

# Timothy James Walker, PhD

CURRICULUM VITAE, OCTOBER 2023

University of Texas Health Science Center at Houston, School of Public Health

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## EDUCATION

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- Postdoctoral Fellow  
2016-2018      **University of Texas Health Science Center at Houston, School of Public Health**, Houston, TX  
Cancer Education and Career Development Program  
Grant number: NCI/NIH Grant R25 CA057712
- PhD  
2012-2016      **University of Texas Health Science Center at Houston, School of Public Health**, Houston, TX  
Area of Study: Health Promotion & Behavioral Sciences  
Dissertation: *An Evaluation of the Relation between Physical Activity and Presenteeism among Employees from a Public University System*
- MA  
2008-2010      **University of Connecticut**, Storrs, CT  
Area of Study: Kinesiology/Exercise Science  
Thesis: *The Influence of Contingency Management on Physical Activity Levels among HIV Positive Substance Users*
- BA  
2000-2004      **Connecticut College**, New London, CT  
Major: Zoology

## PROFESSIONAL EXPERIENCE

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- Assistant Professor of Health Promotion and Behavioral Sciences  
University of Texas Health Science Center at Houston      2018-Present  
School of Public Health, Houston, TX
- Postdoctoral Fellow  
University of Texas Health Science Center at Houston      2016-2018  
School of Public Health, Houston, TX
- Graduate Research Assistant  
University of Texas Health Science Center at Houston      2012-2016  
School of Public Health, Houston, TX
- Patient Experience Analyst      2011-2012  
NYU Langone Medical Center, New York, NY
- Project Associate      2010-2011  
Children's Hospital at Montefiore, Bronx, NY

Timothy Walker

Graduate Research Assistant University of Connecticut, Storrs, CT	2008-2010
Research Assistant Rhode Island Hospital, Providence, RI	2006-2008
Session Assistant I and II Memorial Sloan Kettering Cancer Center, New York, NY	2004-2006

### **RESEARCH INTERESTS**

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- Physical Activity
- Dissemination & Implementation
- Measure Development and Evaluation
- Health Disparities

### **CURRENT GRANTS AND CONTRACTS**

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1. **Principal Investigator**, NFL Play60 FitnessGram Evaluation.  
Funding Agency: The Cooper Institute  
Period: 2023-2026  
Total Direct Costs: \$59,523
2. **Principal Investigator**, Developing and testing an implementation strategy for active learning to promote physical activity in children.  
Funding Agency: National Heart, Lung, and Blood Institute (NHBLI)  
Period: 2021-2025  
Total Direct Costs: \$503,524
3. **Co-Investigator**, Development and validation of a measure of organizational readiness (motivation x capacity) for implementation (PI: Fernandez).  
Funding Agency: National Cancer Institute  
Period: 2018-2023  
Total Direct Costs: \$2,317,818
4. **Co-Investigator**, All for Them Texas: A multifaceted dissemination and implementation approach to increase HPV vaccination.  
Funding Agency: Cancer Prevention & Research Institute of Texas (CPRIT)  
Period: 2023-2025  
Total Direct Costs: \$427,463

### **COMPLETED GRANTS AND CONTRACTS**

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Timothy Walker

1. **Principal Investigator**, Examining implementation needs and readiness for mental, social, and emotional health programming at The Boys & Girls Clubs of Greater Houston.  
Funding Agency: Center for Clinical and Translational Science  
Period: 2022-2023  
Total Direct Costs: \$25,000
2. **Co-Investigator**, Health outcomes among children participating in an intermittent physical activity school-based program (PI: Messiah).  
Funding Agency: GoNoodle  
Period: 2022-2023  
Total Direct Costs: \$25,000
3. **Principal Investigator**, Healthy Zone School Program Evaluation  
Funding Agency: The Cooper Institute / The United Way Metropolitan Dallas  
Period: 7/1/2018-6/30/2021  
Total Direct Costs: \$75,434
4. **BIRCWH Scholar**, Building Interdisciplinary Careers in Women's Health Research (BIRCWH) UTMB Women's Health Research Scholar's Program (K12HD05023)  
Funding Agency: NICHD  
Period: 2018-2020  
Total Direct Costs: \$112,144
5. **Co-Investigator**, Using Intervention Mapping to increase utilization of CRCS EBIs to increase usability of research tested intervention programs (RTIPS) through the application of Intervention Mapping (PI: Fernandez).  
Funding Agency: National Cancer Institute via contractor ICF Macro  
Period: 2017-2019  
Total Direct Costs: \$178,526

