

MAURA MOHLER KEPPER, Ph.D.

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Washington University in St. Louis

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EDUCATION

July 2018 – June 2019	Postdoctoral Fellowship Brown School, Washington University in St. Louis, St. Louis, MO
Aug 2016 – May 2018	Postdoctoral Fellowship Pennington Biomedical Research Center, Baton Rouge, LA
May 2016	Ph.D., Behavioral & Community Health; Epidemiology Minor Louisiana State University Health Sciences Center, New Orleans, LA
May 2012	Master of Public Health, Behavioral & Community Health Louisiana State University Health Sciences Center, New Orleans, LA
May 2010	B.A., Urban Studies Rhodes College, Memphis TN

PROFESSIONAL EXPERIENCE

2025-present	Tenure-Track Assistant Professor School of Public Health Washington University in St. Louis
2023-2025	Tenure-Track Assistant Professor The Brown School Washington University in St. Louis
2019-2023	Research Assistant Professor The Brown School Washington University in St. Louis
2012-2016	Research Assistant Scientists for Translational Obesity Research in Youth (STORY) team Metabolic and Social Determinants of Obesity in Developing Youth study (PI: Melinda Sothorn), Study Coordinator Louisiana State University Health Sciences Center
2013	Summer Research Intern Healthy Weight Commitment Foundation Washington, D.C.
2010-2012	Louisiana Comprehensive Cancer Control Program Louisiana Fit Colon Program and Physician Detailing Program Louisiana State University Health Sciences Center

2011 Summer Research Intern
Carolina Community Network
University of North Carolina at Chapel Hill

2008-2009 Research Assistant
Department of Urology
Roswell Park Comprehensive Cancer Center

HONORS AND FELLOWSHIPS

2023 Faculty Transformational Leadership Institute, Office of the Provost, Washington University in St. Louis

2022 Distinguished Service Award, Society for Behavioral Medicine

2021 Diversity Institute for Emerging Leaders, Society for Behavioral Medicine

2016 Distinguished Dissertation Award, Louisiana State University Health Sciences Center School of Public Health

2012 Delta Omega Honorary Public Health Society

2012 Behavioral and Community Health Sciences Best Master's Thesis, Louisiana State University Health Sciences Center School of Public Health

PEER-REVIEWED PUBLICATIONS

Total- 44, First Author- 20

Refereed Journal Articles

1. Salerno EA, Parrish L, Harris C, Andrade DC, Peterson LL, Marx CM, Duncan RP, Luo J, **Kepper MM**, Anbari AN, Politi MC. Patterns of change in mental and cognitive symptoms in the perioperative breast cancer setting: Results from ecological momentary assessments. *Cancer Medicine*. In review.
2. McLoughlin G, Yohannes Y, Kerstetter M, Martinez O, Dopp A, Fisher J, **Kepper MM**, Tabak RG, Brownson RC. Designing for Dissemination Through Community Advisory Board Engagement in an Implementation Mapping Process: A Case Study. *J Clin Trans Sci*. Published online 2025. 1-29. doi: [10.1017/cts.2025.10065](https://doi.org/10.1017/cts.2025.10065)
3. Crenshaw D, Wang Y, Favarão Leão AL, **Kepper MM**, Gierbolini-Rivera RD, Reis R. Community Perspectives on Livability Metrics: Insights Using Designing for Dissemination and Sustainability. *Cities & Health*, 1-8. <https://doi.org/10.1080/23748834.2025.2526875>
4. **Kepper MM**, Walsh-Bailey C, Parrish L, Mackenzie A, Klesges L, Allen A, Davis KL, Foraker R, Brownson RC. Adaptation of a digital health intervention for rural adults: Application of the Framework for Reporting Adaptations and Modifications-Enhanced (FRAME). *Front Digit Health*. Feb 2025; 7. doi:[10.3389/fdgth.2025.1493814](https://doi.org/10.3389/fdgth.2025.1493814) PMID: 40041126 PMCID: PMC11876167
5. Salerno EA, Harris C, Andrade DC, Peterson LL, Marx CM, Duncan RP, Luo J, **Kepper MM**, Anbari AN, Politi MC. Lessons learned from an observational study of patients with breast cancer: Adaptions for remote implementation. *Journal of Supportive Care in Cancer*. 33, 266. <https://doi.org/10.1007/s00520-025-09323-x> PMID: 40067570 PMCID: PMC11897115

6. **Kepper MM**, Gierbolini-Rivera R, Weaver KE, Foraker RE, Dressler EV, Nightingale CL, Aguilar AA, Wiseman KD, Hanna J, Throckmorton AD, Craddock Lee S. Multi-level factors influence the use of a cardiovascular disease assessment tool embedded in the electronic health record in oncology care. *Transl Behav Med.* Jan 2025; 16, 15(1). doi: 10.1093/tbm/ibae058. PMID: 39671696 PMCID: PMC11756333
7. Nightingale CL, Dressler EV, **Kepper MM**, Klepin HD, Craddock Lee S, Smith S, Aguilar AA, Wiseman KD, Sohl SJ, Wells BJ, Demari JA, Throckmorton AD, Kulbacki LW, Hanna J, Foraker RE, Weaver KE. Oncology provider and patient perspectives on a cardiovascular health assessment tool utilized during post-treatment survivorship care in community oncology (mixed method results from WF-1804CD). *JMIR.* Jan 2015; 16, 15(1). doi: 10.1093/tbm/ibae058. PMID: 39854647; PMCID: PMC11926453.
8. **Kepper MM**, L'Hotta A, Shato T, Kwan BM, Glasgow RE, Luke D, Graham AK, Baumann AA, Brownson RC, Morse B. Supporting teams with designing for dissemination and sustainability: The design, development, and usability of a digital interactive platform. *Implement Sci.* Dec 2024; 19; 82.doi.org/10.1186/s13012-024-01410-7. PMID: 38853949; PMCID: PMC11160915.
9. Abrams CM, Davila N, Badawy SM, Marks S, **Kepper MM**, Gibson R, King AA, Gordeuk C, Nwosu C, Li S, Glassberg JA, Klesges, Shah N, Brambilla D, Hankins JS. Factors on influence engagement with adherence-enhancing mobile health in sickle cell disease. *BMC Digital Health.* Dec 2024. 2, 81. <https://doi.org/10.1186/s44247-024-00138-0>.
10. Bucher A, Chaudhry BM, Davis JW, Lawrence K, Panza E, Baqer M, Feinstein RT, Fields SA, Huberty J, Kaplan DM, Kusters IS, Materia FT, Park SY, **Kepper MM**. How to design equitable digital health tools: A narrative review of design strategies, case studies, and opportunities. *PLOS Digital Health.* Aug 2024; 22;3(8):e0000591. doi: 10.1371/journal.pdig.0000591. PMID: 39172776; PMCID: PMC11340894.
11. **Kepper MM**, Fowler LA, Kusters IS, Davis JW, Baqer M, Sagui-Henson SJ, Xiao Y, Tarfa A, Yi JC, Gibson B, Heron HE, Alberts NM, Burgermaster M, Njie-Carre VPS, Klesges LM. Expanding a behavioral view on digital health access: Drivers and strategies to promote equity. *J Med Internet Res.* Aug 2024;26:e51355. doi:10.2196/51355. PMID: 39088246; PMCID: PMC11327633.
12. **Kepper MM**, Walsh-Bailey C, Miller ZM, Zhao M, Zucker K, Herrick C, White NH, Brownson RC, Foraker RE. The impact of behavior change counseling delivered via a digital health tool versus routine care among adolescents with obesity: A randomized pilot feasibility study. *JMIR Form Res.* May 2024;8:e55731. doi: 10.2196/55731. PMID: 38758581; PMCID: PMC11143394.
13. Owens C, Chen J, Xu R, Angier H, Huebschmann AG, Ito Fukunaga M, Chaiyachati K, Rendle K, Robien K, DiMartino L, Amante D, Faro J, **Kepper MM**, Ramsey A, Bressman E, Gold R. Implementation of health information technology for cancer screening in U.S. primary care: A scoping review. *JMIR Cancer.* Apr 2024;10:e49002. doi: 10.2196/49002. PMID: 38687595; PMCID: PMC11094604.
14. **Kepper MM**, Walsh-Bailey C, Zhao M, Parrish L, Miller ZM, Glasgow RE, de las Fuentes L, Yan Y, Hayashi R, Brownson RC, Foraker RE. Satisfaction and effectiveness of a digital health tool to improve health behavior counseling among adolescent and young adult cancer survivors: A randomized controlled pilot trial. *BMC Digital Health.* Feb 2024; 2, 10 (2024). <https://doi.org/10.1186/s44247-024-00064-1>.
15. Salerno EA, Harriss C, Andrade DC, Peterson LL, Duncan RP, **Kepper MM**, Luo J, Creel P, Colditz GA. Exercise during chemotherapy to prevent breast cancer-related cognitive decline: Protocol for a pilot randomized controlled trial. *Front Cognit. Sec. Cognition and Movement.* Nov 2023. 2. <https://doi.org/10.3389/fcogn.2023.1289415>.

