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Vice President, Population Health and Implementation Science
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EDUCATION AND EXPERIENCE

Education

Univ. of Texas- School of Public Health	NCI Postdoctoral Fellowship	Cancer Prevention and Control	1998
Univ. of Maryland	Ph.D.	Health Education/ Behavioral Epi	1995
Univ. of Maryland	M.A.	Health Education	1992
Univ. of Maryland	B.S.	Biology (Physiology)	1989
Univ. of Maryland	B.A.	Spanish	1989

Professional Experience

UTHealth Science Center at Houston	Vice President, Population Health and Implementation Science	2023 –
UTHealth Science Center at Houston	Founding Co-Director, UTHealth Institute for Implementation Science	2021-
Univ. of Texas School of Public Health	Director, Texas Prevention Research Center	2020-
Univ. of Texas School of Public Health	Director, Center for Health Promotion and Prevention Research	2016-
Univ. of Texas School of Public Health	Professor of Health Promotion and Behavioral Sciences (tenured)	2015-
Univ. of Texas School of Public Health	Associate Director, Center for Health Promotion and Prevention Research	2011-2015
Univ. of Texas School of Public Health	Director of the SPH Office for Diversity	2001-2015
Univ. of Texas School of Public Health	Associate Professor of Health Promotion and Behavioral Sciences (tenured)	2009-2015
Univ. of Texas School of Public Health	Assistant Professor of Behavioral Sciences (Tenure Track)	2001-2009
Univ. of Texas School of Public Health	Assistant Professor of Behavioral Sciences (Non-Tenure Track)	1998-2001

Univ. of Texas School of Public Health	NCI-funded Postdoctoral Fellow	1995-1998
Macro International Inc.	Technical Director/Project Dir.	1993-1995
Macro International Inc.	Consultant	1991-1992
University of Maryland	Faculty Research Assistant	1991-1992
University of Maryland	Graduate Assistant	1990-1992
University of Maryland	Health Educator	1986-1987
National Institutes of Health	Research Assistant	1986-1987

HONORS AND AWARDS

- 2023 Lorne Bain Distinguished Chair in Public Health and Medicine
- 2022 Association of Schools & Programs of Public Health Research Excellence Award
- 2021 UTHealth Houston President's Scholar Award for Excellence in Research
- 2018 Lorne Bain Distinguished Professor in Public Health and Medicine
- 2016 University of Maryland Distinguished Alumni Award, September 2016.
- 2013 Honoree, Lesbian Health Initiative, Academic Partner Award, February 2013.
- 2012 Friend of Texas Alliance of Information and Referral Systems Award, for outstanding contribution to the field with great impact promoting the power of Information & Referral and enhancing the integrity of the profession.
- 2002 University of Texas MD Anderson Cancer Center, Center for Minority Health Research Award for Contributions to Health Disparities Research, April 2002.
- 1995 Outstanding Presentation Award, Symposium on Minorities, The Medically Underserved, & Cancer, Washington, DC, April 1995.
- 1995 University of Texas-Houston Health Science Center Postdoctoral Fellowship Award
- 1994 Outstanding New Employee Award, Macro International Inc., Calverton, MD.
- 1994 Teamwork Award for Interdivisional Cooperation, Macro International, Inc., Calverton, MD.
- 1993 Outstanding Presentation Award, Symposium on Minorities, The Medically Underserved, & Cancer, Houston, TX, April 1993.
- 1990 University Minority Fellowship, University of Maryland, College Park, MD

FUNDED RESEARCH**ACTIVE****Principal Investigator**

NU58DP007988-01-00

08/30/2025 - 08/29/2030

CDC

\$2,977,355

Optimizing Health Systems for Colorectal Cancer Screening: Implementation of Evidence-Based Interventions to Increase Colorectal Cancer Screening in Texas Federally Qualified Health Centers

The Texas Colorectal Cancer Consortium (TC3) aims to improve colorectal cancer screening rates and reduce disparities in Texas, where screening rates are low and incidence is high. Led by UTHealth Houston, TC3 will partner with Federally Qualified Health Centers (FQHCs) to implement evidence-based interventions like patient reminders, provider feedback, and patient navigation. The program targets underserved areas, aiming to increase screening rates by 50%, improve adherence to guidelines, and ensure timely follow-up for abnormal results. By addressing barriers such as transportation and cost, TC3 seeks to enhance healthcare delivery, reduce disparities, and contribute to national best practices for colorectal cancer prevention and control. Renewal grant, first awarded 06/30/2020.

MPI: Fernandez; Bala

R01HG013851

09/05/2024 - 06/30/2029

NIH/MUSC

\$263,640

Facilitating the implementation of population-wide genomic screening across diverse populations and settings (FOCUS)

The overarching goal of this study is to use Implementation Mapping to characterize population-wide genomic screening implementation processes, barrier, and facilitators across sites to create and validate a multicomponent implementation guide (FOCUS toolkit) to facilitate PGS in real world settings.

Prime PI: Allen (MUSC); Subcontract PI: Fernández

1R01HL175636-01

08/01/2024 – 07/31/2029

NIH/FIU

\$479,411

Leveraging community-to-facility service provision to implement the World Health Organization HEARTS-D guidelines in Bangladesh for improving diabetes control and prevention

This research project aims to develop, optimize, and evaluate a community-to-facility integrated strategy to facilitate effective implementation of the WHO HEARTS technical package and augment routine hypertension care in rural areas. This proposed strategy incorporates: (a) the principle of task-shifting, which involves the implementation of novel primary care programs based on reinforced referral pathways, inter-provider collaboration, capacity building, and quality of care in the primary care settings, (b) care integration leveraging community health workers (CHWs), (c) public-private partnership for implementation, and (d) strategic partnerships with the local government and the NCD Management Unit of the WHO to ensure wider adaption of the study findings. These elements will improve the uptake, trust, and sustainment of the evidence-based module in Bangladesh with lessons for LMICs more broadly.

Prime PI: Chowdhury (FIU); Subcontract PI: Fernandez

HHS001429200001

07/24/2024 to 08/31/2026

CDC/TXDSHS

\$532,179

Heart Disease and Stroke Prevention Program (CDC-RFA-DP-23-004)

Implementation of the Diabetes Prevention Program and the Heart Disease and Stroke focusing on accelerating and improving use of evidence-based approaches in community health centers in Texas. The program team conducts assessments to identify barriers and facilitators to implementation and co-develop implementation strategies to improve practice.

PI: Fernández

HHS00144630001

07/24/2024 to 08/31/2026

CDC/TXDSHS

\$408,127

Heart Disease and Stroke Prevention Innovative Program (CDC-RFA-DP-23-005)

The Heart Disease and Innovation program is a collaboration between the UTHealth Houston School of Public Health, McWilliams School of Biomedical Informatics, and the Texas Department of State Health Services (DSHS), which aims to help health systems improve their capacity to track and address hypertension and high cholesterol, particularly with respect to race, ethnicity, and language (REaL) data.