#### **PEER-REVIEWED PUBLICATIONS**

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1. \*Craig DW, **Walker TJ**, Sharma S, Cuccaro P, Heredia N, Pavlovic A, DeFina LF, Kohl III HW, Fernandez ME. (2023) Examining associations between school-level determinants and the implementation of physical activity opportunities. (*in press*).
2. \*Onadeko K, **Walker TJ**, Craig DW, Pavlovic A, Szeszulski J, DeFina LF, Kohl HW. Comparing In-person and Remote Physical Education During the COVID-19 Pandemic. American Journal of Health Education (*in press*).
3. **TJ Walker**, Craig DW, Pfladderer CD, Robertson MC, Cuccaro P, Fumero K, Bartholomew JB. Observed and Perceived Benefits of Providing Physical Activity Opportunities in Elementary Schools: A Qualitative Study. Frontiers in Sports and Active Living. 2023 Aug 31;5:1240382. PMC10501392.
4. **TJ Walker**, Pfladderer CD, Craig DW, Robertson MC, Heredia NI, Bartholomew JB. Elementary school staff perspectives on the implementation of physical activity approaches in practice: an exploratory sequential mixed methods study. Frontiers in Public Health. Aug 24;11:1193442. PMC10483115.

5. \*Dias EM, **Walker TJ**, Craig DW, Gibson R, Szeszulski J, Brandt HM, Johnson H, Lamont A, Wandersman A, Fernandez ME. Examining readiness for implementing practice changes in federally qualified health centers: A rapid qualitative study. *Journal of Community Psychology*. 2023 Apr 6.
6. Johnson AM, Knell G, **Walker TJ**, Kroshus E. Differences in American adolescent sport participation during the COVID-19 pandemic by learning mode: A national survey. *Preventive Medicine Reports*. 2023 Apr 1;32:102151. PMC9933460
7. McClam M, Workman L, Dias EM, **Walker TJ**, Brandt HM, Craig DW, Gibson R, Lamont A, Weiner BJ, Wandersman A, Fernandez ME. Using cognitive interviews to improve a measure of organizational readiness for implementation. *BMC Health Services Research*. 2023 Dec;23(1):1-0. PMC9881511
8. **Walker TJ**, Foster F, Szeszulski J, Craig DW, Mullen PD, Fernandez ME. Evidence-Based Intervention (EBI) Mapping: A Systematic Approach to Understanding the Components and Logic of EBIs. *BMC Public Health*. 22 July 7;22(1):1300. PMID: PMC9261043.
9. Watson AK, Hernandez BF, Kolodny-Goetz J, **Walker TJ**, Lamont A, Imm P, Wandersman A, Fernandez ME. Using Implementation Mapping to Build Organizational Readiness. *Frontiers in Public Health*. *Frontiers in Public Health*. 2022; 10:904652. PMID: PMC9133550.
10. **Walker TJ**, Kohl III HK, Bartholomew JB, Green C, Fernandez ME. Using Implementation Mapping to develop and test an implementation strategy for active learning to promote physical activity in children: a feasibility study using a hybrid type 2 design. *Implementation Science Communications*. 2022. 3(1), 1-9. PMID: PMC8899444.
11. **Walker TJ**, Szeszulski J, Robertson MC, Cuccaro PM, Fernandez ME. Understanding implementation strategies to support physical activity approaches in elementary schools: a qualitative study. *Evaluation & Program Planning*. 2022 Jun 1;92:102051. PMID: PMC9177707.
12. Menendez CC, Munoz R, **Walker TJ**, Amick BC. Applying the Australian Occupational Driver Behavior Questionnaire to U.S. Taxi Drivers: Different Country, Different Occupation and Different Worker Population. 2022. Sep 1;82:409-16.
13. Szeszulski J, Helal Salsa G, Cuccaro P, Markham CM, Martin M, Savas LS, Valerio M, **Walker TJ**, & Springer AE. Using Community-Academic Partnerships and a Creative Expression Contest to Engage Youth in the Development of Communication Materials for Promoting Behaviors that Prevent COVID-19. *Health Promot Pract*. 2022 Jan 19: 15248399211070547.
14. **Walker TJ**, Craig DW, Pavlovic A, Thiele S, Natale B, Szeszulski J, DeFina LF, & Kohl III HW. Physical Activity and Healthy Eating Programming in Schools to Support Student's Health-Related Fitness: An Observational Study. *International Journal of Environmental Research and Public Health*. 2021. 18(21): 11069. PMID: PMC8583401.
15. Schlecter CR, Del Fiol G, Lam CY, Fernandez ME, Greene T, Yack M, Schulthies MS, Nelson M, Bohner C, Pruhs A, Siaperas T, Kawamoto K, Gibson B, Nahum-Shani I, **Walker TJ**, Wetter DW. Application of Community – Engaged Dissemination and Implementation Science to Improve Health Equity. *Preventive Medicine Reports*. 2021. Dec 1;24:101620. PMID: PMC8684008.
16. Szeszulski J, Craig DW, **Walker TJ**, Foster M, Mullen P, & Fernandez ME. Applying Evidence-Based Intervention (EBI) Mapping to Identify the Components and Logic of Colorectal Cancer Screening Interventions. *Transl Behav Med*. 2022. Feb;12(2):304-23. PMID: PMC8848996.
17. **Walker TJ**, Craig DW, Szeszulski J, Fernandez ME. Examining the Validity and Reliability of Measures for Individual-Level Constructs related to the Implementation of School-Based Physical Activity Approaches. *Journal of Healthy Eating and Active Living*. 2021 Sep 23;1(3):117-26.
18. Szeszulski J, **Walker TJ**, Robertson MC, Fernandez ME. Differences in Psychosocial Constructs among Elementary School Staff that Implement Physical Activity Programs: A Step in Designing