16. Shato T, **Kepper MM**, McLoughlin GM, Tabak RG, Glasgow RE, Brownson RC. Designing for dissemination among public health and clinical practitioners in the USA. *J Clin Transl Sci*. Dec 2023;8(1):e8. doi: 10.1017/cts.2023.695. PMID: 38384897; PMCID: PMC10877519.
17. Webster EK, **Kepper MM**, Saha S, Beyl RA, Kracht CL, St. Romain J, Staiano AE. Painted playgrounds for preschoolers' physical activity and fundamental motor skill improvement: A randomized controlled pilot trial of effectiveness. *BMC Pediatrics*. Sep 2023;23(1):455. doi: 10.1186/s12887-023-04260-2. PMID: 37689622; PMCID: PMC10492343.
18. Denstel KD, Beyl R, Danos DM, **Kepper MM**, Staiano AE, Theall KT, Tseng T, Broyles ST. An examination of the relationships between the neighborhood social environment, adiposity, and cardiometabolic disease risk in adolescence: A cross-sectional study. *BMC Public Health*. Aug 2023; 23, 1692. <https://doi.org/10.1186/s12889-023-16580-0>. PMID: 37658323; PMCID: PMC10472712.
19. Kroll C, Johnson M, **Kepper MM**, Verdecias N, Kreuter MW. 'I don't really pay attention to the racial stuff very much': An exploratory qualitative analysis of St. Louis residents' explanations of COVID-19's racial disparities. *Prev Chronic Dis*. Nov 2023;20:E100. doi: 10.5888/pcd20.230103. PMID: 37943728; PMCID: PMC10684286.
20. **Kepper MM**, Stamatakis KA, Mudd N, Deitch A, Terhaar A, Liu J, Gates E, Hampton A, Eyler AE. Implementing a communitywide collaboration to increase enrollment, retention, and success in evidence-based lifestyle change programs among minoritized communities. *Prev Chronic Dis*. Aug 2023;20:E67. doi: 10.5888/pcd20.220352. PMID: 37535902; PMCID: PMC10431923.
21. Salerno EA, Gao R, Fanning J, Gothe NP, Peterson LL, Anbari AB, **Kepper MM**, Luo J, James AS, McAuley E, Colditz G. Designing home-based physical activity interventions for rural cancer survivors: A survey of technology access and preferences. *Front Oncol*. Jan 2023;13:1061641. doi: 10.3389/fonc.2023.1061641. PMID: 36761969; PMCID: PMC9907024.
22. Tabak R, Colvin R, Strickland J, Dale AM, **Kepper MM**, Ruggeri T, Evanoff B. Impacts of a workplace-based weight-control intervention on objective and perceived physical activity among a subgroup of workers. *J Healthy Eat Act Living*. Aug 2022;2(2):73-87. doi:10.51250/jheal.v2i2.35.
23. **Kepper MM**, Walsh-Bailey C, Prusaczyk B, Zhao M, Herrick C, Foraker R. The adoption of social determinants of health documentation in clinical settings. *Health Serv Res*. Feb 2022;58(1):67-77. doi:10.1111/1475-6773.14039.
24. **Kepper MM**, Staiano AE, Broyles ST. The potential for bias across GPS-Accelerometer combined wear criteria among adolescents. *Int J Environ Res Public Health*. May 2022;19(10) doi:10.3390/ijerph19105931.
25. Eyler AA, Schmidt L, **Kepper MM**, Mazzucca S, Gilbert A, Beck A. Parent perceptions of changes in child physical activity during COVID-19 stay-at-home orders. *Front Public Health*. Jun 2021;9:637151. doi:10.3389/fpubh.2021.637151. PMID: 34164363. PMCID: 8215440
26. Eyler AA, Schmidt L, Beck A, Gilbert A, **Kepper MM**, Mazzucca S. Children's physical activity and screen time during the COVID-19 pandemic: A qualitative exploration of parent perceptions. *Health Behav Policy Rev*. May 2021;8(3):236-246. doi:10.14485/HBPR.8.3.5.

27. Gilbert AS, Schmidt L, Beck A, **Kepper MM**, Mazzucca S, Eyler A. Associations of physical activity and sedentary behaviors with child mental well-being during the COVID-19 pandemic. *BMC Public Health*. Sep 2021;21(1):1770. doi:10.1186/s12889-021-11805-6.
28. **Kepper MM**, Walsh-Bailey C, Brownson RC, Kwan BM, Morrato EH, Garbutt J, de las Fuentes L, Glasgow RE, Lopetegui M, Foraker RE. Development of a health information technology tool for behavior change to address obesity and prevent chronic disease among adolescents: Designing for dissemination and sustainment using the ORBIT model. Original Research. *Front Digit Health*. Mar 2021;3(23)doi:10.3389/fdgth.2021.648777.
29. Allen P, Pilar M, Walsh-Bailey C, Hooley C, Mazzucca S, Lewis CC, Metttert KD, Dorsey CN, Purtle J, **Kepper MM**, Baumann AA, Brownson RC. Quantitative measures of health policy implementation determinants and outcomes: A systematic review. *Implement Sci*. Jun 2020;15(1):47. doi:10.1186/s13012-020-01007-w.
30. **Kepper MM**, Staiano AE, Katzmarzyk PT, Reis RS, Eyler AA, Griffith DM, Kendall ML, ElBanna E, Denstel KD, Broyles ST. Using mixed methods to understand women's parenting practices related to their child's outdoor play and physical activity among families living in diverse neighborhood environments. *Health Place*. Mar 2020;62:102292. doi:10.1016/j.healthplace.2020.102292. PMID: 32479369. PMCID: 5201407.
31. **Kepper MM**, Myers CA, Denstel KD, Hunter RF, Guan W, Broyles ST. The neighborhood social environment and physical activity: A systematic scoping review. *Int J Behav Nutr Phys Act*. Dec 2019;16(1):124. doi:10.1186/s12966-019-0873-7.
32. Cahill LM, Fisher KA, Robinson WT, Beiter KJ, Zabaleta J, Tseng TS, **Kepper MM**, Skizim MK, Griffiths L, Uddo RB, Pelligrino NE, Maronge JM, Happel K, Scribner R, Sothern MS. Asthma status moderates the relationship between neighbourhood disadvantage and obesity in African American adolescent females. *Obes Sci Pract*. Dec 2019;5(6):564-569. doi:10.1002/osp4.370.
33. **Kepper MM**, Staiano AE, Katzmarzyk PT, Reis RS, Eyler AA, Griffith DM, Kendall ML, ElBanna E, Denstel KD, Broyles ST. Neighborhood influences on women's parenting practices for adolescents' outdoor play: A qualitative study. *Int J Environ Res Public Health*. Oct 2019;16(20)doi:10.3390/ijerph16203853.
34. Staiano AE, Allen AT, Fowler W, Gustat J, **Kepper MM**, Lewis L, Martin CK, St Romain J, Webster EK. State licensing regulations on screen time in childcare centers: An impetus for participatory action research. *Prog Community Health Partnersh*. 2018;12(1s):101-109. doi:10.1353/cpr.2018.0025.
35. **Kepper MM**, Sothern MS, Theall KP, Griffiths L, Scribner R, Tseng T, Schaettle P, Cwik J, Felker-Kantor E, Broyles S. A reliable, feasible method to observe neighborhoods at high spatial resolution. *Am J Prev Med*. Jan 2017;52(1S1):S20-S30. doi:10.1016/j.amepre.2016.06.010.
36. **Kepper MM**, Broyles S, Scribner R, Katzmarczyk P, Tseng T, Zabaleta J, Griffiths L, Sothern M. Parental perceptions of the social environment are inversely related to constraint of adolescents' neighborhood physical activity. *Int J Environ Res Public Health*. Dec 2016;13(12)doi:10.3390/ijerph13121266.
37. **Kepper MM**, Hayes Watson C, Lawrence M, Musa O, O'Rear L, Clesi A, Trapido E. The Student Organization for the Advancement of Research (SOAR): A student-led initiative to increase research-related learning. *J Health Admin Educ*. Dec 2016.

