. (2014). Be Mindful to Lower Depression and Anxiety: Results from a Longitudinal Study. *Presented at Symposium on Yoga Research, Stockbridge, MA.*
56. Clawson, A. H., Borrelli, B., McQuaid, E. L., & **Dunsiger, S.** (2015). *Autoregressive latent trajectory analysis of pediatric secondhand smoke exposure and asthma functional morbidity following an asthma exacerbation: The role of parental social support.* Poster presented at the 2015 annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, Pennsylvania.
57. Pinto, B.M., Stein, K., **Dunsiger, S.I.** (2015). Peer Mentors Delivering a Physical Activity Intervention for Cancer Survivors: Results among Mentors. *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX.*
58. Marcus, B.H. **Dunsiger, S.I.**, Hartman, S.J., Linke, S., Pekmezi, D., Marquez, B., Larsen, B., Gans, K.M. (2015). A Randomized Controlled Trial of an Internet-Delivered Physical Activity Intervention for Latinas. *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX.*
59. Dominic, G.M., Dunsiger, S.I., Pekmezi, D., Larsen, B., Marquez, B., Nodoro, J., Gans, K.M., Marcus, B.H. (2015). Health Literacy Moderates Change in Physical Activity among Latinas in a Randomized Trial. *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX.*
60. Horowitz, S., **Dunsiger, S.**, Jennings, E., Becker, B., Thind, Herpreet, Fava, J., Latini, R., Breault, C., Rosen, R.K., Gaskins, R.B., & Bock, B.C. (2015). Advertising effectiveness for recruitment and retention in a trial of yoga for smoking cessation. *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX.*
61. Lantini, R., Fava, J., Thind, H., **Dunsiger, S.**, Horowitz, S., Jennings, E., Becker, B., Breault, C., Rosen, R., Gaskins, R., & Bock, B. (2015). Butt Why? Cigarette Scavenging & Factors Associated with Smoking Previously Used Cigarettes. *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX.*



62. Emerson, J.A., **Dunsiger, S.I.**, & Williams, D.M. (2015). Examining the Reciprocal Relationship between Exercise and Affect using Ecological Momentary Assessment, *Presented at annual meeting of the Society of Behavioral Medicine, San Antonio, TX & Brown University Public Health Research Day.*
63. Borrelli, B., Nolasco, G., Cabral, S.J., Dugas, K.P., Busch, A., **Dunsiger, S.**, Hughes, R. (2015). Greater Engagement in Life Activities is Associated with Improved Mood and Reduced Smoking in Smokers with Mobility Impairments. *Presented at APS, New York, New York.*
64. Thind, H., Fava, J., Jennings, E., **Dunsiger, S.**, Rosen, R.K., Horowitz, S., Lantini, R., Breault, C., Becker, B., Bock, B.C. Development and validation of an instrument to assess outcome expectations for yoga. *Abstract selected for presentation at Symposium of Yoga Research. Sep 28-30, 2015. Stockbridge, MA.*
65. Busch, A., Tooley, E., **Dunsiger, S.**, Fani Srour, J., Pagoto, S., Kahler, C., & Borrelli, B. (March, 2016) Behavioral Activation for Smoking Cessation and Mood Management Following a Cardiac Event: Results from a Pilot RCT. *Symposium Presented at SRNT Annual Meeting, Chicago IL.*
66. Emerson, J.A., **Dunsiger, S.**, Williams, D.M. (2016). Predictors Of Exercise Lapse Among Overweight Adults: An Ecological Momentary Assessment. *Poster presented at the Society of Behavioral Medicine Annual Meeting, Washington, DC.*
67. Horowitz, S., **Dunsiger, S.**, Jennings, E., Lantini, R., Rosen, R.K , Sillice, M.A. , Fava, J.L., Becker, B.M., Breault, C., & Bock, B. (2016). Understanding E-Cigarette Usage Among Current Smokers In Complementary And Alternative Research. *Poster presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
68. Linke, SE, **Dunsiger, S.** Hartman, SJ, Pekmezi, D, Larsen, B, Marquez, B, Mendoza,A, Noble, M, Bock, B, Gans, K, Rojas, C & Marcus, B. (2016).Pasos Hacia la Salud: 12-Month Outcomes of a Web-Based Physical Activity Intervention for Latinos. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.Citation award winner,*
69. Carr, L. Dunsiger, S., & Marcus, B. (2016). Long-Term Surveillance Of Physical Activity Habits Of Latinas Enrolled In A 12 Month Physical Activity Intervention. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
70. Jennings, E, **Dunsiger, S.** Horowitz, S, Lantini, R, Crocker, C, Bock, B. (2016) Changes In Physical Activity and Smoking Behaviors In A Randomized Controlled

Trial. *Presented at the 63rd annual meeting of the American College of Sports Medicine, Boston, MA.*

71. Boyle, HK , **Dunsiger, S**, Emerson, J , Williams, DM. (2016). Exercising With A Partner Is Associated With Increased Exercise Duration And More Positive Affective Response During Exercise. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
72. Williams, DM., **Dunsiger, S.**, Davy, B., Kelleher, SA , Marinik, E.& Winett, R. (2016). Psychosocial Mediators Of A Theory-Based Resistance Training Maintenance Intervention For Prediabetic Adults. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
73. Whitworth, JW , Ciccolo, JT , **Dunsiger, S** , SantaBarbara, NJ , Nosrat, S. (2016). Acute Effects Of Resistance Exercise On Affect, Arousal, And Cravings In Temporarily Abstinent Young Adult Heavy Drinkers. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
74. Borrelli, B., Tooley, E., **Dunsiger, S.** (2016). Motivating Smokers To Quit: Theoretical Constructs, Intervention Components, And Timing Matter. *Symposium at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
75. Pinto, B., **Dunsiger, S.**, & Stein, K. (2016). Sedentary Behavior, Fatigue And Quality Of Life Among Breast Cancer Survivors . *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC. Citation award winner.*
76. Salmoirago-Blotcher, E, **Dunsiger, S.**, & Bock, B. (2016). Can Mindfulness Promote Behavioral Change? A Secondary Analysis From The Breatheasy Study. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC*
77. Nosrat, S ,Ciccolo, JT ,**Dunsiger, S**, Whitworth, JW & SantaBarbara, NJ. (2016). Acute Effects Of Resistance Exercise In A Depressed Hiv Sample: The Exercise For People Who Are Immunocompromised (Epic) Study. *Presented at the Society of Behavioral Medicine Annual Meeting, Washington DC.*
78. Ciccolo, J. T., Busch, A. M., **Dunsiger, S. I.**, Louie, M. E., Nosrat, S., & Carey, M. P. (2017). Effects of Resistance Training on Depression and Cardiovascular Disease Risk in Black/African American Men: A Randomized Controlled Trial. *Paper presented at the 50<sup>th</sup> Annual Meeting of the North American Society for Psychology of Sport and Physical Activity, San Diego, CA.*