- Implementation Strategies. *Translational Behavioral Medicine*. 2022 Feb;12(2):237-42. PMID: PMC8849002.
19. Pavlovic A, DeFina LF, Natale BL, Thiele SE, **Walker TJ**, Craig DW, Vint GR, Haskell LD, Kohl HW. Keeping Children Healthy During and After the COVID-19 Pandemic: Meeting Youth Physical Activity Needs. *BMC Public Health*. 2021 Mar 11;21(1):485. PMID: PMC7948663.
  20. Szeszulski J, Lanza K, Dooley E, Johnson A, **Walker TJ**, Knell G, Craig D, Robertson M, Salvo D, Kohl HW. Y-PATHS: A Conceptual Framework for Classifying the Time, How, and Setting of Children's Physical Activity. *Journal of Physical Activity and Health*. 2021 Feb 13;18(3):310-317. PMID: PMC8035289.
  21. Szeszulski J, **Walker TJ**, McCurdy S, Hoelscher D. Use of School Wellness Policy Templates in One Texas Health Service Region: A Mixed-Methods Analysis. *Journal of School Health*, 2021 Jul; 91(7):562-573. PMID: PMC8192465.
  22. **Walker TJ**, Craig DW, Robertson MC, Szeszulski J, Fernandez ME. The relation between individual-level factors and the implementation of classroom-based physical activity approaches among elementary school teachers. *Translational Behavioral Medicine*, 2021 Mar; 11(3):745-53. PMID: PMC8033594.
  23. **Walker TJ**, Brandt HM, Wandersman A, Scaccia j, Lamont A, Workman L, Dias E, Diamond PM, Craig D, Fernandez ME. Development of a comprehensive measure of organizational readiness (motivation x capacity) for implementation: a study protocol. *Implementation Science Communications*, 2020 Dec;1(1):1-11. PMID: PMC7656510.
  24. **Walker TJ**, Craig DW, Pavlovic A, Thiele S, Kohl HW. 2020 Associations between gender, school socioeconomic status, and cardiorespiratory fitness among elementary and middle school students. *BMC Public Health*, 2020 Oct;20(1):1495. PMID: PMC7531152.
  25. Ibekwe LN, **Walker TJ**, Eburnomo E, Ricks K, Prasad S, Savas L, Fernandez ME. Using Intervention Mapping to Develop an Implementation Intervention for a Cancer Prevention and Control Phone Navigation Program. *Health Promotion Practice*. 2020 Oct 9. PMID: PMC8032810.
  26. Lanza K, Abiodun O, Durand C, Gabriel KP, Knell G, Hoelscher DM, Ranjit N, Salvo D, **Walker TJ**, Kohl HW. Transit Environments for Physical Activity: The Relationship between Micro-Scale Built Environment Features Surrounding Light Rail Transit Stations and Ridership in Houston, Texas. *Journal of Transport & Health*. 2020 Dec;19. PMID: PMC7455164.
  27. Szeszulski J, **Walker TJ**, Robertson MC, Cuccaro PM, Fernandez ME. School Staff's Perspectives on the Adoption of Elementary-School Physical Activity Approaches: A Qualitative Study. *American Journal of Health Education*. 2020 Oct 19. PMID: PMC7985910.
  28. Taylor WC, Bui C, Paxton RJ, Maity S, **Walker TJ**, Robertson MC, Sadrudin SM, Hare-Everline, N, Craig DW. A Systematic Evaluation of Six Different Physical Activity Routines: A Strategic Science Approach. *Translational Journal of the American College of Sports Medicine*. 2021 Jan 1;6(1).
  29. Fernandez ME, Schlechter CR, Del Fiol G, Gibson B, Kawamoto K, Siaperas T, Pruhs A, Greene T, Nahum-Shani I, Schulthies S, Nelson M, Bohner C, Kramer H, Borbolla D, Austin S, Weir C, **Walker TJ**, Lam CY, Wetter DW. QuitSMART Utah: an implementation study protocol for a cluster-randomized, multi-level Sequential Multiple Assignment Randomized Trial to increase Reach and Impact of tobacco cessation treatment in Community Health Centers. *Implementation Science*. 2020 Dec;15(1):1-3. PMID: PMC6993416.
  30. Lionberger D, Wattenbarger L, Conlon C, and **Walker TJ**. 2020. Factors affecting aseptic loosening in primary total knee replacements: an in vitro study. *Journal of Experimental Orthopaedics*. 2020 7(1), pp.1-6. PMID: PMC7275102