38. **Kepper MM**, Tseng TS, Volaufova J, Scribner R, Nuss H, Sothorn M. Pre-school obesity is inversely associated with vegetable intake, grocery stores and outdoor play. *Pediatr Obes*. Oct 2016;11(5):e6-8. doi:10.1111/ijpo.12058.
39. **Kepper MM**, Sothorn M, Zabaleta J, Ravussin E, Velasco-Gonzalez C, Leonardi C, Griffiths L, Li C, Estrada J, Scribner R. Prepubertal children exposed to concentrated disadvantage: An exploratory analysis of inflammation and metabolic dysfunction. *Obesity*. May 2016;24(5):1148-53. doi:10.1002/oby.21462. PMID: 26955975; PMCID: 4898459.
40. Zabaleta J, Velasco-Gonzalez C, Estrada J, Ravussin E, Pelligrino N, **Mohler MC**, Larson-Meyer D, Boulares H, Powell-Young Y, Bennett B, Happel K, Cefalu W, Scribner R, Tseng T, Sothorn M. Inverse correlation of serum inflammatory markers with metabolic parameters in healthy, Black and White prepubertal youth. *Int J Obes(Lond)*. Apr 2014;38(4):563-568. doi:10.1038/ijo.2013.220.
41. Koulikov D, **Mohler MC**, Mehedint DC, Attwood K, Wilding GE, Mohler JL. Low detectable prostate-specific antigen after radical prostatectomy--treat or watch? *J Urol*. 2014;192(5):1390-1396. doi:10.1016/j.juro.2014.05.088.

Invited Refereed Journal Articles

42. **Kepper MM**, Walsh-Bailey C, Owens-Jasey C, Gunn R, Gold R. Integrating social needs into healthcare: An implementation science perspective. *Annu Rev Public Health*. 2025 Apr. 46(1):151-170. doi: 10.1146/annurev-publhealth-071823-111332. PMID: 39476408. PMID: 39476408 PMCID: PMC12171984
43. **Kepper MM**, Walsh-Bailey C, Staiano A, Fowler LA, Gacad A, Blackwood A, Fowler SA, Kelley MM. Health information technology use among healthcare providers treating children and adolescents with obesity: A systematic review. *Curr Epidemiol Rep*. Feb 2021; 2021;doi:10.1007/s40471-021-00262-9.
44. Salvo D, **Kepper MM**, Hunter R, Jáuregui A. Built environment and obesity prevention research: Moving from niche to norm. *Lancet Diabetes Endocrinol*. Sep 2023; (9):631-633. doi: 10.1016/S2213-8587(23)00226-7. PMID: 37620061.

[Link to PubMed Publications](#)

OTHER PUBLICATIONS (CHAPTERS, TECHICAL REPORTS, POLICY BRIEFS)

1. **Kepper MM**, Sanchez-Fleck J, Adams E, Buscemi J, Ashling K, Alcarez K, Miller S, Davis J, Shen M. Modernize the Supplemental Nutrition Assistance Program to Reduce Food Access Inequities. Policy Brief. Society for Behavioral Medicine. Mar 2023. <https://www.sneb.org/wp-content/uploads/2023/08/Modernize-SNAP.pdf>
2. Broyles ST, **Kepper MM**. Chapter 5: Re-engineering the Built Environment: Progress in Schools, Worksites, Neighborhoods, and Communities. Handbook of Obesity, Volume 2: Clinical Applications (5th ed.). CRC Press. <https://doi.org/10.1201/9781003432807>.
3. **Kepper MM**, Family and Peers in: The 2018 United States Report Card on Physical Activity for Children and Youth. Washington, D.C., National Physical Activity Plan Alliance, 2018.

RESEARCH SUPPORT

Pending Research

Title: Translating Long-Term Follow-up Guidelines into Practice: A Digital tool for Pediatric Survivorship Care (PI: Kepper)

Funding Agency: NCI

Project Number: R01CA312053

Role: Principal Investigator

Amount Awarded: 3,548,429, 4/1/2026- 3/31/2031

Title: Exercise to Mitigate Cancer-related Cognitive Decline during Chemotherapy for Breast Cancer (the PROTECT + Trial) (PI: Salerno E)

Funding Agency: NCI

Project Number: not yet assigned

Role: Co-Investigator

Amount Awarded: \$2,954,851, 12/01/2025-11/30/2030

Ongoing Research

Title: Cancer Care Companion: An Electronic Health Record tool to improve information exchange and self-management in pediatric cancer (PI: Sisk B)

Funding Agency: NIH/NCI

Project Number: R21CA290223

Role: Co-Investigator

Amount Awarded: \$227,941, 4/12/2025-3/31/2026

Title: Designing for sustainability: Co-designing and testing the efficacy of a web-based toolkit to improve cancer-related emotional distress and anxiety for rural older cancer survivors. (PI: Lewis-Thames M)

Funding Agency: NCI

Project Number: 1R01NR021666-01

Role: Co-Investigator

Amount Awarded: \$347,972 (sub), 09/01/2024-08/31/2029

Title: Contextually responsive implementation of place-activation interventions for promoting physical activity in marginalized urban peripheries in Mexico. (PI: Salvo D)

Funding Agency: NIMHD

Project Number: R01MD019155

Role: Co-Investigator

Amount Awarded: \$517,444 (sub), 10/01/2024-09/30/2029

Title: Adapting and testing a novel digital health tool (PREVENT) to improve health behavior counseling and cardiovascular health in rural primary care clinics (PI: Kepper MM)

Funding Agency: NHLBI

Project Number: K01HL167993

Role: Principal Investigator

Amount Awarded: \$675,365; 12/1/2023-11/30/2027

Title: Implementation and evaluation of PREVENT: a novel technology to support tailored health behavior counseling in rural primary care (PI: Kepper MM)

Funding Agency: American Heart Association Transformational Project Award

Project Number: 23TPA1071038

Role: Principal Investigator

Amount Awarded: \$299,278; 8/1/2023-7/31/2026

Completed Research

Title: Developing a digital platform (the ARIA Guide) for adapted survivorship care guidelines (PIs: Kepper MM, Malone S, Ehrhardt M, Bhakta N)

Funding Agency: St. Jude-Washington University ISC

Role: Co-Principal Investigator

Project Number: N/A

Amount Awarded: \$98,690; 9/01/2023-08/31/2025

Title: Telehealth-based exercise intervention to improve functional capacity in survivors of childhood cancer with significantly limited exercise tolerance (PI: Ness K)