79. Linke, S.E., **Dunsiger, S.I.**, Gans, K.M., Hartman, S.J., Pekmezi, D., Benitez, T., & Marcus, B.H. (2017). Association between Physical Activity (PA) Intervention Website Use and PA Levels among Spanish-speaking Latinas. *Paper presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
80. Endrighi, R., Dunsiger, S., & Borrelli, B. (2017). Smokers Who Are Not Motivated To Quit Are More Likely To Quit Smoking With More Intensive Vs. Less Intensive Interventions. *Paper presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
81. Hoover, V., Jackson, E., **Dunsiger, S.**, Edwards, K., Hudson, L. (2017). Women and Cardiovascular Disease: Current Approaches and Future Opportunities for Interdisciplinary Collaboration. *Symposium at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
82. Connell, L., **Dunsiger, S.**, Emerson, J., Stevens, C., & Williams, D. (2017). How Long Does The Positive Affective Response To Exercise Last? An EMA Study. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
83. **Dunsiger, S.**, Bock, B., Gans, K., Hartman, S., Larsen, B., Linke, S., Marcus, B., Marquez, B., Mendoza-Vasconez, A., & Pekmezi, D. (2017). Psychosocial mediators of physical activity adoption in a RCT of an Internet-based Intervention for Latinas. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
84. DeMello, M., Blair, S., **Dunsiger, S.**, Hand, G., Pinto, B. (2017). Reciprocal Relationship Between Sedentary Behavior And Mood In Young Adults. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
85. Lee, H., **Dunsiger, S.**, Boyle, H., Connell, L., Emerson, J., & Williams, D. (2017). Age Moderates The Effect Of Self-Paced Walking On Exercise Adherence Among Overweight Adults. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
86. Hartman, S., **Dunsiger, S.**, Larsen, B., Pekmezi, D., & Marcus, B. (2017). Changes In Sedentary Behaviors Among Latinas In A Physical Activity Intervention. *Poster*

*presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*

87. Carr, L., **Dunsiger, S.**, & Marcus, B. (2017). Identifying Unique Patterns Of Daily Activity Among Latinas Enrolled In A 12-Month Physical Activity Intervention. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
88. Sokolovsky, A., **Dunsiger, S.**, Carr, L., & Marcus, B. (2017). Predictors of Daily Patterns of Physical Activity among Latina Participants in a Physical Activity Intervention. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
89. Williams, D., **Dunsiger, S.**, Beauchamp, M., Dionne, L., Emerson, J., & Rhodes, R. (2017). Are Self-Efficacy Measures Confounded With Motivation? An Experimental Test. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
90. **Dunsiger, S.**, Bock, B., Ciccolo, J., Horowitz, S., Jennings, E., Latini, R., Linke, S., Rosen, R., Whiteley, J., & Marcus, B. (2017). Exercise May Enhance Smoking Cessation Through Improved Sleep. *Poster presentation at the Society of Behavioral Medicine 37th Annual Scientific Conference, San Diego, CA.*
91. Jennings E, **Dunsiger, S.**, Rosen R, Lantini R, Horowitz S, & **Bock BC.** (2018) Patterns of Quitting Smoking and the Participant Experience in the Breatheasy Trial: A Mixed Methods Analysis. *Presented at the 24<sup>th</sup> annual meeting of the Society For Research on Nicotine and Tobacco, Baltimore MD.*
92. Rosen RK, Fava J, Jennings E, **Dunsiger S.**, Lantini R, Horowitz S & **Bock BC.** (2018). A Mixed Methods Approach To Understanding Group Cohesion In The Breatheasy Smoking Cessation Study. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
93. Pinto, B, Stein, K, & **Dunsiger, S.** (2018). Improving Physical Activity in the Context of Cancer. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
94. DeMello, M., **Dunsiger, S.**, Pinto, B. (2018). Association of Body Esteem with Fitness and Body Fat among Colorectal Survivors. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*

95. DeMello, M., **Dunsiger, S.**, & Pinto, B. (2018). Longitudinal Determinants of Sedentary Behavior among Colorectal Survivors. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
96. Endrighi, R., Glowacki, E., Ruelas, I, **Dunsiger, S.** & Borrelli, B. (2018). Are Pain-Related Outcome Expectancies Associated with Smoking Cessation Outcomes Among People with Mobility Impairments? *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
97. Lewis, B, Schuver, K, **Dunsiger, S.**, Ciccolo, J., Terrell, C & Avery, M. (2018). The Effect of Exercise and Wellness Interventions on Preventing Postpartum Depression and Stress: The Healthy Mom II Trial. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
98. Larsen, B., **Dunsiger, S.**, Hartman, S., Linke, S., Pekmezi, D., Benitez, T., Patrick, K., & Marcus, B. (2018). ACTIVO: A Randomized Trial of a Physical Activity Intervention For Latino Men. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
99. Galarraga, O., Connell, L., **Dunsiger, S.**, Lee, H., Emerson, J., Boyle, H., Strohacker, K., Williams, D. (2018). Exercise for Good: Small Monetary Incentives vs Charitable Donations to Promote Exercise. *Presented at the 39<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, April 11-14 2018, New Orleans, LA.*
100. Salmoirago-Blotcher, E, **Dunsiger, S.** (2019). Predictors of Exercise Patterns in CHD Survivors Undergoing Tai Chi Training: A Latent Class Analysis. *Presented at the 40<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*
101. Guillen, M., **Dunsiger, S.**, Guthrie, K. et al. (2019). Using EMA to Collect Adherence and Compliance Data of Sexual and Reproductive Health Products to Better Understand Effective Use. *Presented at the 40<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*
102. Kindred, M., Pinto, B., & **Dunsiger, S.** (2019). Mediators of Physical Activity Adoption and Maintenance among Breast Cancer Survivors. *Presented at the 40<sup>th</sup>*

*annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*

103. Lee, H., **Dunsiger, S.**, Connell Bohlen, L., Boyle, H., Emerson, J., Galarraga, O. & Williams, D. (2019). Subjective Well-Being Moderates the Effect of Conditional Incentives on Exercise Adherence among Healthy Adults. *Presented at the 40<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*
104. Marcus, B., Hartman, S., Linke, S., **Dunsiger, S.**, Larsen, B., Marquez, B., Mendoza-Vasquez, A., & Benitez, T. (2019). Examination & Comparison Of Baseline Characteristics Of Latinas Enrolled In A Physical Activity Intervention In Two US Regions. *Presented at the 40<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*
105. Lewis, B., **Dunsiger, S.** Schuver, K., Ciccolo, J., Terrell, K., & Avery, M. (2019). Exercise Moderates the Effect of Sleep Quality on Postpartum Depressive Symptoms Among Women at Risk for Postpartum Depression. *Presented at the 40<sup>th</sup> annual Meeting and Scientific Session of the Society of Behavioral Medicine, March 6-9 2019, Washington, DC.*
106. Rencken, C.A, **Dunsiger S**, Gjelsvik A, Amanullah S, (2019). Education Level is Associated with Tetanus Vaccine Coverage: Results from the 2016 BRFSS. *Presented at Infectious Disease Week, October 2-5, 2019, Washington DC.*
107. Nelson, K.M., Perry, N.S., Stout, C.D., **Dunsiger, S.I.**, & Carey, M.P. (2021). The Young Men & Media Study: A pilot randomized controlled trial of a community-informed, online HIV prevention intervention for 14-17-year-old sexual minority males. *Poster presentation at The National LGBTQ Health Conference.*
108. Underhill, K., Kim, Y., Greenberg, M., Canaan, I., Jeong, C. Stout, C., Raderman, W., Unger, E., Raifman, J., Agénor, M., Ybarra, M., **Dunsiger, S.**, Austin, S.B., & Nelson, K.M. (2021). Minor consent laws for STI and HIV services: A comprehensive, longitudinal 50-state survey. *Oral presentation at the American Public Health Association Annual Meeting, Denver, CO*
109. Underhill, K., Kim, Y., Greenberg, M., Canaan, I., Jeong, C. Stout, C., Raderman, W., Unger, E., Raifman, J., Agénor, M., Ybarra, M., **Dunsiger, S.**, Austin, S.B., & Nelson, K.M. (October, 2021). A longitudinal 50-state survey of K-12 sex education laws. Oral presentation at the American Public Health Association Annual Meeting, Denver, CO.

110. Busch, A. M., Ford, B.R., **Dunsiger, S.**, Chrastek, M., Cameron, S., Strother, E., & Winkelman, T.N.A. (2021). A Pilot RCT of Smoking Cessation at Release from an Urban, Pre-trial Jail: An Opportunity for Cessation Among Those with Behavioral Health Conditions. *Symposium presented at the meeting of the Association of Behavioral and Cognitive Therapies, Virtual Conference.*
111. Olson, K., Egbert, A., Butryn, M., Cummins, L., Elwy, R., Dunsiger, S., Puhl, R., Thomas, JG., & Wing, R. (October 14-17, 2023) Targeting Weight and Shape Concern in Women of Higher Weight: An Adaptation of the Body Project [Oral Session] The Obesity Society Annual Meeting, Dallas, Texas.
112. Olson, K., Egbert, A., Butryn, M., Cummins, L., Elwy, R., Dunsiger, S., Puhl, R., Thomas, JG., & Wing, R. (October 14-17, 2023) Targeting Weight and Shape Concern among Racially and Ethnically Diverse Women with High Body Weight [Oral Session] The Obesity Society Annual Meeting, Dallas, Texas.
113. Olson, K., Egbert, A., Butryn, M., Cummins, L., Elwy, R., Dunsiger, S., Puhl, R., Thomas, JG., & Wing, R (October 14-17, 2023) Engaging Women of Color who have High Weight and Shape Concern in Body Image Research. [Poster presentation] The Obesity Society Annual Meeting, Dallas, Texas.

## GRANTS

### Current Grants

1R01HD093655-01, NICHD Ranney, Megan (PI) 03/01/18-02/28/23

*Intervention to Prevent Peer Violence & Depressive Symptoms Among At-Risk Adolescents*

The goal of this study is to determine which type of ED-initiated intervention is most potent at reducing peer violence and depressive symptoms among at-risk youth.

Role: Co-Investigator/Biostatistician

2R01CA159954-05, NCI Marcus, Bess (PI) 09/06/11-08/31/22

*Promoting Physical Activity in Latinas via Interactive Web-based Technology*

To test an enhanced version of the original intervention (Pasos Hacia la Salud, R01CA159954) in order to outperform PA gains of the parent trial and achieve long term maintenance, which is critical to reducing the burden of chronic disease.

Role: Co-Investigator/Biostatistician

1R01HL136327-01, NHLBI, Busch, Andrew (PI) 08/18/17-07/31/22

*Secondary Prevention Following Acute Coronary Syndrome Using Integrated Smoking Cessation and Mood Management*

The primary aim of this project is to test whether a combined mood management and smoking cessation counseling intervention can improve outcomes following a cardiac event.

Role: Co-Investigator/Biostatistician

1R01MD012225-02, NIMHD, Koinis-Mitchell, Daphne (PI) 09/25/17-05/31/22

Peer-Administered Asthma Self-Management Intervention in Urban Middle Schools

Role: Co-Investigator/Biostatistician

5R01CA183849-04, NCI, Pinto, Bernardine (PI) 04/03/15-03/31/22

*Peers Promoting Exercise Adoption and Maintenance Among Cancer Survivors*

This application proposes to develop and test interventions for exercise maintenance among breast cancer survivors which can be used by various community-based organizations.

Role: Co-Investigator/Biostatistician

1R01DK117843-01 Unick, Jessica (PI) 9/18/2018-6/30/2023

NIH/NIDDK

*Phone Coaching as a Rescue Strategy for Early Non-Responders Enrolled in an Internet-Delivered Weight Loss Program*

This study examines whether the addition of brief (3 phone calls) or extended phone coaching (weekly phone calls) to early non-responders enrolled in an Internet-based WL program improves weight loss.

Role: Co-Investigator

1R01DK117857-01A1 Thomas, John G (PI) 6/1/2019-3/31/2023

NIH/NIDDK

*Rapid Evaluation of Innovative Intervention Components to Maximize the Health Benefits of Behavioral Obesity Treatment Delivered Online: An Application of Multiphase Optimization Strategy*

This project aims to optimize the weight loss outcomes produced by online behavioral obesity treatment via 5 innovative intervention components tested in a randomized factorial experiment.

Role: Co-I/Biostatistician

1R01HL142058-01A1 Koinis-Mitchell, Daphne (PI) 4/1/2019-3/31/2024

NIH

*Disparities in Sleep, Asthma, and the Sleep Context in Urban Children*



The proposed research builds on the team's prior work by utilizing a multi-method, in-depth approach to characterize the sleep patterns and sleep settings of urban children in combination with biological measures that may differ based on children's ethnic group background and may contribute to asthma outcomes.

Role: Biostatistician

1R01NR017876-01A1 Larsen, Britta (PI) 8/1/2019-3/31/2024

NIH/NINR

*Individually Tailored Physical Activity Intervention for Latina Adolescents: Niñas Saludables*

To conduct a randomized controlled trial of a six-month MVPA intervention for Latina adolescents that will incorporate an individually tailored interactive multimedia website, wearable trackers to reinforce key behavior change techniques, and SMS messages to encourage adaptive goal setting.