PI: Fernández

HHS00133670001

07/17/2024 to 08/31/2026

Texas Department of State Health Services

\$264,793

A Strategic Approach to Advancing Health Equity for Priority Populations with or at Risk for Diabetes (CDC-RF-DP-23-0020)

The project funded by the Texas Department of State Health Services, aims to enhance health equity by utilizing a multi-directional e-referral system hosted by the Health Information Exchange. This system will facilitate the seamless referral of patients with diabetes and prediabetes to community-based programs, involving health centers, community-based organizations, and healthcare providers in its development and implementation. The project also utilizes a technology platform to personalize and streamline the referral process, ultimately connecting patients with chronic diseases to vital community services that address their social needs.

PI: Fernández

1UM1TR004906-1

07/01/2024 to 06/31/2031

NIH/NCATS

\$46,316,269

Center for Clinical and Translational Sciences

The Clinical and Translational Science Award (CTSA) program advances clinical and translational science by focusing on our 3Cs+5Is motto: Community, Collaboration & Careers + Impact, Inclusion, Implementation, Innovation, and Informatics. We have created a premiere research infrastructure, core resources, and state of the art initiatives to advance translational science in meaningful ways. Our Clinical Research Units (CRUs) are strategically positioned across the state of Texas creating a robust, interactive network that represents and integrates diverse patient populations that have been excluded from national initiatives and deprived of healthcare benefits associated with novel interventions and treatments.

MPIs: McPherson, Fernández, Karp, Reininger, Zhang, McNeill, Meric-Bernstam

AGT012240

12/22/2023 to 12/21/2025

Multiple Sclerosis Association of America

\$2,944,773

Multiple Sclerosis Implementation Network

The primary goal of MSIN is to improve Multiple Sclerosis (MS) practice by creating and supporting a practice-based research network providing a collaborative learning environment for clinical partners that provide care for patients with MS across the country to advance MS research and practice. We aim to achieve this goal through three specific aims: 1) Establish the MSIN - a Practice Based Research Network of clinical partners that provide care for patients with MS. 2) Establish an Implementation Research Program (IRP) enabled to conduct rapid-cycle implementation research; and conduct an initial implementation research study. 3) Generate, synthesize, and translate evidence for best practices.

PI: Fernández

U54CA284109

09/20/2023 to 06/30/2028

NIH/NCI

\$4,871,481

Leveraging Implementation Science To Optimize Strategies for Cancer Control

This project aims to advance global implementation science (IS) in cancer control in Mexico and Latin America. LISTOS for Cancer Control - Leveraging Implementation Science To Optimize Strategies for Cancer Control will increase capacity for implementation science for cancer control in Mexico and Latin America. The project proposes to establish a new center in Mexico and carry out two cancer control implementation science research projects: 1) Implementing colorectal cancer screening in publicly funded health systems in Mexico, and 2) Implementation of integrated care for rapid diagnosis of breast cancer in Mexico.

Multi PI: Fernández, Unger, LaJous

R01CA282424

09/19/2023 – 08/31/2028

NIH/University of Puerto Rico Medical Sciences Campus \$108,335

The effectiveness, cost effectiveness, and budget impact of interventions to IMPROVE the delivery of cervical cancer screening in Puerto Rico. The IMPROVE Study – R01

The effectiveness, cost-effectiveness, and budget impact of interventions to improve the delivery of cervical cancer screening in Puerto Rico. Cervical cancer screening rates have declined rapidly in recent years in PR, highlighting an urgency to improve screening delivery and participation to make cervical cancer occurrence avoidable and reduce magnifying disparities.

Prime PI: Deshmukh (MUSC); Ortiz (UPR); Subcontract PI: Fernández

T32CA057712

07/01/2023 to 06/30/2028

NIH/NCI

\$2,412,545

Cancer Prevention and Control Research Training and Career Development Program

The long-term goal is to reduce cancer morbidity and mortality by training innovative cancer prevention scientists that will improve the quality and impact of cancer prevention research. Trainees come from across biomedical, bioinformatics, and public health disciplines and participate in mentored training on innovation and transdisciplinary team science to improve cancer prevention and control and reduce cancer related health disparities.

Multi PI: Fernández, Bala

AGT011848

07/01/2023 to 06/30/2026

CARRA

\$287,276

Childhood Arthritis and Rheumatology Research Alliance

Evolution of CARRA Consensus Treatment Plans: Using Implementation Mapping to Increase Utilization of CARRA Consensus Treatment Plans

The long-term goal of the project is to collaborate with the Consensus Treatment Plan (CTP) Task Force to increase the adoption, implementation, and widespread use of CTPs among Childhood Arthritis and Rheumatology Research Alliance (CARRA) Registry sites. This project will use Implementation Mapping to develop and pilot strategies to enhance the adoption and consistent implementation of the polyarticular juvenile idiopathic arthritis CTP.

PI: Fernández

RP210042

06/01/2021 – 05/31/2026

CPRIT

\$3,998,235

Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers

Our long-term goal is to reduce cancer morbidity and mortality by training innovative cancer prevention scientists that will improve the quality and impact of cancer prevention research. Trainees come from across biomedical, bioinformatics, and public health disciplines and participate in mentored training on innovation and transdisciplinary team science to improve cancer prevention and control and reduce cancer-related health disparities.

PI: Fernández (Mullen, Co-Director)

5R01CA228527
NIH/NCI (R01)

12/01/2018 - 11/30/2025
\$3,084,343

Development and Validation of a Measure of Organizational Readiness (motivation x capacity) for Implementation.

Organizational readiness plays a critical role in the implementation of evidence-based interventions (EBIs) for cancer control and prevention (programs, practices, and policies). The overall goal of this study is to develop a theoretically-informed, pragmatic, reliable and valid measure of organizational readiness that can be used across settings and topic areas, by researchers and practitioners alike, to increase and enhance implementation of cancer control interventions.

PI: Fernández

Co-Investigator

NIH

09/14/2025-06/30/2029
\$2,831,602

Delivery of a Culturally Tailored Exercise Training Intervention for Hispanics with Multiple Sclerosis

The proposed study is a novel application of exercise training among Hispanics with MS who experience disproportionate rates of mobility disability compared to non-Hispanic Whites.

PI: Silveira; Co-I: Fernández

NIAD

08/11/2025-07/31/2030
\$1,950,005

The Texas Implementation Science Research Consultation Hub to End HIV

Serve as a critical cross institutional infrastructure for building capacity in HIV implementation research, practice, and policy to advance the translation of evidence-based HIV practice. The successful completion of this project will enhance knowledge and capacity in implementation science and HIV, ultimately accelerating the translation of evidence-based HIV prevention, treatment, and management and contributing to ending the HIV epidemic.