Funding Agency: NIH/NCI

Project Number: U01CA246570-01A

Role: Sub-award Principal Investigator

Amount Awarded: \$64,568 (sub); 09/16/2020-8/31/2025

Title: Prehabilitation to Revolutionize Oncology: Telehealth Exercise for Cognitive Triumphs (PROTECT) (PI: Salerno E)

Funding Agency: Siteman Cancer Center, Washington University in St. Louis

Project Number: N/A

Role: Co-Investigator

Amount Awarded: \$199,992; 1/01/2023-12/31/2024

Title: Assessing efficacy and implementation of an EHR tool to assess heart health among survivors (PIs: Weaver K and Foraker RE)

Funding Agency: NIH/NCI

Project Number: R01CA226078

Role: Co-Investigator

Amount Awarded: \$2,570,153, 06/1/2018-11/30/2024

Title: Developing an electronic health record tool to improve patient knowledge and self-management of complex lymphatic anomalies (PI: Sisk B)

Funding Agency: Lymphatic Malformation Institute

Role: Co-Investigator

Amount Awarded: \$75,000; 10/1/2023-9/1/2024

Title: Advancing health equity through development of a scholar's program in implementation science (PI: Brownson R)

Funding Agency: ICF/NCI

Role: Co-investigator

Project Number: GS-OOF-01OCA/HHSN261201700003B/75N91022F00002/TO9

Amount Awarded: \$275,034; 09/30/2019-09/29/2024

Title: Washington University Implementation Science Center for Cancer Control (WU-ISCCC) (Brownson R/Colditz G, MPI)

Funding Agency: NIH/NCI

Project Number: P50CA244431

Role: Co-Investigator

Amount Awarded: \$7,639,459; 09/01/2019-08/31/2024

Title: PULSE: DeveloPing a pragmatic gUide to impLementing social riSk assistance (PI: Kepper MM)

Funding Agency: NCI

Project Number: P50CA244431 (supplement)

Role: Principal Investigator

Amount Awarded: \$124,982; 4/1/2023-7/31/2024

Title: Collection of patient-reported social determinants of health among patients with Systemic Lupus Erythematosus (PI: Lew D)

Funding Agency: Arthritis Foundation

Project Number: N/A

Role: Co-Investigator

Amount Awarded: \$49,270; 02/01/2023-01/31/2024

Title: Diabetes and Heart Disease & Stroke Prevention Program: The ALLIANCE Gateway to Innovation in St. Louis and Beyond (PI: Eyler AE)

Funding Agency: Centers for Disease Control and Prevention, DHSS

Project Number: HE2021-0202

Role: Co-Investigator

Amount Awarded: \$887,500; 06/03/2019-09/30/2023

Title: Washington University Nutrition Obesity Center, Dissemination and Implementation Science Core (PI: Klein S)

Funding Agency: NIH/NIDDK

Project Number: P30 DK056341

Role: Co-Investigator, Dissemination and Implementation for Diabetes Research Core

Amount Awarded: \$5,906,250; 04/01/2021-12/30/2023

Title: Adapting and implementing a novel digital health tool to promote behavior change and improve cancer risk in rural Missouri (PI: Kepper MM)

Funding Agency: Center for Dissemination and Implementation Science, Washington University Implementation Science Center for Cancer Control

Project Number: N/A

Role: Principal Investigator

Amount Awarded: \$40,000; 08/01/2022-07/30/2023

Title: Strategies for implementing clinical decision support tools to reduce chronic diseases (PI: Kepper MM)

Funding Agency: Center for Dissemination and Implementation Science, Washington University

Role: Principal Investigator

Project Number: N/A

Amount Awarded: \$16,552; 12/01/2022-11/30/2023

Title: Implementing an AYA mHealth vaping cessation intervention into AYA oncology clinics (PI: Webster R)

Funding Agency: Washington University in St. Louis Implementation Science Center in Cancer Control

Role: Co-Investigator

Project Number: N/A

Amount Awarded: \$50,000; 01/01/2023-12/31/2023

Title: Connecting Behavioral Science to COVID-19 Vaccine Demand (CBS-CVD) Network (PI: Brownson R)

Funding Agency: Centers for Disease Control and Prevention

Role: Co-Investigator

Project Number: P18-02982-04

Amount Awarded: \$317,460; 04/15/2021-09/01/2022

Title: Health information technology to promote cardiovascular health among AYA cancer survivors (PI: Kepper MM)

Funding Agency: American Cancer Society Institutional Research Grant

Role: Principal Investigator

Project Number: N/A

Amount Awarded: \$30,000; 04/15/2021-09/01/2022

Title: Addressing Social Determinants of Health during Clinical Care Visits to Promote Equitable Behavior Change and PREVENT Cardiovascular Disease (PI: Kepper MM)

Funding Agency: K12 Mentored Training in Implementation Science (MTIS) Program, sponsored by the National Heart, Lung and Blood Institute

Project number: K12HL137942
Role: Principal Investigator
Amount Awarded: \$270,943; 07/01/2020-06/30/2022

Title: Characterizing mental and cognitive health and physical activity in the perioperative breast cancer setting (PI: Salerno E)

Funding Agency: Center for Perioperative Mental Health

Project Number: N/A

Role: Co-Investigator

Amount Awarded: \$40,000; 7/1/2021-6/30/2022

Title: Using interventional informatics to address social determinants of health during clinical care visits to promote behavior change and prevent Type 2 Diabetes (PIs: Kepper MM, Foraker RE)

Funding Agency: Institute for Informatics and the Healthcare Innovation Lab at Washington University in St. Louis

Project Number: N/A

Role: Co-Principal Investigator

Amount Awarded: \$50,000; 07/01/2020-06/30/2021

Title: Are toolkits using design principles to effectively translate public health evidence to practice? (PI: Kepper MM)

Funding Agency: Center for Dissemination and Implementation, Institute for Public Health at Washington University in St. Louis

Project Number: N/A

Role: Principal Investigator

Amount Awarded: \$10,000; 07/01/2020-06/30/2021

Title: Implementation of medical billing codes to assess social determinants of health to address diabetes at BJC HealthCare (PI: Kepper MM)

Funding Agency: Center for Diabetes and Translational Research, Washington University in St. Louis

Project Number: N/A

Role: Principal Investigator

Amount Awarded: \$25,000; 08/01/2020-07/31/2021

Title: Linking patients to community resources at the point of care: Achieving health equity among adolescents at risk for type 2 diabetes (PI: Kepper MM)

Funding Agency: Washington University in St. Louis Institute for Public Health, Public Health Cubed Seed Funding

Project Number: N/A

Role: Principal Investigator

Amount Funded: \$15,000; 8/1/2019-7/31/2020

Title: Neighborhood influence, parenting practices and youth physical activity (PI: Kepper MM)

Funding Agency: Eunice Kennedy Shriver National Institute of Child Health & Human Development

Project Number: 1F32HD093282-01

Role: Principal Investigator

Amount Funded: \$118,511; 8/7/2017-6/30/2019

Title: Painting preschool playgrounds: A scalable approach to increasing physical activity and motor skills in Louisiana preschool aged children (PI: Kepper MM)

Funding Agency: Blue Cross Blue Shield of Louisiana Foundation

Project Number: N/A

Role: Principal Investigator

Amount Funded: \$10,000; 7/1/2017-6/30/2018

Title: Constraining outdoor play reduces physical activity and promotes obesity and cardiovascular disease (PI: Mohler MC, maiden name)

Funding Agency: American Heart Association (AHA)