Role: Co-Investigator/Biostatistician

MRS-17-152-01, ACS McDonnell, Karen (PI) 01/01/18-12/31/22

*Dyad-based Multiple Behavior Intervention for Reducing Lung Cancer Symptoms*

The goal of this project is to address the need to integrate symptom reduction with change in multiple behaviors (tobacco use and lack of physical activity) into a self-managed, dyad-based intervention, known as Breathe a little easier for survivors with early stage lung cancer (Stages I–IIIa) and their family members.

Role: Co-Investigator/Biostatistician

Hassenfeld Child Health Institute McQuaid, Beth; Koinis-Mitchell, Daphne; and Fritz, Gregory (PI) 02/01/16-01/31/22

*Childhood Asthma Research Innovation Program*

The Childhood Asthma Research Innovation Program comprises three projects; 1) a project to capitalize the Child Health Innovation Institute birth cohort to assess genetic, epigenetic, and environmental/contextual contributions to asthma onset in children at, 2) examination of epigenetic, immune, and social context in school-aged children with asthma at risk for experiencing health disparities, and 3) establishment of data infrastructure and referral network to coordinate community-based interventions available across the state for families of children with asthma.

Role: Co-Investigator/Biostatistician

1R21DA045848-01 Green, Traci (PI) 12/1/2017-11/30/2021

NIH/NIDA

*Comparing Medication Maintenance in Comprehensive Community and Pharmacy Settings to Enhance Engagement*

The goal of this study is to examine how the pharmacy can better optimize treatment expansion by providing pharmacy-based MAT for maintenance. This study aims to develop (R21 phase) then test (R33 phase) a model of MAT maintenance and coordinated care in the pharmacy.

Role: Co-Investigator

VPR-27320915, Landoll, Ryan (PI) 8/1/2017-7/31/2022

USUHS

*Optimizing a Multi-Modal Intervention to Reduce Health-Risking Sexual Behavior*

The major goals of this project are to adapt and evaluate intervention strategies that aim to reduce health-risking sexual behavior in active-duty military populations.

Role: Biostatistician

1K23AT010099-01A1 Dunne, Eugene (PI) 4/15/2019-3/31/2024

NIH/NCCIH

*Tai Chi Intervention to Improve Chronic Pain Management for Adults with HIV*

The major goal of this project (K23) is to gain the knowledge and skills necessary to become an independently-funded mind-body researcher focused on chronic pain in the context of HIV.

Role: Collaborator

1R01MH119892-01A1 Nelson, Kimberly (PI) 12/25/2019-11/30/2024

NIH/NIMH

*Minor Consent Laws and HIV Prevention Among Adolescents in the United States*

The overarching aim of the proposed study is to understand how state-specific minor consent laws are affecting HIV/STI testing and other preventive behaviors among adolescents.

Role: Co-Investigator/Biostatistician

1R01DK120731-01-01 Lillis, Jason (PI) 04/1/2019-03/31/2024

NIH/NIMH

*Teaching Novel Value-Based Skills to Improve Long-Term Weight Loss: A Randomized Trial Examining the Efficacy of a Weight Loss Maintenance Intervention Based on Acceptance and Commitment Theory*

This randomized controlled trial will determine whether principles of acceptance and commitment therapy can be used to improve weight loss maintenance after behavioral obesity treatment.

Role: Co-Investigator/Biostatistician

1R01AG069349-01 Williams, David (PI) 09/15/20-08/31/2025  
NIH/NIAAA

*Comparing A Recommendation For Self-Paced Versus Moderate Intensity Physical Activity For Midlife Adults: An RCT*

To compare the effects of an explicit recommendation for self-paced PA versus a traditional intensity-based exercise prescription (based on heart rate range) on PA behavior among previously low-active overweight midlife adults.

Role: Co-Investigator/Biostatistician

1R01HL149672-01 Salmoirago-Blotcher, Elena (PI) 03/01/2020-02/28/2025  
NIH/NHLBI

*Heterogeneity And Predictors Of Stress Reactivity In Takotsubo Syndrome*

The goals of this project are to study the role of stress and stress reactivity in Takotsubo Syndrome.

Role: Co-Investigator/Biostatistician

1R01HD104187Ranney,Megan,Nugent,Nicole(MPI) 09/18/2020-08/31/2025  
NIH / NICHD

*Social Media, Violence, and Social Isolation Among At-Risk Adolescents: Exploring Ground Truth*

This innovative 6-month cohort study will use multiple methods of real-time measurement of social media use, in-person interactions, and self-perceptions to identify patterns of social connectivity, peer victimization, and psychological well-being among a high-risk sample of adolescents. Results will inform future in-person and population-level interventions for youth, parents, and communities. Role: Co-Investigator/Biostatistician

1R34DA046078-01A1 Japuntich, Sandra (PI) 12/1/19-11/30/220.36 CM  
NIH/NIDA

*Implementation of Cessation Treatment in Community Based Mental Health Centers*

The proposed study adapts the Addiction Technology Transfer Centers Science to Service Laboratory implementation strategy to implement proactive, chronic care based tobacco cessation treatment strategy into community-based mental health centers. Role: Co-Investigator/Biostatistician

U01AT011184 Bock, Beth (PI) 06/04/2021-05/31/2024  
NIH/NCCIH

*Establishing Multi-Site Feasibility and Fidelity of Yoga to Improve Management of Type-2 Diabetes*

To optimize a yoga intervention for adults with diabetes and to establish our ability to deliver and enhanced yoga intervention with high fidelity across multiple recruitment and intervention sites.

Role: Co-Investigator/Biostatistician

R03CA252500 Benitez, Tanya (PI) 07/01/2021-06/30/2023

NIH

*Increasing aerobic and muscle-strengthening physical activity in Latinas via interactive web-based technology*

To address the lack of interventions promoting muscle-strengthening activities exclusively for Latinas, we are testing the preliminary efficacy of a culturally and linguistically relevant, web-based aerobic plus muscle-strengthening PA intervention in this at-risk population. Our web-based intervention provides a more comprehensive and highly disseminable approach for reducing PA-related health disparities in Latinas.

Role: Co-Investigator/Biostatistician

R01CA262894 Williams, David and Galarraga Omar (MPI) 07/15/2021-06/30/2026

NIH

*Empirical testing of a widely available insurance-based monetary incentive program for exercise: A randomized trial*

We propose to conduct a randomized controlled trial to test two different financial incentive programs (versus control) to promote physical activity among 330 low-active adults.

Role: Co-Investigator/Biostatistician

R34AT011302-01A1 Williams, David(PI) 08/15/2021-07/31/2023

NIH

*Early phase clinical trial to test the feasibility of an ACT-based physical activity promotion program for adults with depressive symptoms*

The aims of this project are to conduct a feasibility trial of an 8-week ACT-based PA promotion intervention (ACTivity) for low-active adults with elevated depressive symptoms delivered at local YMCAs.