31. **Walker TJ**, Heredia NI, Reininger BM. Examining the Validity, Reliability, and Measurement Invariance of the Social Support for Exercise Scale among Spanish- and English-Language Hispanics. *Hispanic Journal of Behavioral Sciences*. 2019. 41(3), pp.427-443. PMID: PMC7291866
32. Lionberger D, Conlon C, Wattenbarger L, **Walker TJ**. Unacceptable failure rate of a ceramic-coated posterior cruciate-substituting total knee arthroplasty. *Arthroplasty Today*. 2019 Jun 1;5(2): 187-192. PMID: PMC6588685
33. **Walker TJ**, Rodriguez SA, Vernon SW, Savas LS, Frost EL, Fernandez ME. Validity and reliability of measures to assess constructs from the inner setting domain of the consolidated framework for implementation research in a pediatric clinic network implementing HPV programs. *BMC Health Serv Res*. 2019 Mar 29;19(1):205. PMID: PMC6441163.
34. Heredia NI, **Walker TJ**, Lee M, Reininger BM. The Longitudinal Relationship Between Social Support and Physical Activity in Hispanics. *Am J Health Promot*. 2019 Feb 7. PMID: PMC6625903.
35. **Walker TJ**, Heredia NI, Lee M, Laing ST, Fisher-Hoch SP, McCormick JB, Reininger BM. The combined effect of physical activity and sedentary behavior on subclinical atherosclerosis: a cross-sectional study among Mexican Americans. *BMC Public Health*. 2019 Feb 6;19(1):161. PMID: PMC6366018.
36. Tullar JM, **Walker TJ**, Page TF, Taylor WC, Roman R, Amick BC 3rd. Evaluation of a Worksite-Based Small Group Team Challenge to Increase Physical Activity. *Am J Health Promot*. 2019 Feb;33(2):259-266. PMID: PMC6383520.
37. Moreland-Russell S, Adsul P, Nasir S, Fernandez ME, **Walker TJ**, Brandt HM, Vanderpool RC, Pilar M, Cuccaro P, Norton WE, Vinson CA, Chambers DA, Brownson RC. Evaluating centralized technical assistance as an implementation strategy to improve cancer prevention and control. *Cancer Causes Control*. 2018 Dec;29(12):1221-1230. PMID: PMC6384813.
38. **Walker TJ**, Risendal B, Kegler MC, Friedman DB, Weiner BJ, Williams RS, Tu SP, Fernandez ME. Assessing Levels and Correlates of Implementation of Evidence-Based Approaches for Colorectal Cancer Screening: A Cross-Sectional Study With Federally Qualified Health Centers. *Health Educ Behav*. 2018 Dec;45(6):1008-1015. PMID: PMC6226355.
39. Fernandez ME, **Walker TJ**, Weiner BJ, Calo WA, Liang S, Risendal B, Friedman DB, Tu SP, Williams RS, Jacobs S, Herrmann AK, Kegler MC. Developing measures to assess constructs from the Inner Setting domain of the Consolidated Framework for Implementation Research. *Implement Sci*. 2018 Mar 27;13(1):52. PMID: PMC5870186.
40. **Walker TJ**, Tullar JM, Diamond PM, Kohl HW 3rd, Amick BC 3rd. Validity and Reliability of the 8-Item Work Limitations Questionnaire. *J Occup Rehabil*. 2017 Dec;27(4):576-583. PMID: PMC5484749.
41. **Walker TJ**, Tullar JM, Diamond PM, Kohl HW 3rd, Amick BC 3rd. The Relation of Combined Aerobic and Muscle-Strengthening Physical Activities With Presenteeism. *J Phys Act Health*. 2017 Nov 1;14(11):893-898. PMID: PMC5653426.
42. **Walker TJ**, Tullar JM, Diamond PM, Kohl HW 3rd, Amick BC 3rd. The longitudinal relation between self-reported physical activity and presenteeism. *Prev Med*. 2017 Sep;102:120-126. PMID: PMC5586142.
43. **Walker TJ**, Tullar JM, Diamond PM, Kohl HW 3rd, Amick BC 3rd. Association of Self-Reported Aerobic Physical Activity, Muscle-Strengthening Physical Activity, and Stretching Behavior With Presenteeism. *J Occup Environ Med*. 2017 May;59(5):474-479. PMID: PMC5423824.

44. **Walker TJ**, Tullar JM, Taylor WC, Román R, Amick BC 3rd. How Do Stages of Change for Physical Activity Relate to Employee Sign-Up for and Completion of a Worksite Physical Activity Competition? *Health Promot Pract*. 2017 Jan;18(1):93-101. [No NIH Funding]
45. **Walker TJ**, Reznik M. In-school asthma management and physical activity: children's perspectives. *J Asthma*. 2014 Oct;51(8):808-13. PMID: PMC4165729.
46. Ash GI, **Walker TJ**, Olson KM, Stratton JH, Gómez AL, Kraemer WJ, Volek JS, Pescatello LS. Reproducibility of ambulatory blood pressure changes from the initial values on two different days. *Clinics (Sao Paulo)*. 2013 Dec;68(12):1509-15. PMID: PMC3840371.