Project Number: 14PRE19700021

Role: Principal Investigator
Amount Funded: \$26,000; 7/1/2014-6/30/2015

PRESENTATIONS

Invited Presentations

1. The Role and Impact of Dissemination and Implementation Science in Healthcare. John V. King Symposium, Mercy Hospital, St. Louis, MO, October 2024.
2. The D4DS Planner: A Designing for Dissemination and Sustainability Action Planner. Implementation Science Working Group, Harvard University, virtual, March 2024.
3. The D4DS Planner: A Designing for Dissemination and Sustainability Action Planner. Center for Behavioral Intervention Technologies T32 Training Program, Northwestern University, virtual, March 2024.
4. Developed Content and Context Aware Guidelines: The ARIA Guideline Supportive Care Adaptation Approach. St. Jude Research Collaborative, Memphis, TN, March 2024.
5. Designing for Dissemination and Sustainability: Applications to Cancer Care. Cancer Control and Survivorship Program, St. Jude Research Hospital, Memphis, TN, December 2023.
6. Integrating Social Determinants of Health in Large Datasets. American Heart Association Annual Meeting, Philadelphia, PA, November 2023.
7. Designing Digital Solutions to Meet the Needs of Rural Communities. Rural Health Symposium, hosted by Washington University in St. Louis and the University of Missouri, Innsbrook, MO, October 2022.
8. Designing for Dissemination, Implementation and Sustainability. St. Jude/Washington University in St. Louis Implementation Sciences Collaborative Survivorship Spring Conference, virtual, May 2021.
9. A Health Information Technology Tool to Promote Behavior Change among Pediatric Cancer Survivors. St. Jude Children's Research Hospital, virtual, May 2021.
10. Documenting Social Risks in Clinical Settings: A Mixed Methods Study. Institute for Informatics Research-in-Progress Seminar Series, virtual, May 2021.
11. Health Information Technology Use Among Healthcare Providers Treating Children and Adolescents with Obesity: A Systematic Review. Behavioral Informatics and Technology Special Interest Group in the Society for Behavioral Medicine, virtual, March 2021.
12. Using Interventional Informatics to Address Social Determinants of Health During Clinical Care Visits to Promote Behavior Change and PREVENT Type 2 Diabetes. Big Ideas Shark Tank Event, Washington University in St. Louis and BJC Healthcare, St. Louis, MO, February 2020.
13. Using Informatics to Address Neighborhood Barriers and Promote Health Equity. Behavioral Informatics and Technology Special Interest Group in the Society for Behavioral Medicine, virtual, January 2020.
14. Social Determinants of Health: The Role of the Environment in Physical Activity and Obesity. Baton Rouge Mayor's Healthy City Initiative: Live Healthy 2021 Event. Baton Rouge, LA, April 2018.

15. The Influence of Disadvantaged Neighborhoods on Physical Activity and Obesity in Youth. University of Florida Pediatric Grand Rounds, Gainesville, FL, December 2015.
16. Mom, Can I Play Outside? Influence of Disadvantaged Neighborhoods on Physical Activity and Obesity in Youth. Pennington Biomedical Research Center Childhood Obesity and Public Health Conference, Baton Rouge, LA, October 2015.

Refereed Presentations

1. Ehrhardt MN, Brandt HM, Bhatka N, Malone SM, Kepper MM, DeVine A, Clark RR, Friedman DN, Manning SH, Wan S, Muthukrishnan S, Miller CS, Armstrong GT, Hudson M. United States (US) Population Level Costs and Cost-Savings Associated with Long-Term Follow-Up Screening for Survivors of Childhood Cancer. American Society of Clinical Oncology. Oral Presentation. ISLCCC Annual Meeting. Abstract. Seattle, Washington. June 2025.
2. Payne KM, Wogksch M, Partin RE, Mulrooney D, Terrell S, Zelinka K, Burgess J, **Kepper MM**, Dixon SB, Ky B, Ehrhardt MJ, Brinkman T, Salerno EA, Hudson MM, Armstrong GT, Burns J, Ness KK. Correlation Between the 2-Minute Step Test and Clinically Measured VO2 Peak: A Report from The St. Jude Lifetime Cohort. ISLCCC Annual Meeting. Poster presentation. Seattle, Washington. June 2025.
3. Terrell S, Partin RE, O'Neil S, Ehrhardt M, Brinkman T, Salerno E, **Kepper MM**, Wang Z, Srivastava D, Hudson MM, Armstrong G, Mulrooney D, Ness KK. Remotely Delivered Exercise Intervention Modestly Improves Peak Oxygen Uptake. ISLCCC Annual Meeting. Poster presentation. Seattle, Washington. June 2025.
4. Ehrhardt MN, Brandt HM, Bhatka N, Malone SM, **Kepper MM**, DeVine A, Clark RR, Friedman DN, Manning SH, Wan S, Muthukrishnan S, Miller CS, Armstrong GT, Hudson M. United States (US) Population Level Costs and Cost-Savings Associated with Long-Term Follow-Up Screening for Survivors of Childhood Cancer. American Society of Clinical Oncology. Poster presentation. Chicago, Illinois. May 2025.
5. Salerno EA, Harriss C, Andrade C, Peterson LL, Duncan RP, **Kepper MM**, Luo J, Creel P, Colditz GA. Exercise Effects on Perceived Cognitive Impairment during Breast Cancer Chemotherapy: Results from a Randomized Controlled Trial. Poster presentation. Moving Beyond Conference. Portugal. April 2025.
6. **Kepper MM**, Bucher A, Materia FM, Panza E. Designing Digital Interventions for Equity: Approaches, Challenges, and Future Directions. Panel presentation, the Society for Behavioral Medicine annual meeting, San Francisco, CA, March 2025.
7. Huynh T, Harriss C, Andrade DC, Luo J, Peterson LL, Marx CM, Duncan RP, **Kepper MM**, Politi MC, Salerno EA. Longitudinal associations between physical activity, mental health and cognitive function during chemotherapy for breast cancer. Poster presentation, the Society of Behavioral Medicine annual meeting, San Francisco, CA, March, 2025.
8. Andrade DC, Parrish L, Harriss C, Peterson LL, Duncan RP, **Kepper MM**, Luo J, Marx CM, Politi MC, Salerno EA. Understanding patient and clinician needs and preferences for a physical activity intervention during chemotherapy for breast cancer. Poster presentation, the Society of Behavioral Medicine annual meeting, San Francisco, CA, March, 2025.
9. **Kepper MM**, Sniderman L, Malone S, Licon S, Duffy C, Key M, Farmer J, Sullivan N, Bhakta N, Mukkada S. Engaging Global Partners to Design an Online Clinical Resource to Meet the Needs for Comprehensive, Resource-Adapted Guidance for the Treatment of Childhood Cancer. Poster presentation, International Society of Paediatric Oncology, Honolulu, HI, October 2024.

10. Webster RT, **Kepper MM**, Graham AL, Ness KK, Hudson MM, Browne EK, Jones AM, Jurbergs N, Fuemmeler BF. Barriers of Connecting Adolescent and Young Adult Cancer Survivors to Evidence-based Vaping Cessation Programs within Survivorship Clinic Settings. In C. Bate (chair), Behavioral Interventions to Reduce Morbidity and Mortality in Survivors of Pediatric Cancer, The 25th International Psycho-Oncology Society World Congress, Maastricht, The Netherlands, September 2024.
11. **Kepper MM**, Foraker RE, Lee S, Klepin H, Wells B, Dressler E, Hundley W, Nightingale CL, Weaver KE. Clinician Perspectives on Using a Clinical Decision-support Tool to Facilitate Cardiovascular Health Discussion among Cancer Survivors. Poster Presentation, 16th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2023.
12. **Kepper MM**, Morse B, L'Hotta A, Shato T, Kwan B, Glasgow RE, Luke D, Graham AK, Baumann A, and Brownson RC. Supporting Teams with Designing for Dissemination and Sustainability: The Development and Usability of a Digital Interactive Platform. Poster Presentation, 16th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C., December 2023.
13. Mackenzie A, Walsh-Bailey C, Parish L, Brownson RC, Foraker RE, Klesges L, Davis K, Allen P, **Kepper MM**. Co-developing an Implementation Plan for a Digital Health Intervention: An Example in Rural Missouri Clinics. Poster Presentation, 16th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2023.
14. Walsh-Bailey C, Parish L, Mackenzie A, Brownson RC, Foraker RE, Klesges L, Davis KL, Glasgow RE, **Kepper MM**. Revising and Applying FRAME to Track Adaptations in Digital Health. Poster Presentation the 16th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2023.
15. **Kepper MM**, Kwan B, Glasgow R, Luke D, Graham A, Baumann A, Shato T, Morse M, Brownson R. Development of a Generalizable Designing for Dissemination and Sustainability Tool for Implementation Scientists and Practitioners. Oral Presentation, 15th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2022.
16. **Kepper MM**, Walsh-Bailey C, Brownson R, Glasgow R, Garbutt J, de las Fuentes L, Yan Y, White N, Herrick C, Miller Z, Foraker R, Delivering Community and Digital Resources at the Point-of-care to Support Health Behavior Change for Adolescents and Young Adults with Obesity: Implementation and Process Evaluation. Poster Presentation, 15th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2022.
17. Shato T, Glasgow R, McLoughlin G, Tabak R, **Kepper MM**, Brownson R. Designing for Dissemination among Clinical and Public Health Practitioners in the United States. Oral Presentation, 15th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2022.
18. Owens C, Chen J, Xu R, Angier H, Huebschmann AG, Ito Fukunaga M, Chaiyachati K, Rendle K, Robien K, DiMartino L, Amante D, Faro J, **Kepper MM**, Ramsey A, Bressman E, Gold R. Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review. Poster Presentation, 15th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, D.C., December 2022.
19. Owens C, Chen J, Xu R, Angier H, Huebschmann AG, Ito Fukunaga M, Chaiyachati K, Rendle K, Robien K, DiMartino L, Amante D, Faro J, **Kepper MM**, Ramsey A, Bressman E, Gold R. Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review. Poster