Role: Co-Investigator/Biostatistician

R01HD106635 Ybarra, Michelle, Nelson, Kimberly (MPI) 09/01/2021-08/31/2024

NIH

*Adolescent health behaviors in the time of COVID-19*

This project's overarching goal is to investigate how the COVID-19 pandemic is impacting short- and long-term sexual health behaviors among adolescents in the United States.

Role: Co-Investigator/Biostatistician

R01HL156277 Koinis-Mitchell, Daphne & Marshall, Gailen(MPI) 08/15/2021-07/31/2026

NIH

*Impact of Sleep Duration on Immune Balance in Urban Children with Asthma*

To examine the associations between shortened sleep and immune imbalance, recovery sleep and immune imbalance and immune imbalance and lung function in a sample of 204 8-9 year olds with persistent asthma.

Role: Co-Investigator/Biostatistician

R01MH128269-01 Mitchell, Kimberly(PI) 09/13/2021-06/30/2026

NIH

*Understanding Bystanders for Self-Directed Violence Prevention: A Prospective National Study Highlighting Marginalized Youth and Young Adults*

To recruit and survey 3,000 adolescents and young adults over three time points to identify the pathways through which attitudinal and contextual components of the SCM-SDV predict a) opportunity to act, b) intent to act, and c) actual bystander behavior for SDV.

Role: Co-Investigator/Biostatistician

P20GM139767 Stroud, Laura (PI) 09/15/2021-07/31/2026

NIGMS

*Stress, Trauma, Resilience: Technology, Assessments, Data and Analysis (TADA) Core*

Provide statistical support for included investigator projects as well as future pilot investigations. She will aid in the development and execution of statistical models, provide guidance on measurement selection, study design and data collection and aid in the interpretation of study results.

Role: Co-Investigator/Biostatistician

U01 HD108738 Ybarra, Michelle (PI) 09/01/2021-08/31/2026

NIH/NICHD

*Harnessing the power of text messaging to reduce HIV incidence in adolescent males across the United States*

Oversee all statistical aspects of the project, including development of statistical models for data analysis and will contribute to the scientific reports and manuscripts based on the results of the study. She will collaborate with study staff, including data management, to provide support on coding data, analysis and scientific abstracts and presentations.

Role: Co-Investigator/Biostatistician

1R01MD016241-01 Grigsby-Toussaint, Diana(PI) 09/01/2021-08/31/2026

NIMH

*Green Space, Mental Health and Sleep*

Findings from this study will allow us to determine (1) how green space utilization (GPS-derived measures of daily activity and environmental features) is related to sleep (duration, timing, regularity) in children, (2) Determine whether greenspace utilization is associated with mental health and wellbeing via sleep behaviors and (3) Explore the potential epigenetic contribution of greenspace on sleep and wellbeing in children across Rhode Island.

Role: Co-Investigator/Biostatistician

R01DK128412 Demos McDermott, Kathryn (PI) 09/23/2021-08/31/2026

NIH

*Adapting Episodic Future Thinking for Behavioral Weight Loss: Comparing strategies and characterizing treatment response*

To examine intervention effects (comparing standard, PREVENT, and PROMOTE) on weight loss from baseline to mid-treatment (3 and 6 months), end of treatment (12 months) and follow-up (18 months).

Role: Co-Investigator/Biostatistician

1R01DK128197 Keita, Akilah & Gans, Kim (MPIs) 03/07/2022-02/28/2025

NIDDK

*Testing a Multilevel, Multicomponent, Multigenerational Dietary Intervention to Improve Southeast Asian Children's Diets*

Relative to other racial/ethnic groups, Southeast Asian (SEA) children (specifically Hmong, Cambodian, Vietnamese and Laotian) experience higher rates of diet-related chronic diseases like type 2 diabetes risk factors. We will leverage our a longstanding partnership with the Center for SEA to test the feasibility and preliminary efficacy of an innovative multilevel, multicomponent, multigenerational dietary intervention with SEA families with children ages 6 to 11. This intervention integrates family-based nutrition education, motivational interviewing, descriptive dietary norms messaging, and healthy eating financial incentive coupons to improve children's diet quality (primary) and body mass index and HbA1c (secondary).

Role: Co-Investigator/Biostatistician

R21AA030523 Ramsey, Susan (PI) 07/01/2022-06/30/2024

NIH

*Alcohol Use, Intimate Partner Violence, and ART Adherence among Men Living with HIV who Have Sex with Men*

Role: Co-Investigator/Biostatistician

R01AT011744 Yeh, Gloria (PI) 09/05/2022-008/31/2025

NIH

*Tai Chi Exercise and Wearable Feedback Technology to Promote Physical Activity in ACS Survivors*

To study a multi-level intervention (TC-Wearable) that includes group-based TC classes (remotely delivered to increase access and potential scalability) and an individual wearable device with iterative feedback to promote PA in physically inactive patients with prior ACS.

Role: Co-Investigator/Biostatistician

P20GM139743 Wolff, Jennifer (PI) 06/01/2022-02/28/2023

NIH

*COBRE Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health - PBC.*

To provide statistical support to COBRE projects and investigators associated with this project.

Role: Biostatistician

R01AG076438, Salmoirago-Blotcher, Elena (PI) 04/01/2022-03/31/2027

NIH

*Targeting Cognitive Function and interoceptive awareness to improve self-management in patients with co-morbid heart failure and cognitive impairment*

Role: Co-Investigator/Biostatistician

R34HL165716, Gathrigh, Emily(PI) 08/15/2023-07/31/2025

NIH

*Multisite Feasibility of BA-HD: an integrated depression and behavioral risk factor reduction coaching program following acute coronary syndrome*

Role: Co-Investigator/Biostatistician

R01AT011868, Unick, Jessica (PI) 07/03/2023-06/30/2028

NCCIH

*A remote-based yoga intervention for improving long-term weight loss*

Role: Co-Investigator/Biostatistician

R01AA031213, Shorey, Ryan (PI) 08/17/2023-05/31/2028

NIAAA

*The Impact of Minority Stress on Alcohol-Related Sexual Assault among Sexual Minority College Students: An Intersectional, Mixed-Methodological Study*

Role: Co-Investigator/Biostatistician

R01DA059469, Caraskadon, Mary, Rich, JD (MPI)

NIH

*Investigating Mechanisms Underpinning Outcomes in People on Opioid Agonist Treatment for OUD: Disentangling Sleep and Circadian Rhythm Influences on Craving and Emotion Regulation*

Role: Co-Investigator/Biostatistician

### **Completed Grants**

R0HL064342 (PI B. Marcus) 05/01/06-10/31/11(NCE)

NHLBI

*Achieving Physical Activity Guidelines Through an Enhanced Print Intervention*

This study will test an enhanced version of our individually tailored print intervention in an attempt to help a larger percentage of participants achieve the national recommendations for physical activity participation.