#### MANUSCRIPTS UNDER REVIEW

1. \*Craig DW, **Walker TJ**, Cuccaro P, Sharma S, Heredia NI, Robertson MC, Fernandez ME. Using the R=MC<sup>2</sup> Heuristic to Understand Barriers to and Facilitators of Implementing School-based Physical Activity Opportunities: A Qualitative Study. (Under Review).
2. Iyer S, **Walker TJ**, Marroquin M, Dement M, MacMillan Uribe AL, Rethorst CD, Seguin-Fowler RA, Szeszulski J. Examining Urban-Rural Differences in School Districts' Local Wellness Policies and Policy Implementation Environments. (Under Review).
3. Helme ZE, Chalkey A, **Walker TJ**, Bartholomew J, Morris JL, McLoughlin GM, Bingham DD, Daly-Smith A. Opening the 'black box' of implementation: Developing the Creating Active Schools Logic Model. (Under Review)
4. Halder GE, Milani SA, Raji M, Brown H, Berenson A, Fernandez ME, Walker TJ, Rogers RG. Prevalence and psychosocial impact of fecal incontinence among older Mexican American women. (Under Review).

#### BOOK CHAPTERS

1. Fernandez ME, Mullen PD, Leeman J, **Walker TJ**. Evidence-Based Cancer Practices, Programs, and Interventions. In: *Advancing the Science of Implementation across the Cancer Continuum*. 2019, Oxford Press.

#### ORAL PRESENTATIONS

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1. Iyer S, **Walker TJ**, Demment M, Szeszulski J. Analyzing Urban-Rural Differences in School District's' Local Wellness Policies. Accepted as an oral presentation at Obesity Week. Dallas, TX, USA. October 2023.
2. Johnson A.M., Knell G., Walker T.J., Kroshus E. (2023) Differences in adolescent sport participation during the COVID-19 pandemic by school attendance modality: A national survey. Accepted as an oral presentation at the Active Living Conference (ACL). March 13-16, Bethesda, MD.
3. Fernandez ME, Powell B, **Walker TJ**. Implementation Mapping to Plan Implementation Strategies. Podium presentation at the 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Virtual Event. December 2021.
4. \*Szeszulski J, Lanza K, Dooley EE, Johnson AM, Knell G, **Walker TJ**, Craig DW, Robertson MC, Salvo D, and Kohl III HW. Surveillance Applications for the Novel Youth Physical Activity Timing, How, and Setting (Y-PATHS) Framework. Accepted as an oral presentation at the Society of Behavioral Medicine Conference. Online. April 2021

5. **Walker TJ**, Craig D, Pavlovic A, Thiele S, Kohl III HW. The effect of gender and economic disparities on cardiorespiratory fitness. Accepted for oral presentation at the Active Living Conference 2020, Orlando, FL.
6. \*Szeszulski J, Estabrooks P, Fernandez ME, Lee RE, **Walker TJ**. Understanding, Planning, and Evaluating Implementation Strategies for School-based Physical Activity Approaches. Accepted as a symposium for presentation at the Society of Behavioral Medicine Conference. San Francisco, CA, USA. April 2020.
7. **Walker TJ.**, Szeszulski J, Robertson M, Cuccaro P, Fernandez ME. Implementation strategies used to support physical activity approaches in elementary schools: a qualitative study. Accepted as part of a symposium for presentation at the Society of Behavioral Medicine Conference. San Francisco, CA, USA. April 2020.
8. Fernandez ME, Szeszulski J, **Walker TJ**, Markham CM, ten Hoor GA. Implementation Mapping: A Process for Improving the Delivery of School-based Physical Activity Programs. Accepted as part of a symposium for presentation at the Society of Behavioral Medicine Conference. San Francisco, CA, USA. April 2020.
9. Szeszulski J, Robertson M, **Walker TJ**. Individual-level factors related to the implementation of school-based physical activity approaches: Perspectives from multiple stakeholders. Accepted to the 2019 Conference on the Science of Dissemination and Implementation, Arlington, VA.
10. Heredia NI, **Walker TJ**, Lee M, Reininger BM. The longitudinal relation between social support and physical activity in Hispanics. The International Society for Behavioral Nutrition and Physical Activity 2018 Annual Meeting, Hong Kong, June 3-6, 2018.
11. Amick III BC, **Walker TJ**, Van Eerd D. From Research to Practice. The 2017 NIVA Physical Exercise at the Workplace Course, Reykjavik, Iceland.
12. **Walker TJ**, Vanderpool R, Brandt HM, Prajakta A, Zubizarreta M, Pilar M, Fernandez ME, Brownson RC, Moreland-Russell S, Cuccaro P, Nasir S, Vinson C, Norton W, Chambers D. Understanding Cancer Control Activities and Plans of State Teams Participating in Technical Assistance Workshops for Implementing Evidence-Based Strategies. Oral Presentation, presented at the 2017 CDC National Cancer Conference, Atlanta, GA.
13. Wandersman A, **Walker TJ**, Cook B, Kenworthy T, Scaccia JP. Using Readiness to Facilitate Implementation of Innovations Global Implementation Conference; 2017 June 20; Toronto, ON.
14. **Walker TJ**, Petry NM, Weinstock J, Pescatello LS. The Influence of Contingency Management on Physical Activity Levels among HIV Positive Substance Users. Oral Presentation, presented at the 2010 American College of Sports Medicine Conference, Baltimore, MD.