PI: Rodriguez; Co-I: Fernández

1K18HS030173-01
AHRQ

08/01/2024 to 07/31/2026
\$275,000

Advancing patient advocacy group-driven research via implementation science

Our proposed research projects involve patient-advocacy groups and IS teams as equal collaborators to increase implementation of EBIs within different contexts. We believe that an IS approach will facilitate advocacy group-led research efforts and investigating the effectiveness of these efforts (implementation and clinical outcomes) will increase our understanding of what approach works for various advocacy groups and in what contexts.

PI: Blakely

Primary Mentor: Fernández

1U24HL166769-01
NIH/NHLBI

09/17/2024 – 07/31/2031
\$5,049,670

1/2 Inhaled Nitric Oxide for Congenital Diaphragmatic Hernia - The "NONO trial" - a pragmatic, multi-center, de-implementation, stepped-wedge, cluster-randomized trial

Throughout the trial, implementation science metrics will be used to identify factors influencing de-implementation and this information will be used to adapt strategies to increase de-implementation of iNO. This implementation science Aim is novel and will ensure that our understanding of factors related to de-implementation of a likely low value therapy is improved and these lessons learned can be applied to future trials attempting to increase implementation of an evidence-based intervention or de-implement a low value

therapy. If de-implementation of iNO is lower than expected, this Aim will become even more important in understanding why.

MPI: Harting; Co-I: Blakley, Fernandez

1024HL173304

05/15/2024 to 04/30/2031

NIH/NHLBI/RTI

Neonatal Platelet Transfusion Threshold Trial (NeoPlaTT)

The Neonatal Platelet Transfusion Threshold (NeoPlaTT) trial was specifically designed to address critical questions around the acceptable platelet transfusion threshold and will test the hypothesis that, among extremely preterm infants born at 23 to 26 weeks gestation, a low platelet transfusion threshold, compared to a high threshold, will improve survival without major or severe bleeding up to 40 weeks postmenstrual.

PI: Das (RTI)

Subaward Co-I: Fernandez, Blakely

23SCISA1144642

07/01/2023 to 06/30/2026

AHA

\$400,000

Pre-Hospital Management of Large Vessel Occlusion Ischemic Stroke Utilizing Mobile Stroke Units (LVO-MSU)

Determine the optimal MSU workflow in patients with clinically suspected LVO. Identify the barriers and facilitators to MSU DTAS protocols through interviews utilizing qualitative methods and content analysis with MSU providers. Evaluate the overall treatment effect (improvement in disability) and safety in LVO patients.

PI: Czap

Co-Investigator: Fernández

U54CA280804

06/15/2023 – 04/30/2028

NIH/MDACC

\$1,537,068

Center for Transformative Community-Driven Research to Prevent Obesity-related Cancer

Major Goals: The proposed aims of the Center are: 1) To test interventions to address risk factors for obesity-related cancers using a health promotion interweaving approach in the context of Be Well™ Acres Homes, building on the existing infrastructure of community collaboration, planning and programming. 2) To collaborate with residents and community organizations to foster an environment that supports the conduct of research and the implementation of programs that can alleviate the effects of persistent poverty, and 3) To support the careers of transdisciplinary teams of early-career researchers including trainees and early stage faculty and build their expertise in conducting research to promote cancer prevention and control in persistent poverty communities, with a focus on development to trainees and investigators from under-represented groups.

Prime PI: Basen- Engquist (MDACC); Subcontract PI: Sharma; Co-I: Fernández

Mentor

2023-2028 (Fernandez, Bala, MPIs). National Institute of Health (T32). 2T32CA057712-26. *Cancer Prevention and Control Research Training and Career Development Program*.

2021-2026 (Fernandez, M, PI) Cancer Prevention and Research Institute of Texas (CPRIT). P160015. *Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers*

2018-2023 (Fernandez, Mullen, Vernon., MPIs). National Institute of Health (T32). 2T32CA057712-26. *Cancer Prevention and Control Research Training and Career Development Program*.

2018-2023 (Thackeray, A., PI) National Institute of Health. 5K01HS026518. University of Utah. *Leveraging Physical Therapy to Improve Physical Activity in Older Adults with Chronic MSK Conditions*.

PENDING

DOD

Supporting the Integration of Physical Activity into Routine Primary Care for Breast Cancer Prevention in female Veterans

The overall objective of this project is to integrate and evaluate the Physical Activity Assessment, Prescription, and Referral (PAAPR) model as a core service within VA clinical workflows to support primary prevention of breast cancer in women Veterans. This project will deliver the first rigorous evidence on how to embed PAAPR into VA women's health clinics, advancing DoD BCRP's mission to reduce breast cancer risk in women Veterans. By starting in Houston and Temple/Austin—two of the largest and most diverse VA systems in Texas—we will establish a scalable, transferable model that can transform preventive care for women Veterans nationwide.

PI: Ramirez Varela, Co-I: Fernandez

12/01/2025-11/30/2028

CPRIT Prevention

\$1,499,986

ACCESS: Advancing Colorectal Cancer screening in East and South TX

Project aims to improve CRC rates and reduce CRC disparities by enhancing adoption, implementation, and sustainment of evidence-based interventions (EBIs). Collaborating with FQHCs in East and South Texas, we will co-develop implementation strategies to increase adoption and use of EBIs, deliver clinical services, including the distribution of fecal immunochemical test (FIT) kits and referrals for colonoscopy.

MPI: Fernandez, Bala

12/01/2025-06/01/2028

MDACC/CPRIT

\$224,405

Continuation of Project ACCESS: Increasing Access to Cervical Cancer Screening & Treatment Services in Texas

A continuation of two prior CPRIT funded projects that provide cervical cancer prevention services to women at collaborating sites across Texas. The project is a comprehensive approach which includes public education about screening and HPV vaccination through community outreach and clinic in-reach, coupled with patient navigation to services. We will also provide education and training to local providers to build capacity to deliver quality cervical cancer prevention services through hands-on colposcopy and LEEP training courses and telementoring using Project ECHO.

PI: Varon; Collaborator: Fernandez

09/01/2025-08/31/2026

NIH/NCI U54 Admin Supplement

\$152,459

Power in Motion: Implementing the LISTOS Physical Activity Assessment, Prescription and Referral for Breast Cancer Prevention and Control

The project will conduct a supplemental study that leverages and significantly enhances the "LISTOS for Cancer Control - Leveraging Implementation Science to Optimize Strategies for Cancer Control" parent grant 5U54CA284109-02. We will develop Physical Activity Assessment, Prescription, and Referral (PAAPR) implementation strategies that are feasible, scalable, and sustainable across diverse clinical settings—including specialized screening centers like the Specialized Medical Unit for Breast

Cancer Detection and Diagnosis (UNEME-DEDICAM) and, primary care units such as the South Texas Rural Health Centers (STRHC), which serve medically neglected populations in Mexico and Texas.