Role: Co-I/Statistician

5R01DA021729-04 (PI B. Marcus)09/29/06-04/30/12(NCE)

NIDA

*Using a YMCA Exercise Program to Enhance Nicotine Dependence Treatment for Women*

This study will test the efficacy of our CTQ smoking cessation program when delivered in local YMCAs by YMCA staff. This is a necessary intermediate step toward dissemination of our efficacious smoking cessation treatment for women and is consistent with Stage III behavioral research as defined in PA-03-126.

Role: Co-I/Statistician

1R34DA031057-01 (R. Cohen, PI) 9/30/10-08/31/12

NIDA

*Improving Adherence and Cognition in Substance-Using HIV Patients*

Substance abuse in the context of HIV infection is a major problem that affects clinical outcome and interferes with adherence to treatment regimens. This study examines the value of a computer-based cognitive training program (Vigorous Mind) to enhance attention and executive functioning as a means of improving organizational and planning ability and ultimately treatment adherence.

Role: Co-I/Statistician

5R18DK075371 (S. McGarvey, PI) 9/15/06-07/31/12

NIDDK

*Diabetes Care in American Samoa*

This project will test the effectiveness of a Community Health Worker and primary-care coordinated intervention to provide outreach, education and support to type 2 diabetes patients and their families in American Samoa.

Role: Co-I/Statistician

5R01NR011295-04 (B. Marcus, PI) 09/01/09–05/31/13

NINR

*Culturally and Linguistically Adapted Physical Activity Intervention for Latinas*

The purpose of the study is to promote physical activity among this at-risk population using a high-reach, low-cost strategy, which has great potential for adoption on a larger scale and thus high potential for reducing existing health disparities in the U.S.

Role: Co-I/Statistician

5R33MH080591-05 & Supplement: (R21) 09/28/06-08/31/08;(R33) 09/01/08–12/31/12  
(NCE)

(K. Morrow, PI)

NIMH

*Linking Biophysical Functions of Microbicides to user Perception & Acceptability*

To explore the potential link between specific omnibus measures of microbicide formulation properties and similarly omnibus scale measures of women's experiences with those formulations.

Role: Co-I/Statistician

5R01CA132854-05(B. Pinto, PI) 01/01/09–11/30/13

NCI

*Community Volunteers Promoting Physical Activity Among Cancer Survivors*



To determine the effects of Reach to Recovery (RTR) volunteers at American Cancer Society (ACS) offices providing brief physical activity (PA) counseling via telephone (RTR Plus) over 12 weeks to 108 women who contact collaborating ACS offices (3 offices) for RTR services.

Role: Co-I/Statistician

5R33AI076967-05 (K. Morrow, PI)11/01/09-02/28/13 (NCE)

ImQuest/NIAID

*Rational Development of Combination Microbicide Therapies*

The aim of this project is to explore the potential link between specific omnibus measures of microbicide formulation/device (i.e., topical vaginal gels and quick-dissolving vaginal film) properties and similarly omnibus scale measures of user's experiences with those formulations.

Role: Co-I/Statistician

5R03CA153942-02 (S. Dunsiger, PI)07/22/10-06/30/13 (NCE)

NIH/NCI

*Statistical Methods for Assessing Patterns of Change in Cancer-Control Behavior*

To develop intensive longitudinal models specifically designed for detecting patterns of behavior change in cancer-control trials.

Role: Principal Investigator

R21HL114083((R. Gaskins, PI) 5/1/12-10/31/14 (NCE)

NIH/NHLBI

*Helping Ethnically Diverse Teen Moms Prevent Obesity in Their Preschool Children*

To adapt parenting and obesity prevention treatments for adolescent mothers to help prevent obesity in their young children.

Role: Co-I/Statistician

5R01CA137616-06 (PI, B. Borrelli. S. Dunsiger assumed PI role in 2015) 7/1/2009-2/29/2016

NIH/NCI

*Motivating Smokers with Mobility Impairments to Quit Smoking*

The aim of this project is to use community based participatory research to develop and produce a theory-based DVD for smoking cessation that is tailored for smokers with mobility impairments, and test the efficacy in a randomized clinical trial.

Role: Co-I/Principal Investigator(took over for last 2 years when PI transferred institutions).

13CRP13340001 (E. Salmoirago-Blotcher)3/1/2014-12/31/2015

AHA

*Long-Term Prognosis, Predisposing Factors And Psychological Characteristics Of Transient Stress Cardiomyopathy*

The aim of this pilot project is to study the prognosis and predisposing factors for the development of transient stress cardiomyopathy using a retrospective cohort and case-control design

Role: Co-Investigator

5R01CA159954-04 (B. Marcus, PI) 9/16/2011-7/31/2016

NIH/NCI

*Promoting Physical Activity in Latinas via Interactive Web-based Technology*

The goal of this study is to test the efficacy of a Spanish-language, culturally and linguistically adapted, individually tailored, Internet-based physical activity intervention on physical activity levels.

Role: Co-Investigator

5R01CA155381-05(D. Williams, PI) 02/01/11-01/31/17 (NCE)

*Efficacy of Brisk Walking as a Smoking Cessation Treatment Adjunct Among Women*

This study will compare adherence rates to self-paced exercise versus prescribed moderate intensity exercise among sedentary, overweight and obese adults.

Role: Co-Investigator/Biostatistician

5R34AT007569-04(E. Salmoirago-Blotcher PI) 03/1/2014-05/31/2017

NIH/NCCIH

*Development Of A Tai Chi Program To Overcome Barriers To Cardiac Rehabilitation*

The aim of this study is to develop, manualize and pilot-test a Tai Chi Intervention to promote physical activity in patients not attending traditional cardiac rehabilitation programs.

Role: Co-Investigator/Biostatistician

5R01MH096748-04(B. Lewis, PI) 09/21/12-05/31/17

*Effect of Exercise and Wellness Interventions on Preventing Postpartum Depression*

The purpose of this proposal is to examine the efficacy of exercise and wellness/support interventions for preventing postpartum depression

Role: Co-Investigator/Biostatistician

1R56HL131711-01A1(Busch PI) 9/1/2016-8/31/2017

NIH/NHLBI

*Integrated Smoking Cessation and Mood Management for ACS Patients*

The primary aim of this project is to conduct a vanguard trial in advance of a fully powered trial to test whether a combined mood management and smoking cessation counseling intervention can improve outcomes following a cardiac event.

Role: Co-Investigator/Biostatistician

5R01HL109116-05(B. Bock, PI) 09/01/11–05/31/17

NHLBI

*Efficacy of Exercise Videogames for Physical Activity Adoption and Maintenance*

For the proposed study we will conduct a 3-group RCT to test the efficacy of EVGs compared to a standard exercise program (Standard) and contact-control (Control) to increase time spent in PA and changes in physical fitness and cardiovascular health.