## **POSTER PRESENTATIONS**

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1. **Walker, TJ**, Kang E, Are F, Fernandez ME. Identifying mechanisms of action for implementation strategies using a retrospective implementation mapping approach. Accepted as a poster at the 2023 Annual Conference on the Science of Dissemination and Implementation, Washington DC.
2. Kang E, **Walker TJ**, Are F, Fernandez ME. Demystifying mechanisms of implementation strategies using a prospective implementation mapping logic model. Accepted as a poster at the 2023 Annual Conference on the Science of Dissemination and Implementation, Washington DC.
3. McClam M, Workman L, **Walker TJ**, Craig DW, Green S, Wandersman A, Fernandez ME. Building capacity for colorectal cancer screening in federally qualified Health centers: Practical perspectives on reporting organizational readiness assessment data. Accepted as a poster at the 2023 Annual Conference on the Science of Dissemination and Implementation, Washington DC.



4. Johnson AM, Knell G, **Walker TJ**. (2023). Differences in American Youth Sport Participation during the COVID-19 Pandemic by Socioeconomic Status: A National Survey. Accepted as a poster at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity (ISBNPA), June 14-17, Uppsala, Sweden.
5. \*Usevitch M, **Walker TJ**. Primary Care Clinicians' Use and Perceptions of the Physical Activity Vital Sign. Poster accepted to the 2023 American College of Sports Medicine Annual Meeting, Denver Colorado.
6. \*Dias, E., McClam, M., Craig, D., Workman, L., Padilla, J., **Walker, TJ**, Fernandez, M.E. (2023). Staff perspectives on the usability of readiness reports to improve the implementation of colorectal cancer screening interventions in federally qualified health centers. Accepted to the *Implementation Research Scientific Conference*. Bilbao, ESP.
7. **Walker TJ**, Zhang K, Lamont A, Diamond P, Craig D, McClam M, Workman L, Bauer C, Brandt H, Wandersman A, Fernandez ME. Examining differences in readiness scores across respondent characteristics: a cross-sectional study with employees from federally qualified health center clinics. Poster accepted at the 2022 Conference on the Science of Dissemination and Implementation, Washington DC.
8. **Walker TJ**, Craig DW, Onadeko K, Pavlovic A, DeFina LF, Kohl III HW. Association between school-level factors and the implementation of a Whole-of-School approach for physical activity: a cross-sectional study. Poster accepted at the 2022 Conference on the Science of Dissemination and Implementation, Washington DC.
9. Workman L, Zhang K, McClam MZ, Craig DW, **Walker TJ**, Padilla J, Dias E, Bauer C, Fernandez ME, Lamont A, Wandersman A. Do Organizational Readiness Scores in Federally Qualified Health Centers Differ by Urban/Rural Characteristics? Poster accepted at the 2022 Conference on the Science of Dissemination and Implementation, Washington DC.
10. \*Craig DW, **Walker TJ**, Sharma S, Cuccaro P, Heredia NI, Pavlovic A, DeFina LF, Kohl III HW, Fernandez ME. Examining Associations Between School-level Factors and Implementation of Physical Activity Programs and Activities: A Cross-Sectional Study. Poster accepted at the 2022 Conference on the Science of Dissemination and Implementation, Washington DC.
11. Valerio-Shewmaker M, Frachieur G, Savas L, Rosen A, Ibekwe L, Costa C, English A, Balasubramanian B, Rogith D, Foxhall L, Fenton S, **Walker TJ**, Craig DW, Allen C, McGaha P, Chenier R, Hines D, Padilla J, Amos C, Robinson G, Fernandez ME. Developing strategies to increase implementation of evidence-based interventions for colorectal cancer screening in federally qualified health centers: an implementation mapping approach. Poster accepted at the 2022 Conference on the Science of Dissemination and Implementation, Washington DC.
12. \*Onadeko K, **Walker TJ**, Craig DW, Pavlovic A, Szeszulski J, DeFina LF, Kohl HW. Comparing In-person and Remote Physical Education During the COVID-19 Pandemic. Poster presented at the 96th Annual School Health Conference. Albuquerque, NM, USA, July 2022.
13. Rolke L, MacMillan Uribe A, Rthorst C, Seguin-Fowler R, **Walker TJ**, Szeszulski J. Understanding School-based Local Wellness Policy Implementation: Relationship Between the School District Implementation Stakeholders and Wellness Goals. Poster presented at the 2022 International Society of Behavioral Nutrition and Physical Activity Conference, Phoenix, AZ, USA.
14. Rosen A, **Walker TJ**, Craig DW, Frachiseur G, Dias E, Padilla J, Hines D, Savas L, Valerio M, Fernandez ME. Examining Barriers to Implementing Evidence Based Interventions for Colorectal Cancer Screening in Federally Qualified Health Centers: A Multi-method Approach. Accepted at American Society of Preventive Oncology. March 2022.