PI: Ramirez Varela; Fernandez

12/01/2025-11/30/2030

NIH

\$724,063

Developing a multifaceted implementation strategy to increase physical activity in Pre-Kindergarten classrooms

Proposes to develop a multifaceted implementation strategy and measures of implementation fidelity to increase children's physical activity in prekindergarten classrooms.

PI: Craig; Mentor: Fernandez

09/30/2026-02/29/2030

DOD

\$3,535,187

Type I Hybrid Trial of Sexual Assault Bystander Intervention Prevention Program

The proposed study is a Type I Hybrid Implementation-Effectiveness Trial. Implementation data will be collected concurrently with an effectiveness trial of the sexual assault prevention interventions Bringing In The Bystander® and Know Your Power® to the National Guard and U.S. Army Reserve.

PI: Benzer, Co-I: Fernandez

04/01/2026-03/31/2031

NIH/NCATS UG3/UH3

AI for reverse translation (AI4RT): accelerating the discovery of pathways from resilience to treatment in rare diseases

The project proposes to develop, disseminate, and sustain a transformative platform for AI-driven reverse translation (AI4RT), aiming to accelerate the discovery of pathways from resilience to treatment in rare diseases. AI4RT offers a novel, patient-centered pathway from bedside to bench, reversing traditional translational paradigms by starting from human biological variability to uncover mechanistic insights. Its long-term impact includes reducing time to therapeutic discovery, enabling personalized medicine, and generating insights translatable to complex common diseases.

PI: Liu; Co-I: Fernandez

04/01/2026-03/31/2031

NIA/K01

\$638,491

Nudging What Matters: Implementing Priorities-Aligned Care for Older Adults with Multimorbidity Through Behavioral Economics

K01 project aims to develop and gather preliminary evidence testing the premise that behavioral economics-informed implementation strategies—targeting both patients and clinicians—can enhance adoption and reach of PPC for older adults with multimorbidity in primary care clinics.

PI: Kang; Mentor: Fernandez

12/01/2025-11/30/2028

CPRIT

\$998,699

Boosting Breast and Colorectal Cancer Prevention through Physical Activity Assessment, Prescription, and Referral into Clinical Care Among Communities in Need

The proposed study will design and test strategies for integrating an evidence-based intervention – the Physical Activity Assessment, Prescription, and Referral (PAAPAR) model – as a core service within VA clinical workflows to support primary prevention of breast cancer in women Veterans.

PI: Ramirez Varela; Co-I: Fernandez

12/01/2025-11/30/2027

NIH/NCI R21

\$429,000

Identifying Mechanisms of Implementation Strategies for Cancer Control: An Implementation Mapping Approach (Resubmit)

The proposed study will elucidate the mechanisms of Expert Recommendations for Implementing Change (ERIC) strategies using an Implementation Mapping (IM) approach and will develop and pilot-test an online Implementation Mechanism Decision-Support Tool, now referred to as Mechanisms for Accelerating Translation of Cancer Health interventions (MATCH).

PI: Kang; Co-I: Fernandez

04/01/2026-03/31/2028

NIH/NCI R21

\$42,849

Development and validation of disaster response instruments for cancer care readiness

The proposed study will incorporate epidemiology into disaster management, enabling us to test the hypothesis that the cumulative effects of repeated disasters exacerbate cancer-related outcomes by disrupting the continuity of care and hindering access to timely treatment. Our study will bring together experts in implementation science to guide the assessment and integration of evidence-based strategies for improving readiness and response in oncology clinics, where studies have shown that even two-day treatment delays harm survival. Utilizing unique and robust population-based databases, we will generate empirical data to document the historical long-term impact of disasters on public health and healthcare systems. This investigation will enable us to test the hypothesis that the cumulative effects of repeated disasters exacerbate cancer-related outcomes by disrupting the continuity of care and hindering access to timely treatment.

PI: Colon (UPR); Sub Co-I: Fernandez

12/01/2025-11/30/30

NIH/NCI R01

\$165,635

Enhancing Cancer Care Delivery: Monitoring and Implementing Disaster and Emergency Preparedness Strategies

This study will advance a systematic epidemiological approach to document cancer disparities in disaster research incorporating implementation science research, acknowledging the urgent need for empirical data to advance targeted readiness processes across cancer radiotherapy clinics, particularly given the detrimental impact of treatment disruptions, as delays as short as two days negatively affect survival.

PI: Colon (UPR); Sub Co-I: Fernandez

01/01/2026-12/31/2030

International Progressive MS Alliance/Shepherd Center \$200,000

Real-Time Remote Patient Monitoring System to Detect the Progression of Clinical Disability in Real-World Settings in People with Progressive Multiple Sclerosis

This project aims to develop and validate a smart sock-based remote patient monitoring (RPM) system to track disability progression and the impact of interventions in people with progressive multiple sclerosis (MS). The system uses textile-embedded sensors to continuously collect gait data in real-world environments, addressing the limitations of periodic in-clinic assessments. Through a multi-year longitudinal study and a randomized controlled trial, the project will evaluate the system's ability to predict changes in clinical disability and detect mobility improvements from evidence-based interventions. Additionally, the project incorporates implementation research to identify barriers and facilitators to adoption across diverse clinical settings, laying the groundwork for broad implementation and dissemination in Stage 3. Ultimately, this work seeks to enhance accessibility, usability, and clinical relevance, advancing the International Progressive MS Alliance's global research priorities.

PI: Willingham; Subaward Co-I: Fernandez, Silveira, Bala

12/01/2025-11/30/2028

NIH

\$105,549

Point-of-Care Weight Loss Integration in Cardiology Clinics: A Randomized Controlled Trial to Improve Cardiac Outcomes

Weight loss can significantly reduce the health and economic burden of cardiovascular diseases for people with obesity, but barriers such as limited provider time, expertise, and patient follow-through hinder effective weight loss interventions. Only 10% of patients advised to lose weight seek professional help. A point of care (POC) weight loss tool in cardiology clinics may improve care efficiency and outcomes. The Small Changes app, which automates personalized dietary therapy, has shown ~7% weight loss in trials but hasn't been evaluated in cardiology settings. This study aims to test the efficacy, reach, and feasibility of implementing Small Changes in a cardiology clinic. Patients will be randomized to POC weight loss treatment or standard practice. The study will explore barriers and facilitators to implementation, aiming to establish a foundation for future large-scale trials.