Presentation, American Medical Informatics Association (AMIA) 2022 Annual Symposium, Washington, D.C., November 2022.

20. Walsh-Bailey C, Foraker R, Brownson R, Miller Z, Garbutt J, de las Fuentes L, Glasgow R, **Kepper MM**. Findings on Implementation Determinants, Processes, and Outcomes from Two Randomized Pilot Feasibility Studies of a Digital Health Tool to Promote Health Behavior Change. Poster Presentation, American Public Health Association Annual Meeting, Boston, MA, October 2022. **Winner of the Student Poster Award**
21. Walsh-Bailey C, Foraker R, Brownson R, Miller Z, Garbutt J, de las Fuentes L, Glasgow R, **Kepper MM**. Provider-level Results from Two Randomized Pilot Feasibility Studies of a Digital Health Tool to Promote Health Behavior Change. Poster Presentation, Society for Implementation Research Collaboration Annual Meeting, San Diego, CA, September 2022.
22. Owens C, Chen J, Xu R, Angier H, Huebschmann AG, Ito Fukunaga M, Chaiyachati K, Rendle K, Robien K, DiMartino L, Amante D, Faro J, **Kepper MM**, Ramsey A, Bressman E, Gold R. Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review. Poster Presentation, Society for Implementation Research Collaboration Conference, San Diego, CA, September 2022.
23. Miller Z, Walsh-Bailey C, Zubeldia P, **Kepper MM**. Electronic Survey Response among Low-income, Diverse Adolescents with Obesity. Poster Presentation, Graduate Research Symposium, Washington University in St. Louis, St. Louis MO, April 2022.
24. Gilbert A, Schmidt L, Beck A, **Kepper MM**, Mazzucca S, Eyler AE. A Mixed-methods Study Exploring the COVID-19 Pandemic's Impact on Child Physical Activity and Sedentary Behavior and Associations with Mental Well-being. Poster Presentation, Active Living Conference, virtual, April 2021.
25. **Kepper MM**, Walsh-Bailey C, Brownson RC, Garbutt J, Foraker R. Usability Testing of a Novel Health Information Technology Tool for Behavior Change among Adolescents. Poster Presentation, Society for Behavioral Medicine Annual Meeting, virtual, April 2021.
26. Taner E, Foraker RE, Lara S, Lopetegui M, **Kepper MM**. The PREVENT Tool: An Implementation of the Yelp Fusion Application Programming Interface (API). Poster Presentation, American Medical Informatics Association Summit, virtual, March 2021.
27. **Kepper MM**, Walsh-Bailey C, Kwan BM, Morrato EH, Garbutt J, Foraker R, Brownson RC. Using Customer Discovery to Optimize the Dissemination and Sustainability of a Novel Health Information Technology Tool. Oral Presentation, 13th Annual Conference on the Science of Dissemination and Implementation, virtual, December 2020.
28. Walsh-Bailey C, Allen P, **Kepper MM**, Vogel M, Pilar M, McLoughlin GM, Brownson RC. Measurement of Chronic Disease Policy Implementation Determinants and Outcomes: A Systematic Review. Poster Presentation, 13th Annual Conference on the Science of Dissemination and Implementation, virtual, December 2020.
29. Taner E, Foraker RE, Lara S, Lopetegui M, **Kepper MM**. The PREVENT Tool: An Implementation of the Yelp Fusion Application Programming Interface (API). Poster Presentation, Washington University Institute for Public Health 13th Annual Conference, virtual, October 2020.

30. Gilbert A, Schmidt L, Beck A, **Kepper MM**, Mazzucca S, Eyler A. Associations of Physical Activity and Sedentary Behaviors with Child Mental Well-being during the COVID-19 Pandemic. Poster Presentation, Washington University Institute for Public Health 13th Annual Conference, virtual, October 2020.
31. Liu J, **Kepper MM**, Barnidge E, Stamatakis K, Eyler A. Evaluation of Innovative Approaches to Prevent Diabetes and Manage Cardiovascular Disease: The Alliance Project. Poster Presentation, Washington University Institute for Public Health 13th Annual Conference, virtual, October 2020.
32. Schmidt L, Mazzucca S, **Kepper MM**, Gilbert A, Beck A, Eyler A. Parent Perceptions of Barriers to Child Physical Activity during COVID-19 “Stay-at-Home” Period. Poster Presentation, Washington University Institute for Public Health 13th Annual Conference, virtual, October 2020.
33. Allen P, Mazzucca S, Hooley C, Pilar M, Lewis CC, Mettert KD, Dorsey CN, Purtle J, Morshed AB, Baumann A, **Kepper MM**, Brownson RC. How are Health Policy Implementation Outcomes Measured Quantitatively? A Systematic Review. Poster Presentation, 12th Annual Conference on the Science of Dissemination and Implementation, Washington D.C., December 2019.
34. Allen P, Mazzucca S, Hooley C, Pilar M, Lewis CC, Mettert KD, Dorsey CN, Purtle J, Morshed AB, Baumann A, **Kepper MM**, Brownson RC. How are Health Policy Implementation Outcomes Measured Quantitatively? A Systematic Review . Poster Presentation, Biennial Society for Implementation Research Collaboration Conference, Seattle, WA, November 2019.
35. **Kepper MM**, Staiano AE, Katzmarzyk PT, Reis RS, Eyler AA, Griffith DM, Kendall ML, ElBanna B, Denstel KD, Broyles ST. Neighborhood Influences on Women’s Parenting Practices for Children’s Outdoor Play: A Qualitative Study. Poster Presentation, International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Prague, Czech Republic, June 2019.
36. **Kepper MM**, Myers CA, Denstel KD, Hunter RF, Guan W, Broyles ST. The Neighborhood Social Environment and Physical Activity: A Systematic Scoping Review. Poster Presentation, International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Prague, Czech Republic, June 2019.
37. Denstel KD, **Kepper MM**, Staiano AE, Broyles ST. Neighborhood Disadvantage, Total Body and Region-specific Adiposity in Children. Poster Presentation, Obesity Society Annual Meeting, Nashville, TN, November 2018.
38. Danos D, **Kepper MM**, Ferguson T, Leonardi C, Scribner RA. Utilizing Electronic Health Records to Evaluate Racial Disparities in Metabolic Syndrome. Poster Presentation, American Heart Association Annual Conference, Chicago, IL, March 2018.
39. **Kepper MM**, Zabaleta J, Lin H, Velasco-Gonzalez C, Griffiths L, Skizim M, Boulares H, Pelligrino N, Uddo R, Maronge J, Miller R, Arguello A, Estrada J, Sothorn M. Exercise Promotes Decreased Glucose with Increased Total Adiposity in African-American Female Teens. Poster Presentation, Obesity Society Annual Meeting, Washington, D.C., October 2017.
40. **Kepper MM**, Broyles ST, Scribner R, Griffiths L, Zabaleta J, Sothorn M. Perceptions of Collective Efficacy are Inversely Related to Constrained Outdoor Play Practices among Parents of Adolescents with High Levels of Obesity and Poor Cardio-metabolic Health. Poster Presentation, Obesity Society Annual Scientific Meeting, New Orleans, LA, October 2016.