Role: Co-Investigator/Biostatistician

2R01NR011295-05(B. Marcus, PI) 07/21/09-07/31/19

*Seamos Saludables: Culturally and Linguistically Adapted Physical Activity Intervention for Latinas*

This application is a renewal of a successful R01 project to test the efficacy of an enhanced intervention aiming to increase moderate to vigorous physical activity (MVPA) in Mexican American women

Role: Co-Investigator/Biostatistician

4K23MH095866-05 (M. Ranney, PI) 04/1/2013-02/28/2018

NIH/NIMH

*Text-Message-Based Depression Prevention for High-Risk Youth in the ED*

To explore the effect of a single-session in-ED + 8 week longitudinal text-message program ("ED+text") to reduce depressive symptoms, for adolescent ED patients with depressive symptoms and a history of peer

Role: Biostatistician

5R21HD088739-02 (M. Ranney, PI)08/05/16-08/31/18

NICHHD

*Bullying Prevention Intervention for Adolescent Primary Care Patients*

This project will use a two-part strategy to develop an innovative technology-augmented cyber-victimization prevention intervention for adolescents identified during a pediatric well-child visit.

Role: Co-Investigator/Biostatistician

(E. Salmoirago-Blotcher, PI) 04/1/2016-03/31/2017

TMH & Norman Prince Neurosciences Institute

*Exploring Synergistic Effects of Aerobic Exercise and Mindfulness Training on Cognitive Function in Older Adults: A Pilot Study*

The purpose of this project is to study the feasibility, acceptability and to obtain preliminary estimates of efficacy of a combined Mindfulness + Aerobic Exercise intervention, vs. either alone, or none in improving cognitive function in 40 older adults with cognitive impairment.

Role: Data Analyst

4K24HD062645-05 (K. Guthrie, PI) 04/1/2012-03/31/2018

NIH/NICHD

*Advancing Reproductive Health: Qualitative Methods & Interdisciplinary Mentorship*

Aims: 1) To expand the PI's research from a primary focus on HIV prevention to a broader sexual and reproductive health focus, and 2) advance the PI's scholarly role in the use of mixed methods research for health promotion sciences by mentoring fellows and junior investigators in patient oriented research.

Role: Biostatistician

5R01HL109116-05 (B. Bock, PI) 9/1/2011-5/31/2018

NIH/NHLBI

*Efficacy of Exercise Videogames for Physical Activity Adoption and Maintenance*

For the proposed study we will conduct a 3-group randomized, controlled trial among healthy, sedentary adults (age =18), to test the efficacy of EVGs compared to a standard exercise program (Standard) and contact-control (Control) to increase time spent in PA and changes in physical fitness and cardiovascular health. We will also examine maintenance of PA and fitness changes during a 6-month home based EVG and Standard interventions (Months 4-9). This study will also examine changes in theoretically-based constructs that will shed light on the cognitive and behavioral mechanisms underlying observed between-group differences in adherence to PA.

Role: Co-Investigator

4R01AT006948-05 (B. Bock, PI) 7/1/2012-3/31/2018

NIH/NCCIH

*Efficacy of Yoga as an Alternative Therapy for Smoking Cessation*

The proposed study will test the efficacy of Yoga as a complementary therapy for smoking cessation in a randomized, controlled 2-group study design. Adult smokers will be provided with smoking cessation counseling (SCC) and randomly assigned to either; 1) Yoga, or 2) a Control group (CTL) given a Health & Wellness program to control for contact time. Smoking abstinence will be measured at the end of treatment and at 3, 6 and 12 months follow-up. We hypothesize that abstinence will be significantly higher in the SCC+Yoga compared to SCC+CTL. We will also test theoretically posited mediators of intervention efficacy (e.g., perceived stress, cognitive/perceptual changes), and explore

the relationship between maintenance of yoga practice during the post-treatment period and smoking status. This study builds on our programmatic line of research developing innovative, theory driven smoking cessation therapies.

Role: Co-Investigator

HIS-1306-02960 Amend 5 (T. Green, PI) 3/1/2014-5/31/2018

PCORI

*Optimizing Patient Engagement in a Novel Pain Management Initiative (OPEN)*

This study has two aims: to identify what helps to keep patients involved with the CPI program and to identify features of an ideal text-message-based program for people enrolled in the CPI. The second aim is to develop the text-message-based program (OPENtext), then find out how useful this intervention is compared to a patient navigator intervention (OPENnav) for increasing patient engagement, improving patient's motivation to manage their chronic pain, and improving patient confidence in self-managing their chronic pain condition.

Role: Biostatistician

5R34AT008930-03 (M. Carey, E. Salmoirago-Blotcher, MPI) 08/01/15-07/31/19

NCCIH

*Mindfulness Training to Improve ART Adherence and Reduce Risk Behavior among Persons Living with HIV*

This research will investigate whether mindfulness training is feasible and acceptable to people living with HIV, and whether it facilitates adherence to antiretroviral therapy and sexual risk reduction.

Role: Co-Investigator/Biostatistician

5U54GM115677-03 (S. Dunsiger, B. Bock, MPI) 05/01/18-04/30/19

NIGMS

*Exploring Second-to-Second Exercise Intensity and Disease Risk Outcomes*

This study will use state-of-the-art analytical methods to identify patterns of changes in HR in response to exercise using longitudinal high dimensional data.

Role: MPI

1R21NR016112-01A1 (J. Ciccolo, PI) 07/01/16-06/30/18

*Exploring the Effects of Strength Training on Depression and Cardiovascular Risk in Black Men*

The major goals of this project are to explore the acceptability, feasibility, and initial efficacy of strength training as a treatment for depression in black men.

Role: Consultant/Biostatistician)

4R01HL117345-04 (J. Ciccolo, PI) 04/01/13-03/31/18

NIH-NHLBI

*Efficacy of Resistance Training as an Aid to Smoking Cessation Treatment*

The goal of this study is to examine the efficacy of resistance training on smoking cessation among adult men and women.

Role: Consultant/Biostatistician)

5R34HL135073-02, NHLBI Koinis-Mitchell, Daphne (PI) 09/01/17-06/30/20

*A Sleep Hygiene Intervention to Improve Sleep Quality in Urban, Latino Middle School Children*

Role: Co-Investigator/Biostatistician

1R21CA224609-01A1, NCI Williams, David (PI) 05/01/18-03/31/20

*Physical Activity Promotion Based on Positive Psychology: Development and Piloting of a Novel Intervention Approach*

The major goal of this project is to develop a text-message delivered intervention based in positive psychology principles to promote physical activity.