PI: Whigham; Co-I: Fernandez

09/01/2025-08/31/2026

NIH/NCI

\$99,996

Leveraging System-Level Strategies to Implement Obesity Prevention in Maquiladoras

The Obesity-Cancer Supplement aims to reduce obesity and cancer risk in the TX-Mexico border region by integrating prevention strategies into maquiladora workplaces. The study will assess system-level needs, adapt interventions like the Small Changes program and healthy cafeteria initiatives, and develop a sustainable implementation roadmap. Leveraging the LISTOS for Cancer Control program, it seeks to create scalable, culturally tailored solutions to address health disparities in underserved populations.

MPI: Fernandez, Aguilera

09/31/2025-08/31/2030

\$165,635

Enhancing Cancer Care Delivery: Monitoring and Implementing Disaster and Emergency Preparedness Strategies

The study aims to assess the impact of repeated disasters on cancer treatment continuity in Puerto Rico, focusing on radiotherapy. It will estimate the effects of hurricanes, seismic activity, and the COVID-19 pandemic on treatment, hospitalization, and mortality rates. Using Intervention Mapping, the study will develop an intervention to increase organizational readiness in radiation oncology clinics. A pragmatic randomized trial will evaluate the effectiveness of a new disaster preparedness protocol in improving readiness and response during emergencies, aiming to ensure continuous cancer care.

PI: Colon; Co-I: Fernandez

04/01/2026-03/31/2031

NIH

\$3,908,742

Optimizing and evaluating an implementation strategy to improve use of classroom-based physical activity approaches in elementary schools

Our team used Implementation Mapping to develop MAGIC (Movement for Academic Growth in Classrooms), a multifaceted implementation strategy to promote physically active breaks and lessons in elementary schools. The proposed study sets out to optimize MAGIC and conduct a rigorous evaluation to understand its impact on implementation and sustainability.

PI: Walker; Co-I: Fernandez

07/01/2025-06/30/2028

IES

\$1,999,999

Developing a Flexible Intervention to Support Family-School Partnerships for Students from Underserved Communities

Primarily leveraging the existing Play and Learning Strategies (PALS) parenting program's curriculum and resources, staff at the Children's Learning Institute (CLI) at UTHealth Houston will iteratively develop new enhancements for students from underserved communities.

PI: Zucker; Consultant: Fernandez

07/01/2025-06/30/2028

IES

\$1,999,996

Redesigning a Tier 2 Reading Intervention for Scalability & Improved Implementation

Our primary goal is to develop a new package of implementation supports for fidelitous and sustained implementation of a small-group reading intervention.

PI: Zucker; Consultant: Fernandez

07/01/2025-06/30/2028

OBSSR

\$625,144

Training the Next Generation of Firearm Injury Prevention Researchers at the University of Texas Summer Institute Addressing Firearm Research (UTSAFR)

Our short course in firearm injury prevention research will provide education, research skills training, and mentorship to early- and mid-career health professionals so that they can help reduce firearm deaths and injuries.

PI: DeMello; Other Significant Contributor: Fernández

COMPLETED (TOTAL DIRECT)

Principal Investigator

1U48DP006408-01

09/30/2020 - 09/29/2025

CDC

\$3,736,947

University of Texas Prevention Research Center

The UTPRC's five-year goal is to decrease cancer and chronic-disease related morbidity and mortality and health disparities among African Americans and Hispanics in urban and rural settings in Texas by increasing the use of evidence-based cancer control interventions, policies, and guidelines. The core research study is developing and testing implementation strategies to increase reach, effectiveness, implementation, and maintenance of an evidence-based breast and cervical cancer screening and HPV vaccination program for Latinas.

PI: Fernández

3U54CA284109

09/01/2024 – 08/31/2025

NCI

\$127,173

Implementation Evaluation of a Workplace Self-Sampling HPV Detection Program within the Mexican Social Security Institute

Our research seeks to identify these barriers, explore patient and provider perspectives, and design strategies to enhance program adoption, implementation, effectiveness, and maintenance ultimately contributing to improved cervical cancer control in Mexico.

PI: Fernández

1NU58DP006767

06/30/2020 - 08/29/2025

CDC

\$3,887,024

Implementation of Evidence-based Interventions to Increase Colorectal Cancer Screening in Texas Federally Qualified Health Centers

The project builds on long-standing relationships with FQHC partners to increase the adoption and implementation of evidence-based approaches for increasing colorectal cancer screening (CRCS) and follow-up

for underserved patients. The program enables a sustained increase in CRCS rates among FQHCs reaching severely underserved and minority populations in Texas to reduce the burden of CRC and CRC-related health disparities.

PI: Fernández

- 2022-2024 NIH/NCATS. *Addressing COVID-19 Testing Disparities in Vulnerable Populations Using a Community JITAI (Just in Time Adaptive Intervention) Approach: RADxUP Phase III.* (MPI: Fernandez, Reininger, Bauer, Fujimoto, McPherson, 1U01TR004355-01) (\$2,179,847)
- 2019-2024 NIH/NCI. *Partnership for Excellence in Cancer Research - National Cancer Institute.* (Subaward from MDACC PI Travis, U54CA96300), \$1,060,860
- 2021-2024 NIH/NCATS. *RADxUP Phase II. Addressing COVID-19 Testing Disparities in Vulnerable Populations Using a Community JITAI (Just in Time Adaptive Intervention) Approach – Phase II.* (MPI: Fernandez, McPherson, de Oliveira Otto, Reininger, 3UL1TR003167-03S3) (\$2,333,630)
- 2016-2024 CPRIT: *For Our Children: A tailored multi-level intervention for parents and healthcare providers to increase HPV vaccination rates.* (PI: Fernandez, RP170493) (\$1,487,683)
- 2020-2023 NIH/NCATS. *RADxUP: Understanding and Addressing COVID-19 Testing Disparities in Vulnerable Populations: A multilevel and Multi-method Approach - Phase I.* (MPI: Fernandez; McPherson; Reininger; de Oliveira Otto) (\$4,998,788).
- 2019-2023 TXDSHS. *Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke.* (PI: Fernandez) (\$5,255,580)
- 2021-2023 HRSA. *Community-Based Workforce to Increase COVID-19 Vaccinations in Underserved Communities.* (MPI: Fernandez; Reininger; Cucarro) (\$10,345,056)
- 2021-2023 UTHHealth. *Establishment of the Texas Institute for Implementation Science.* (PI: Fernandez) (\$200,462).
- 2018-2023 NIH (T32). *Cancer Prevention and Control Research Training and Career Development Program.* (MPI: Fernandez, Mullen, Vernon) (\$2,069,175).
- 2022-2023 CARRA. *CARRA Consensus Treatment Plan Perspectives.* (PI: Fernandez) (\$140,728)
- 2021-2022 World Health Organization *WHO Implementation Research Technical Assistance.* (PI: Fernandez) (\$35,000)
- 2021-2022 World Health Organization *Development of a Complementary Tool and Examples to Support Implementation Research for NCD Prevention and Control.* (PI: Fernandez) (\$13,000)
- 2021-2022 CDC *Connecting Behavioral Science to COVID-19 Vaccine Demand (CBS-CVD) Network.* (MPI: Fernandez, Cuccaro) (\$396,825)
- 2021-2022 World Health Organization *WHO Implementation Research-Training.* (PI: Fernandez) (\$10,318)