15. **Walker TJ**, Szeszulski J, Craig DW, Onadeko K, & Fernandez ME. Association between school-level factors and the implementation of classroom-based physical activity approaches in elementary schools: A cross-sectional study. Accepted as a poster presentation at the 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Virtual Event. December 2021
16. \*Dias E, **Walker TJ**, Craig D, Johnson H, Szeszulski J, Gibson R, Brandt H, Wandersman A, & Fernandez ME. Federally qualified health center staff's understanding of the organizational readiness subcomponents from the R=MC2 heuristic: A rapid qualitative analysis. Accepted as a poster presentation at the 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Virtual Event. December 2021.
17. \*Szeszulski J, Dias E, Ibekwe LN, Gibson R, Lamont A, **Walker TJ**, Wandersman A, & Fernandez ME. Understanding Organizational Readiness in Federally Qualified Health Centers: A Qualitative Content Analysis of General Capacity Subcomponents from R=MC2. Accepted as a poster presentation at the 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Virtual Event. December 2021.
18. McClam M, Workman L, **Walker TJ**, Brandt H, Craig D, Dias E, Gibson R, Wandersman A, & Fernandez ME. Cognitive interviewing to improve an organizational readiness measure for implementation. Accepted as a poster presentation at the 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Virtual Event. December 2021.
19. \*Dias E, **Walker TJ**, Craig D, Gibson R, Szeszulski Jacob, & Fernandez ME. Understanding subcomponents from the R=MC2 heuristic that are relevant to implementing colorectal cancer screening programs in the Federally Qualified Health Center (FQHC) setting: a qualitative study. *UTHealth School of Public Health Research Day*, Houston, TX. April 2021.
20. \*Dias E, **Walker TJ**, Craig D, Gibson R, Szeszulski Jacob, & Fernandez ME. Clinics' response to subcomponents from the R=MC2 heuristic that are relevant for colorectal cancer screening programs in the Federally Qualified Health Center (FQHC) setting: A rapid qualitative exploration. *Research Beyond Boundaries Conference*, Dallas, TX. April 2021.
21. Helal Salsa G, Szeszulski J, Cuccaro P, Markham C, Martin M, Savas LS, Valerio M, **Walker TJ**, Springer AE. Youth-led Creative Expression COVID-19 Protection Contest. Abstract submitted to the Virtual 2020 Community Engagement Symposium "Strategies for Community Resiliency and Recovery for 2021 and Beyond", hosted by the Institute for Integration of Medicine & Science (IIMS). San Antonio, TX, October 2020.
22. \*Craig DW, Szeszulski J, Mullen P, **Walker T.J.**, Foster M, Fernandez ME. Using Intervention Mapping Processes to Understand the Key Elements of Colorectal Cancer Screening Evidence-Based Interventions. Accepted as a poster presentation at the Society of Public Health Education Conference. Online. March 2020
23. Mullen P, Craig DW, Fernandez ME., Foster M, Szeszulski J, **Walker TJ**. Identifying Determinants, Theoretical Change Methods, and Design Features of an Evidence-based Intervention: A Key Step in the Adaptation Process Using Intervention Mapping. Accepted as a workshop at the Society of Public Health Education Conference. Online. March 2020
24. **Walker TJ**, Okanlawon DO, Fernandez ME. School Staff Perceptions about the Impact of Physical Activity on Girls versus Boys: A Cross-Sectional Study. Poster Accepted at the 2020 Annual BIRCWH Meeting, Virtual Meeting.
25. \*Craig D, Szeszulski J, Mullen PD, **Walker TJ**, Foster M, Fernandez ME. PhD. Using intervention mapping processes to understand key elements of colorectal cancer screening evidence-based