Role: Co-Investigator/Biostatistician

RI Commerce Corp/VITAE Becker, Bruce (PI) 01/01/18-1/30/2020

*The Efficacy of Lower Dose Zolpidem for Achieving Satisfactory Sleep in Women with Disordered Sleep*

Role: Co-Investigator/Biostatistician

7R01NR011295-08, NINR, Marcus, Bess (PI) 07/21/09-07/31/20

*Culturally and Linguistically Adapted Physical Activity Intervention for Latinas*

This application is a renewal of a successful R01 project to test the efficacy of an enhanced intervention aiming to increase moderate to vigorous physical activity (MVPA) in Mexican American women.

Role: Co-Investigator/Biostatistician

1R21HL140492-01 Salmoirago-Blotcher, Elena (PI) 5/25/2018-4/30/2021

NIH/NHLBI

*Exploring the Role of Mindfulness Training in the Promotion of Medication Adherence in Heart Failure Outpatients*

The major goal of this projects is to explore the feasibility and the effect of mindfulness training in improving medication adherence among patients with heart failure.

Role: Co-Investigator/Biostatistician

1R21DA045182-01A1 Farris, Samantha (PI) 9/1/2018-8/31/2021

NIH/NIDA

*Daily-Level Analysis of Ovarian Hormones, Smoking, and Anxiety*

The goal of this project is to identify the daily associations between fluctuating ovarian hormones, anxiety vulnerability, and nicotine reinforcement in female smokers using a longitudinal, ecological momentary assessment design.

Role: Co-Investigator / Biostatistician

SMAHRT TAM Ranney, Megan (PI) 7/1/2019-6/30/2021

University of Wisconsin

*IMPACT (Intervention Media to Prevent Adolescent Cyber-conflict through Technology)*

IMPACT consists of: 1) a brief, remote intervention (an introduction to emotional regulation and cognitive restructuring skills; motivational interviewing to enhance participants' self-efficacy in the face of victimization); and 2) eight weeks of automated, interactive, personalized text messages (a pre-determined curriculum, tailored to both baseline characteristics and daily mood and online experiences).

Role: Co-Investigator/Biostatistician

## UNIVERSITY TEACHING AND MENTORING ROLES

2012	Mentor	Sr. Independent Study, Natalie Berner, Brown University
2012-2013	Advisor	MPH Thesis Advisory, Ashley Riley, Brown University
2013	Reader	Bio Honors Thesis, Michelle, Le, Brown University
2013-2014	Research Supervisor	Psychology Resident, Jessica Ford, Brown University
2014- Present	Faculty Small Group Leader	PHP 2507/2508, Brown University
2015-2018	Mentor	PhD Student, Sanaz Nosrat, Columbia University
2016-2017	Research Supervisor	Psychology Resident, Alexander Sokolovsky, Brown University
2017-2018	Supervisor	MPH Internship, Christina Martone, Brown University
2016-2016	Co-mentor	T32 Postdoctoral Fellow, Lauren Connell, Brown University
2017-2018	Thesis Reader	MPH Student, Laura Alison-Woods, Brown University
2017-2019	Dissertation Committee Member	PhD, Jessica Emerson, Brown University
2017-2019	Dissertation Committee Member	PhD, Harold Lee, Brown University

2017-2018	Instructor	Statistics for Health Care Professionals, SNHU, COCE
2018- present	Instructor	Biostatistics, SNHU, COCE
2018- Present	Instructor	Basic Statistics, Roger Williams University
2018-2019	Instructor	Independent Study Longitudinal Data Analysis, Brown University
2019	Instructor	Biostatistics, Roger Williams University
2019-2020	Co-Supervisor	Psychology Resident, Deanna Kaplan
2019-2021	Thesis Reader	AB/MPH, Mykaila Shannon, Brown University
2019-2020	Thesis Reader	Galen Hu, Brown University
2019-2020	Thesis Reader	Isabelle Moseley, Brown University
2019-2020	Thesis Advisory	MPH, Elana Pearl Ben-Joseph, Brown University
2019-2020	Reader	Betty Czitrom, Brown University
2020-2020	Thesis Advisor	Elizabeth Peck, Brown University
2020-2022	Instructor	Applied Regression Analysis, Brown University
2020- present	Instructor	Principles of Biostatistics and Data Analysis, Brown University
2020-2020	Thesis Advisor	MPH, Alice Hamblett, Brown University
2020-2021	Thesis Reader	Kathleen Kuesters, Department of Epidemiology, Brown University
2020-2021	Thesis Advisor	MPH, Gauri Gadkari, Brown University
2020-2021	Thesis Advisor	MPH, Miriam George, Brown University
2020- present	Mentor	F32 Postdoctoral Research Fellow, Deanna Kaplan, Brown University
2021- present	Mentor	F32 Postdoctoral Research Fellow, Lisa LaRowe, Brown University
2020-2021	Co-Mentor	Psychology Resident, Ryan Rahm-Knigge
2021-2022	Thesis Advisor	MPH, Caleb Brodie, Brown University
2021-2022	Thesis Reader	MPH, Ellie Rogoff, Brown University



2021-2022	Capstone Advisor	Hannah Sizelove, Brown University
2022-2023	Thesis Reader	Caroline Bugbee, Brown University
2022-2023	Thesis Reader	Amy Zhang, Brown University
2022-2023	Thesis Reader	Owen Manahan, Brown University
2022-2023	Thesis Advisor	Donna Ellaham, Brown University
2022-2023	Thesis Advisor	Sarah Fischbach, Brown University
2022-2023	Thesis Advisor	Yifei Gao, Brown University
2022-2023	Thesis Advisor	Kimberly Piontkowski, Brown University
2022-2023	Thesis Reader	Joyce Sunday, Brown University
2022-2024	Dissertation Committee	William Nardi, Brown University
2023-2024	Thesis Advisor	Hannah Reale, Brown University
2023-2024	Thesis Advisor	Alyssa Amidei, Brown University
2023-2024		
2023-present	Thesis Advisor	Erum Choudry, Brown University
2023-2024	Thesis Reader	Kerri Connolly, Brown University
2023-2024	Thesis Advisor	Senay Gokcebel, Brown University
2023-2024		
2023-2024	Thesis Advisor	Elliot Harrison-Lee, Brown University
2023-2024	Thesis Reader	Rosemelly Jimenez Medal, Brown University
2023-2024		
2023-2024	Thesis Advisor	Zhenhuan Li, Brown University
2023-2024	Thesis Reader	Stephanie Munthe, Brown University

2023-2024	Thesis Advisor	Flora Song, Brown University
2023-2024	Thesis Advisor	Lovisa Werner, Brown University
2024-present	Secondary Advisor	Alysandra Zhang, Brown University
2024-present	Secondary Advisor	Ashlynn Ruleman, Brown University
2024-present	Dissertation Committee	Amelia Bailey, Brown University
2024-present	Dissertation Committee	Lila Chamlagai, Brown University
2024-present	Dissertation Committee	Ugoji Nwanaji-Enwerem, Brown University
2024-present	Dissertation Committee	Ralph Welwean, Brown University