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- 2018-2021 Susan G. Komen *Graduate Training Program in Breast Cancer Disparity at UTSPH*. (PI: Vernon, Co-PI: Fernandez) (\$405,000)
- 2018-2020 PCORI/Univ. Utah *Multi-level interventions for increasing tobacco cessation at FQHCs*. (PI: Wetter; Subcontract PI: Fernandez) \$218,123
- 2017-2020 NIH/UTMB *Building Interdisciplinary Research Careers in Women's Health (BIRCWH)* (PI: Berenson-UTMB; Subcontract PI: Fernandez) \$106,046
- 2013-2020 National Cancer Institute *U54 Partnership for Excellence in Cancer Research*. Awarded to MD Anderson Cancer Center and University of Puerto Rico with UTSPH subcontract (PI: G Lopez-Bernstein; Fernandez, PI subcontract, co-lead of Outreach Core) (\$3.6 million; subcontract \$477,986.)
- 2017-2019 National Cancer Institute via contractor ICF Macro. *Using Intervention Mapping to Increase Utilization of RTIPs CRCS EBIs*. To increase usability of Research Tested Intervention Programs (RTIPS) through the application of Intervention Mapping. \$178,526. 2017-2019
- 2012-2019 National Cancer Institute R01- *Dissemination and Implementation Research in Health: Increasing Reach and Implementation of Evidence Based Programs for Cancer Control*. (Multiple PIs: Fernandez, Mullen) \$3.8 million
- 2017-2019 *Building Interdisciplinary Careers in Women's Health* (Berensen PI- UTMB; Fernandez PI of subcontract). \$112,144
- 2015-2019 Cancer Prevention and Research Institute of Texas. (PP150054) *Alliance for Colorectal Cancer Testing (ACT) in Southeast Texas*. (PI of subcontract: PI, MDAnderson, Foxhall). (Subcontract: \$645,855)
- 2016-2018 NIH *Increasing Reach and Implementation of Evidence Based Programs for Cancer Control*. Supplement to R01. (Multi PIs, Fernandez and Mullen). (\$81,168)
- 2015-2018 Cancer Prevention and Research Institute of Texas (CPRIT) Prevention Grant (PP1600051). *Dissemination of an Evidence-Based HPV Vaccination Intervention in Community and Clinical Settings*. (\$300,000)
- 2014-2018 Cancer Prevention and Research Institute of Texas.. (PI of subcontract; PI, Megdal, Legacy Community Health Services). *Implementing a Multi-Level Intervention to Increase HPV Vaccination and Decrease Cancer Disparities among FQHC Patients in Harris and Jefferson Counties*. (Subcontract \$246,143)
- 2013-2018 Cancer Prevention and Research Institute of Texas, Research Grant. (RP130459) *Cancer Communication Interventions to Increase HPV Vaccination among Hispanic Adolescents*. (\$1.4 million).
- 2014-2017 National Cancer Institute *Administrative Supplement to Expand NCI-Supported Community Outreach Capacity Through Community Health Educators (CHEs) of the National Outreach Network (NON) (U54): Reducing Cancer Disparities Among Latinos in Texas*. (Multiple PIs of parent grant: Wetter, Fernandez, Basen-Engquist) (\$65,000)
- 2012-2017 Cancer Prevention and Research Institute of Texas Prevention Grant. (PP120211) (PI of subcontract; PI, Cancer and Chronic Disease Consortium, Valdez). *Unidas por Vida y Salud: Increasing Breast and Cervical Cancer Screening in El Paso*. (\$342,646, subcontract)
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- 2010-2017 National Cancer Institute U54 – UTSPH/ UT MD Anderson Cancer Center. Community Networks Program (CNP) Centers for Reducing Cancer Disparities (U54) (Multiple PIs: Wetter, Fernandez, Basen-Engquist): *Reducing Cancer Disparities Among Latinos in Texas*. (\$3.3 million to UTSPH)
- 2012-2016 Cancer Prevention and Research Institute of Texas (CPRIT). Prevention Grant. (PP120086) Renewal: *Increasing Breast, Cervical, and Colorectal Cancer Screening and HPV Vaccination among Underserved Texans: A Collaboration with the United Way's 2-1-1 Program*. (\$2.7 million)
- 2013-2015 (Multiple PIs: Fernandez, Wetter) NIH. Supplement to Community Networks Program (CNP) Centers for Reducing Cancer Disparities (U54): *Reducing Cancer Disparities Among Latinos in Texas*. (\$65,000)
- 2009-2014 CDC, Prevention Research Center Special Interest Project (SIP 002-09) Cancer Prevention and Control Research Network: *LINCC: Latinos in a Network for Cancer Control*. 1U48DP001949-01 (\$1.3 million)
- 2012-2013 (Subcontract). Emory University/CDC SIP 10-030 *Evaluating Special Events for Cancer Screening*. (\$32,180)
- 2010-2013 Cancer Prevention and Research Institute of Texas (CPRIT), Research Grant. (RP100865) *Cancer Communication Interventions to Increase HPV Vaccination among Hispanic Adolescents*. (\$1,309,332)
- 2008-2013 (G Lopez-Bernstein, PI U54; Fernandez PI for Outreach Core subcontract) UT MD Anderson Cancer Center; *U54 Outreach Program UPRCCC/MDACC Partnership for Excellence in Cancer Research* (Outreach Program \$298,450; subcontract \$155,054)
- 2010-2012 Cancer Prevention and Research Institute of Texas (CPRIT), Research Grant. (PP100077) *Increasing Breast, Cervical, and Colorectal Cancer Screening and HPV Vaccination among Underserved Texans: A Collaboration with the United Way's 2-1-1 Program*. (\$961,024)
- 2005-2010 Subcontract (Ramirez, UTHSCSA, P.I.). NCI-funded project: *Redes En Acción: National Latino Cancer Research Network*. Dr. Fernandez was the P.I. of the Central Regional Network Center. U01 CA114657-02. (\$1,017,023; subcontract \$290,000)
- 2004-2009 CDC-funded Texas Prevention Research Center Special Interest Project (SIP16-04) 1 U48 DP000057-01 Cancer Prevention and Control Network: *LINCC: Latinos in a Network for Cancer Control*. (\$1,129,698)
- 2006-2009 Principal Investigator Year 1; Co-PI Year 2 (Bartholomew, PI) (subcontract from RTI). CDC-funded project: *Developing Interventions to Increase Referrals for Hematologic Cancers by Primary Care Providers*. (\$306,084)
- 2004-2009 CDC-funded Texas Prevention Research Center Special Interest Project (SIP 18-04): *Colorectal Cancer Screening among Hispanics along the Texas-Mexico Border*. 1 U48 DP000057-01. (2008-2009 no-cost extension). (\$1,098,717)
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- 2006-2008 PI on Subcontract (Matthew Kreuter, St. Louis University, P.I.). NCI-funded R21 project: *Sustainable Strategies for Increasing CIS Use among African Americans and Hispanics*. 1 R21 CA126326-01. (\$214,231)
- 2004-2005 Texas Cancer Council-funded study. *Evaluation of the Physician's Oncology Education Program and the Nurse's Oncology Education Program*.
- 2002-2004 CDC-funded Texas Prevention Research Center Special Interest Project (SIP2-02) Cancer Prevention and Control Network: *Texas LINCC: Latinos in a Network for Cancer Control*. U48 0006099653. (\$909,821)
- 1999-2004 National Cancer Institute-funded Career Development Award (K07): *Repeat Mammography Among Low Income and Minority Women* 1 K07 CA79759. (\$572,195)
- 1998-2004 CDC-funded Texas Prevention Research Center Community-Based Research Project: *Familias y Escuelas Unidas Para Controlar el Asma* (Families and Schools Together for Asthma Management). U48 000609653. (\$530,417)
- 1995-1996 AVON Breast Health Access Fund: Repeat Mammography Screening Study Supplement. *Factors associated with mammography rescreening through ENCOREplus*.
- 1994-1995 Program funded through AVON Products Inc. Breast Cancer Awareness Crusade and a Cooperative Agreement with the Centers for Disease Control and Prevention. YWCA *ENCOREplus Program Evaluation: National Breast and Cervical Cancer Early Detection Program Evaluation*.