41. **Kepper MM**, Sothern M, Theall K, Griffiths L, Scribner R, Tseng T, Schaettle P, Cwik J, Felker-Kantor E, Broyles S. Using Google Street View to Systematically Observe Neighborhood Environments at High Spatial Resolution: A Feasible and Reliable Method. Poster Presentation, University of Alabama Health Disparities Symposium, Birmingham, AL, April 2016.
42. **Mohler MC**, Scribner R, Velasco-Gonzalez C, Zabaleta J, Leonardi C, Chi L, Pelligrino N, Uddo R, Griffiths L, Estrada J, Sothern M. The Influence of Physical Activity and Race on the Relationship between Obesity, Metabolic Health, and Neighborhood Disadvantage in Pre-pupertal Children. Poster Presentation, Obesity Society 2015 Annual Scientific Meeting, Los Angeles, CA, October 2015.
43. Griffiths L, Tseng T, **Mohler MC**, Zabaleta J, Scriber R, Velasco-Gonzalez C, Affuso O, Nuss H, Skizim M, Pelligrino N, Leonardi C, Estrada J, Boulares H, Sothern M. Maternal Body Mass Index is Associated with Offspring's Nutritional Intake Measured by 24-hour Recall. Poster Presentation, Obesity Society 2015 Annual Meeting, Los Angeles, CA, October 2015.
44. Sothern M, Zabaleta J, Velasco-Gonzalez C, Pelligrino N, Happel K, Miller R, Skizim M, Griffiths L, Uddo R, Tseng T, Nuss H, **Mohler MC**, Augustus A, Arguello A, Brown M, Powell-Young Y, Maronge J, Boulares H, Estrada J. Alterations in Metabolic Health and Inflammation following Diet, Exercise, or Combined Behavioral Interventions based on Social Cognitive Theory: A Randomized, Controlled Trial. Oral Presentation, International Society of Behavioral Nutrition and Physical Activity 2015 Scientific Meeting, Edinburgh, Scotland, June 2015.
45. **Mohler MC**, Scribner R, Velasco-Gonzalez C, Zabaleta J, Leonardi C, Chi L, Pelligrino N, Uddo R, Griffiths L, Estrada J, Sothern M. Relationships between Obesity, Metabolic Health and Neighborhood Concentrated Disadvantage in Pre-pubertal Children. Oral Presentation, Mid-South Transdisciplinary Collaboration Center for Health Disparities Research, Birmingham, AL, March 2015.
46. **Mohler MC**, Broyles S, Drazba K, Dentro K, Sothern M, Tudor-Locke C, Katzmarzyk P. Socioeconomic Disparities in Parents' Perceptions of Their Built and Social Environment in Baton Rouge LA. Poster Presentation, Minority Health and Health Disparities Grantee's Conference, National Harbor, MD, December 2014.
47. **Mohler MC**, Scribner R, Velasco-Gonzalez C, Zabaleta J, Leonardi C, Chi L, Pelligrino N, Uddo R, Griffiths L, Estrada J, Sothern M. Relationships between Obesity, Metabolic Health and Neighborhood Concentrated Disadvantage in Pre-pubertal Children. Poster Presentation, Obesity Society Annual Scientific Meeting, Boston, MA, November 2014.
48. Pelligrino N, Velasco-Gonzalez C, Zabaleta J, Miller R, Uddo B, Tseng T, **Mohler MC**, Happel K, Scribner R, Estrada J, Sothern M. Preliminary Results from an Intensive, Culturally-relevant, Clinic-based Nutrition and Behavioral Intervention Targeting Obese Black Adolescent Females in New Orleans LA. Obesity Society Annual Scientific Meeting, Boston, MA, November 2014.
49. Zabaleta J, Velasco-Gonzalez C, Pelligrino N, Estrada J, **Mohler MC**, Scribner R, Tseng T, Arguello A, Ravussin E, Powell-Young Y, Sothern M. Inflammation is Not a Driver of Abnormal Metabolic Parameters in Pre-pubertal Youth. Obesity Society Annual Scientific Meeting, Boston, MA, November 2014.
50. **Mohler MC**, Scribner R, Velasco-Gonzalez C, Zabaleta J, Leonardi C, Chi, L, Pelligrino N, Uddo R, Griffiths L, Estrada J, Sothern M. Relationships between Obesity, Metabolic Health, and Neighborhood Concentrated Disadvantage in Pre-pubertal Children. Oral Presentation, International Society of GeoSpatial Health, New Orleans, LA, October 2014.

51. **Mohler MC**, Broyles S, Drazba K, Dentre K, Sothorn M, Tudor-Locke C, Katzmarzyk P. Living within a Walkable Distance to School and School Socioeconomic Factors Determine Active Commuting (ISCOLE-US). Poster Presentation, American College of Sports Medicine Annual Meeting, Orlando, FL, May 2014.
52. Pelligrino N, Velasco-Gonzalez C, Sothorn M, Zabaleta J, Bennett B, **Mohler MC**, Tseng T, Powell-Young Y, Larson-Meyer E, Boulares H, Estrada J. Race and Gender Disparities in Body Composition Methodologies in Relation to Inflammatory Biomarkers in Pre-pubertal Youth. Poster Presentation, Obesity Society Annual Scientific Meeting, Atlanta, GA, November 2013.
53. Arguello A, Tseng T, **Mohler MC**, Clesi A, Lewis L, Volaufova J, Sothorn M. Identifying Differences in Knowledge, Attitudes, and Self-efficacy of Preschool Childcare Providers: Are These Measures Associated with Nutrition and Feeding Practices in Childcare Centers? Poster Presentation, Obesity Society Annual Scientific Meeting, Atlanta, GA, November 2013.
54. Tseng T, Bonis M, **Mohler MC**, Arguello A, Volaufova J, Velasco-Gonzalez C, Clesi A, Lewis L, Sothorn M. Racial Disparities in Sugary Drink Consumption in Preschool Children in Louisiana. Poster Presentation, Obesity Society Annual Scientific Meeting, Atlanta, GA, November 2013.
55. **Mohler MC**, Tseng T, Arguello A, Sothorn, M. Racial Disparities in Obesity among Louisiana Preschool Aged Children. Poster Presentation, Xavier Health Disparities Conference, New Orleans, LA, March 2013.
56. **Mohler MC**, Volaufova J, Tseng T, Nuss H, Scribner R, Sothorn M. Preschool Obesity is Inversely Associated with Outdoor Play, Vegetable Intake, and Grocery Store Access. Oral Presentation, Society for Public Health Education, Orlando, FL, April 2012.

TEACHING AND MENTORING EXPERIENCE

Teaching

1. Designing for Dissemination and Sustainability: How to Maximize Impact, Washington University in St. Louis, St. Louis MO, Fall 2023, Fall 2024, Co-Instructor.
2. Physical Activity and Health, Louisiana State University Health Sciences Center School of Public Health, New Orleans LA, Fall 2018, Co-Instructor.
3. Behavioral Science Theories in Public Health Practice, Louisiana State University Health Sciences Center School of Public Health, New Orleans LA, Summer 2017, Co-Instructor.