- interventions. Poster Accepted at the 2020 Conference on the Science of Dissemination and Implementation, Virtual Meeting.
26. **Walker TJ**, Craig D, Pavlovic A, Thiele S, Kohl III HW. Examining Changes in the School Environment for Schools Participating in the Healthy Zone School Program: A Longitudinal Study. Poster presented at the Active Living Conference 2020, Orlando, FL.
  27. \*Craig D, **Walker TJ**, Pavlovic A, Thiele S, Kohl III HW. Examining Changes in Health Fitness Scores Over Time for Schools Participating in the Healthy Zone Schools Program: A Longitudinal Study. Poster presented at the Active Living Conference 2020, Orlando, FL.
  28. **Walker TJ**, Craig D, Knell G, Pavlovic A, Thiele S, Kohl III HW. Gender Differences across Health-Related Fitness Measures among Elementary-Aged Children: A Cross-Sectional Study. Poster presented at the 2019 Annual BIRCWH Meeting, Washington DC.
  29. **Walker TJ**, Adsul P, Cuccaro P, Ibekwe L, Brandt HM, Vanderpool RC, Pilar M, Zubizarreta M, Nasir, S, Moreland-Russell S, Norton WE, Chambers D, Vinson C, Brownson RC, Fernandez ME. Evaluating technical assistance as an implementation strategy for cancer control. Poster presented at the 2018 Conference on the Science of Dissemination and Implementation, Washington D.C.
  30. Adsul P, Nasir S, Moreland-Russell S, **Walker TJ**, Cuccaro P, Ibekwe L, Brandt HM, Vanderpool RC, Pilar M, Zubizarreta M, Norton WE, Chambers D, Vinson C, Fernandez ME, Brownson RC. Understanding Centralized Technical Assistance for the Implementation of Evidence-Based Interventions for Cancer Control. Poster presented at the 2018 Conference on the Science of Dissemination and Implementation, Washington DC.
  31. **Walker TJ**, Tullar JM, & Amick III BC. The Association between Aerobic Physical Activity and Depression across Body Mass Index Levels. Poster presented at the 2017 International Society of Behavioral Nutrition and Physical Activity Conference, Victoria, BC, Canada.
  32. **Walker TJ**, Gerasimaviciute V, Tullar JM, & Amick III BC. Are we preaching to the choir in the Physical Activity Challenge? Poster presented at the 2015 Benefits and Human Resources Conference, Austin TX.
  33. **Walker TJ**, Gerasimaviciute V, Tullar JM, & Amick III BC. Do employees who participate in the Physical Activity Challenge improve their stages of change for physical activity? Poster presented at the 2015 Benefits and Human Resources Conference, Austin TX.
  34. Gerasimaviciute V, **Walker TJ**, Tullar JM, & Amick III BC. The association between BMI and injuries across the University of Texas System. Poster presented at the 2014 Benefits and Human Resources Conference, Austin, TX.
  35. Reznik M, **Walker TJ**, Bauman LJ. Inadequate Management of Exercise-Induced Asthma in NYC Students. Poster presented at the 2013 American Public Health Association Conference, Boston, MA.
  36. Fan QW, Olson KM, **Walker TJ**, Volek JS, Kraemer WJ, Gomez AL, Stratton JH, & Pescatello LS. The variability in ambulatory blood pressure assessments on two non-consecutive days. Poster presented at the 2010 American College of Sports Medicine Conference, Baltimore, MD.
  37. Houck CD, Brown LK, **Walker TJ**, & Beausoleil N. Relationship of peer norms and adolescent sexual risk. Poster presented at the 2007 Great Lakes Regional Conference on Child Health, Cincinnati, OH.

## **SCIENTIFIC PUBLICATION REVIEW**

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Frontiers

Translational Journal of the American College of Sports Medicine

Journal of Occupational Rehabilitation

Journal of Occupational and Environmental Medicine

Timothy Walker

Health Promotion Practice  
Vaccine  
Journal of Physical Activity and Health  
Journal of Sport and Health Science  
Implementation Science Communications  
Health Education & Behavior  
BMC Public Health

### **TEACHING EXPERIENCE**

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- Co-Instructor, UTHealth School of Public Health – Dissemination and Implementation Research and Practice, Fall 2022, Fall 2023
- Instructor, UTHealth School of Public Health – Applied Measurement Theory, Summer 2021, 2022, Fall 2022, Fall 2023
- Co-Instructor, UTHealth School of Public Health – Applied Measurement Theory, Summer 2020
- Co-Instructor, UTHealth School of Public Health – Physical Activity Assessment & Surveillance, Spring 2022
- Guest Lecturer, UTHealth School of Public Health - Dissemination & Implementation Research and Practice, August 24-26, 2021
- Teaching Assistant, UTHealth School of Public Health – Latent Variable Models and Factor Analysis, Fall 2014
- Teaching Assistant, UTHealth School of Public Health – Research Design and Analysis in the Behavioral Sciences II, Spring 2015 and 2016
- Teaching Assistant, UTHealth School of Public Health – Advanced Methods in Program Evaluation, Fall 2015
- Guest Lecturer, UTHealth School of Public Health - Research to Speed Translation: Dissemination and Implementation Theories and methods Short Course, April 27-28, 2017

### **ADVISING/MENTORING**

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- Parin Hines, MPH program (Fall 2019-Spring 2020), Academic Advisor
- Benjamin Lee, PhD program (Fall 2019-Summer 2020), Dissertation Committee Member
- Derek Craig, PhD program (Spring 2020-present), Dissertation Committee Member
- Kempson Onadeko, DrPH program (Fall 2020-present), Academic Advisor
- Eman Al-Haj, MPH program (Fall 2020-Spring 2022), Academic Advisor
- Jacob Szeszulski, Postdoctoral Fellow (Fall 2019-Summer 2021), Mentor
- Emanuelle Dias, PhD program (Fall 2022-present), Dissertation Committee Member
- Kaila Pipkins, MPH Program (Spring 2022-present), Academic Advisor
- Denise Kazzaz, MPH program (Spring 2023-present), Academic Advisor
- Jesse Gavin, DrPH program (Fall 2022-present), Academic Advisor