Co-Principal Investigator

PP220005 03/01/2022 – 02/28/2025
CPRIT/MDACC \$351,597

Alliance for Colorectal Cancer Testing 3.0

The purpose of this subcontract with MD Anderson is to evaluate a program to increase CRCS among CPRIT priority populations in central, south, and southeast Texas and to develop a CRC screening coalition made up of CRCS stakeholders including community clinics, academic institutions and non-profit organizations serving the priority population. The proposed ACT 3.0 intervention strategies are built upon the needs identified during the previous ACT programs. We will expand our ongoing work to better reach and engage clinics and patients and examine whether barriers are consistent across the region and population as well as assess the impact of ACT 3.0 intervention strategies over time.

Prime PI: Foxhall (MDACC); PI of subcontract: Valerio

Co-PI of subcontract: Fernández

- 2017-2022 (Valerio, PI) U of Tx MDACC / CPRIT *Alliance for Colorectal Cancer Testing 2.0*. Evaluations of a program to increase CRCS among CPRIT priority populations in central, south, and southeast Texas. \$664,642
- 2015-2019 (Vernon, PI) Cancer Prevention and Research Institute of Texas (CPRIT) *Multi-component Interventions for Patients and Providers to Increase HPV Vaccinations in a Network of Pediatric Clinics in Houston*. \$1.4 million

- 2015-2019 (Savas, PI). Cancer Prevention Research and Institute of Texas (CPRIT). Prevention Grant. *Community-based Program to Increase Breast and Cervical Cancer Screening and HPV Vaccination to Reduce the Impact of Breast and Cervical Cancer among Latinas*. (\$1.4 million)
- 2014-2019 (Vernon and Savas, Co-PIs) Cancer Prevention and Research Institute of Texas (CPRIT). Evidence-Based Cancer Prevention Services. *Multi-component Interventions to Increase HPV Vaccination in a Network of Pediatric Clinics*. \$1.5 million
- 2017-2017 (Wooten, PI) Texas Medical Center Institute (TMCI) *Improving Vaccination Rates within the Houston Independent School District – Closing the Vaccination Gap* (\$200,000)
- 2016-2018 (Benjamin-Garner, PI, UT Med School), Patient-Centered Outcomes Research Institute (PCORI) *Patient, Stakeholder Engagement in a Safety-net Health Care System*, \$249,946; UTSPH portion \$87,648
- 2014-2018 (Vernon, PI), Susan B. Komen: Graduate Training Program in Breast Cancer Disparity at UTSPH. (\$125,000)
- 2014-2017 Susan B. Komen. *Graduate Training Program in Breast Cancer Disparity at UTSPH*. (Co-PI, Vernon, Fernandez) (\$395,000)
- 2013-2018 (Mullen, PI). National Cancer Institute R25: *Behavioral Science Education-Cancer Prevention and Control*. (\$2.5 million)
- 2011-2017 (Mullen, PI subcontract). NCI/ Emory University *Brief Intervention to Create Smoke-Free Home Policies in Low-Income Households*. (\$742,056) 2011-2013
- 2012-2017 (Savas, PI). Cancer Prevention and Research Institute of Texas, CPRIT Prevention Grant. (PP110081) *Using an Evidence-based Lay Health Worker Program to Increase Breast and Cervical Cancer Screening in Low-Income Hispanic Women in Houston, Texas*. (\$599,724)
- 2005-2008 Assumed PI role in last year of funding (prior PI Maureen Sanderson) *Partnership between the Texas Cancer Registry and the UTSPH-B for Assuring Timely, Complete and Accurate Cancer Data in the Lower Rio Grande Valley of Texas*. Texas Cancer Council. (\$383,794)
- 2003-2008 Community Outreach Core (McCormick, P.I.; Reininger, PI of COC). National Center for Minority Health and Health Disparities: *Creation of a Hispanic Health Research Center in the Lower Rio Grande Valley*. Co-PI on Community Outreach Core and Co-Investigator on the Cancer Core. MD000170 P20. (\$5.0 million)
- 2006-2007 (Mullen, PI). Texas Cancer Council (Contract), *Evaluations of Three Texas Cancer Council Programs*. (\$90,000)

Co-Investigator

PP220037 08/31/2022 - 08/30/2025
CPRIT/MDACC \$319,834

Project ACCESS: Increasing Access to Cervical Cancer Screening & Treatment Services in Texas

The goal of this project is to improve access to cervical cancer screening and colposcopy in Texas. It is a subcontract with MD Anderson Cancer Center and a continuation and expansion of previous work.

Prime PI: Schmeler (MDACC); Subcontract PI: Fischer-Hoch; Co-I Fernandez

UG3AT012728

09/04/2024 to 08/31/2025

NIH

\$817,483

Personalized auricular point acupressure to self-manage for chronic pain in rural populations

Chronic pain is a major health concern and places an enormous burden on society and healthcare systems in the U.S., especially in rural areas. This project aims to plan and test auricular point acupressure self-management (APA-SM) integrated into primary care. We will conduct a real-world trial to evaluate clinical effectiveness, implementation outcomes, and cost-effectiveness toward revolutionizing pain management particularly for rural populations.