Workshops and Guest Lectures

1. The PREVENT Tool: The Development and Testing of a Health Information Technology Tool to Improve Cardiovascular Health. Lecture, Decision Support in Health Care Systems for Biomedical Informatics course, University of Missouri School of Medicine, virtual, November, 2024.
2. Designing for Dissemination and Sustainability. Introduction to Dissemination and Implementation Science course. Washington University in St. Louis, virtual, March 2024.

3. Leveraging Digital Health in Clinical Care Settings to Reduce Disparities. Lecture, Health Disparities and the Structural and Social Determinants of Health course. Division of Public Health Sciences, Washington University in St. Louis, virtual, September 2023, 2024.
4. Designing for Dissemination and Sustainability: How to Maximize Impact. Lecture, Program Implementation and Evaluation Course, The Brown School, Washington University in St. Louis, St. Louis MO, November 2023.
5. The PREVENT Tool: The Development and Testing of a Health Information Technology Tool to Address Obesity. Lecture, Biomedical Informatics I course. Institute for Informatics, Washington University in St. Louis, St. Louis, MO, January 2022, January 2023.
6. Using Technology and Informatics to Address Social Determinants of Health at the Point of Care. Lecture, Introduction to Health Disparities and the Structural and Social Determinants of Health course. Division of Public Health Sciences, Washington University in St. Louis, St. Louis, MO, September 2022.
7. Designing for Dissemination, Implementation and Sustainability. Workshop, Centene Center for Health Transformation, virtual, July 2021.
8. Introduction to Qualitative Research Methods. Lecture, Center for Humanism and Ethics Surgical Specialties, Surgical Ethics Fellowship Program, Washington University in St. Louis School of Medicine, St. Louis, MO, April 2021.
9. Introduction to Mixed Methods Research. Lecture, Mentored Training in Implementation Science (K12HL137942) Program, Washington University in St. Louis School of Medicine, St. Louis, MO, Fall 2021.
10. The PREVENT Tool: Using Clinical Decision Support tools to prevent type 2 diabetes among adolescents. Lecture, Principles of Shared Decision Making and Health Literacy in the Clinical Setting Course, Washington University in St. Louis Institute for Public Health, St. Louis, MO, April 2020.
11. Neighborhoods and Health: Translating Evidence to Practice. Lecture, Translational Research Course, Louisiana State University Health Sciences Center, New Orleans, LA, October 2019.
12. The Influence of Disadvantaged Neighborhoods on Health Behaviors and Obesity-Related Outcomes: Translating Evidence to Practice. Lecture, Translational Research Course at Louisiana State University Health Sciences Center, New Orleans, LA, October 2018.
13. “Mom, Can I Play Outside?” Influence of Disadvantaged Neighborhoods on Physical Activity and Obesity in Youth. Lecture, Health Behavior Course, Southeastern University, Hammond, LA, March 2016, March 2017.

Undergraduate Students:

2021	Kianna Zucker, Summer Graduate Research Assistant, Washington University in St. Louis
2020	Esra Tanner, Institute for Informatics Summer Intern, Washington University in St. Louis

Masters Students

2023- 2025	Oghosa Evbuomwan, MPH Student, Research Assistant, Brown School, Washington University in St. Louis
2023- 2024	Ainsley McKenzie, MPH Student, Research Assistant, Brown School, Washington University in St. Louis
2022-2023	Ariel Deitch, MSW Student, Research Assistant, Brown School, Washington University in St. Louis
2021- 2022	Mindy Guo, MPH Student, Capstone Supervisor, Brown School, Washington University in St. Louis
2021- 2022	Nat Mudd, MSW Student, Research Assistant, Brown School, Washington University in St. Louis
2020- 2023	Zoe Miller, MSW/MPH Student, Research Assistant, Brown School, Washington University in St. Louis

2020- 2021	Angeline Gacad, MPH Student, Research Assistant, Brown School, Washington University in St. Louis
2020	Romario Smith, MSW/MPH Student, Practicum Supervisor, Brown School, Washington University in St. Louis
2019-2021	Julia Liu, MPH Student, Research Assistant, Brown School, Washington University in St. Louis

Doctoral Students

2024-present	Amanda Gilbert, PhD Student, Research Assistant, Brown School, Washington University in St. Louis
2022- 2023	Min Zhao, PhD Student, Research Assistant, Institute for Informatics, Washington University in St. Louis
2022- 2022	Pablo Zubeldia, PhD Student, Research Assistant, Institute for Informatics, Washington University in St. Louis
2019- 2023	Callie Walsh-Bailey, PhD Student, Research Assistant, Brown School, Washington University in St. Louis
2023	Raul Gierbolini, PhD Student, Research Assistant, Brown School, Washington University in St. Louis

Doctoral Dissertations

Present	Member, Dissertation Proposal and Dissertation Committee for Bailey Osweiler, School of Engineering-Division of Computational and Data Sciences, Washington University in St. Louis.
Present	Member, Dissertation Proposal and Dissertation Committee for Karen Skinner, Brown School, Washington University in St. Louis.
2024	Member, Dissertation Proposal and Dissertation Committee for Callie Walsh-Bailey, Brown School, Washington University in St. Louis.

Post-Doctoral Fellows

2022- 2024	Allison L'Hotta, PhD (Brown School/Medical School, Washington University in St. Louis)
2022- 2024	Thembekile Shato, PhD (Brown School, Washington University in St. Louis)
2022- present	Loni Parish, PhD (Brown School, Washington University in St. Louis)
2023- 2025	Melanie Bryant, MD (Medical School, Washington University in St. Louis), TL1 mentorship committee

ADDITIONAL TRAINING

May 2019	Geographic Information Systems Certificate The Pennsylvania State University Completed as part of F32 training
July 2017	Mixed Methods Research Online Certificate University of Michigan School of Social Work Completed as part of F32 training

SERVICE

University

2024-present	Public Health Sciences PhD Program, Brown School, faculty lead
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2024-present	Public Health Sciences PhD Admissions Committee, Brown School, member
2023-present	Center for Dissemination and Implementation Science Pilot Grant Awards, Washington University in St. Louis, reviewer
2021-2022	Doctoral Education and Research, Public Health Implementation Planning, Washington University in St. Louis Strategic Plan, member
2022	Rural Health Symposium “E-Connecting for Healthy Eating and Exercising in Rural Communities” with the University of Missouri, faculty lead
2013-2016	Louisiana State University Health Sciences Center School of Public Health Research Committee doctoral student representative
2012-2013	American Public Health Association: Campus Liaison for Louisiana State University Health Sciences Center
2011- 2013	Louisiana State University Health Sciences Center, Inter-Professional Student Association, member

National/International

2023-present	American Heart Association: Member, Social Determinants of Health Committee of the Council on Epidemiology and Prevention and Council of Quality of Care of Outcomes Research
2021-2023	American Heart Association: Member, Lifestyle & Epidemiology Behavioral Change for Improving Health Factors Committee of the Council on Lifestyle and Cardiometabolic Health
2021-present	Society of Behavioral Medicine: Member, Behavioral Informatics and Technology Special Interest Group, and Co-Chair, Digital Health Equity and Implementation Working Group
2021-2022	Society of Behavioral Medicine: Member, Behavioral Informatics and Technology Special Interest Group, and Co-Chair, Informatics Sub-Committee
2017-2019	Association of State Public Health Nutritionists, Louisiana Pediatric Obesity Mini CoIIN, member

Journal Reviews

International Journal of Environmental Research and Public Health, ad hoc reviewer, guest editor for special issue “Community Interventions in Health Disparities.”

Preventing Chronic Disease, ad hoc reviewer

Health & Place, ad hoc reviewer

Wellbeing, Space and Society, ad hoc reviewer

Journal of Physical Activity and Health, ad hoc reviewer

Translational Behavioral Medicine, ad hoc reviewer

Obesity, ad hoc reviewer

American Journal of Public Health, ad hoc reviewer