PI: Kawi

Co-I: Fernández

OT2OD037880

09/01/2024 to 09/30/2025

NIH/UPR

\$20,000

The National Latino Network (NLN) for Precision Medicine and Health Disparities All of Us Research.

A historic effort to gather data from at least 1 million people, with the goal of accelerating health research and medical breakthroughs, and enabling individualized prevention, treatment, and care. To support this initiative, will assist in the identification of courses and graduate seminars for the promotion of The All of Us Research Program Workbench. Promotion of the workbench among different graduate courses at the Center for Health Promotion & Prevention Research.

Prime PI: Colon-Lopez (UPR); Subcontract PI: Fernandez

*project was terminated early in April 2025 by NIH

5P30AI161943-03

08/15/23 to 03/31/2025

NIH/Center for AIDs Research

\$346,824

Continuation of Texas Implementation Science Hub to end HIV Center for AIDS Research

Continuation of Texas Implementation Science Hub to End HIV (aka the Texas IS Hub) as part of the Texas Developmental Center for Aids Research – a collaboration of three premiere institutions in Texas including: Baylor College of Medicine, University of Texas Health Science Center (UTHealth) and Texas Biomedical Research Institute.

Prime PI: Giodormo (BCM); Subcontract PI: Markham, Bala; Co-I: Fernandez

2020-2024 (Hernandez, PI). DOD. *Building a Better Workplace: A Sexual Harassment and Assault Prevention Program for Active-Duty Service Members*. (\$444,569).

2022-2024 (Valerio, PI). DSHS. *Evaluation of Community Maternal Child Health Initiatives in Smith Co.* (\$256,999).

2019-2024 (Brown, PI). NIH. *Randomized trial of a data driven technical assistance system for drug prevention coalitions*. (\$3,929,785).

2019-2024 (McPherson, PI). NIH/NCATS. *Center for Translational Science Award – Community and Collaboration*. (\$54,085,798).

2023-2024 (Bala, Markham, MPI). Baylor College of Medicine/NIH. *Texas Implementation Science Hub to end HIV*. (\$346,824).

2019-2023 (Fisher-Hoch, PI). U of Tx MDACC / CPRIT. *Improving cervical cancer screening and prevention in the Lower Rio Grande Valley through public outreach, navigation and provider training/telementoring*. (\$566,837).

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- 2021-2023 (Mullen, PI). UTHealth. *Design and Launch of a Dissemination and Implementation Graduate Certificate Program*. (\$90,147)
- 2019-2022 (Savas, PI). *Salud En Mis Manos: Delivering Evidence-Based Breast & Cervical Cancer Prevention Services To Latinas In Underserved Texas South Gulf Coast Communities*. \$1,926,720
- 2017-2022 (Schick, PI). MCOW/N *Annual anal sampling using DNA screening to identify men who have sex with men at increased risk for anal cancer*. \$1,847,758 (Contributed time in years 3-4)
- 2012-2018 (McPherson, PI). NIH National Center for Advancing Translational Sciences Award (CTSA): *Center for Clinical and Translational Sciences*, Fernandez, co-leader Community Engagement Core; \$2.4 million
- 2015-2018 (Schmeler, PI; Fisher-Hoch, PI subcontract) Cancer Prevention and Research Institute of Texas (CPRIT). *Improving Cervical Cancer Screening and Prevention in the Lower Rio Grande Valley Through Public Outreach, Patient Navigation, and Telementoring*. \$1.2 million
- 2014-2017 (Highfield, PI). AHRQ R18: *Evidence-based Dissemination for Mammography Adherence in Safety Net Communities*. \$1,179,739
- 2012-2013 (Balasubramanian, PI), Supplement on NIH Dissemination and Implementation Research in Health (R01) (PIs: Mullen, Fernandez): *A Pragmatic Trial to Implement Meaningful Use of Patient-Centered Data to Improve Outcomes in Primary Care*. (\$55,058)
- 2011-2013 (Reininger, PI). Cancer Prevention and Research Institute of Texas, CPRIT. *Tu Salud! Si Cuenta! Promotora Training and Community Education for Cancer Prevention*. (\$599,996)
- 2008-2013 (McCormick, PI). National Institutes of Health *Center of Excellence for Diabetes in Americans of Mexican Descent* P20 MD000170-06. (\$5.0 million)
- 2011-2012 (Cooper, PI). NIH. *Community-Academic Linkages to Build a National Network for Farm-worker Research* (\$892,666)
- 2006-2012 (McPherson, PI). National Center for Research Resources. Center for Clinical and Translational Science (CCTS) – Community Component. (no cost extension)
- 2004-2008 (Mullen, PI). CDC-funded Texas Prevention Research Center Special Interest Project (SIP 23-04): *Provider Education for Shared Decision-Making on Prostate Cancer Screening*. 1 U48 DP000057-01. (\$1,448,894)
- 2004-2008 (Chan, PI). CDC-funded Texas Prevention Research Center Special Interest Project (SIP 21-04): *Shared Decision-Making for Prostate Cancer Screening among Hispanic and African American Men*. 1 U48 DP000057-01. (2008-2009 no-cost extension) (\$1,507,682)
- 2003-2007 (Principal Investigator, University of Texas at Brownsville: Gerson Peltz)). Department of Defense-funded study: *Interrelationships of Hormones, Diet, Body Size and Breast Cancer among Hispanic Women*. (No cost extension 2008) (DAMD17-03-1-0274) (\$186,773)
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- 2004-2006 (Vernon, PI). CDC-funded Texas Prevention Research Center Special Interest Project (SIP 19-04): *Validation of Colorectal Cancer Screening Measures*. 1 U48 DP000057-01. (\$406,076)
- 1999-2006 (Vernon, PI). National Cancer Institute-funded study: *Women Veterans and Cancer Screening*. Administrative Supplement: *Disseminating Evidence-Based Intervention Research Products*. 3 R01 CA076330-05S2. (\$125,000)
- 1999-2004 (Vernon, PI). National Cancer Institute-funded study: *Women Veterans and Breast Cancer Screening*. (\$1,446,391)
- 2000-2003 (Bartholomew, PI) Episcopal Health Charities-funded project: *School Family and Health Care Partners in the Management of Asthma in School Children: Development and Dissemination of a Model Program*. (\$240,544)
- 1999-2002 (Byrd, PI). CDC-funded study: *Increasing Cervical Cancer Screening in Hispanic Women*. (\$357,000)
- 1995-2000 National Heart, Blood and Lung Institute (Bartholomew, PI); *Partners in School Asthma Management Program*. (\$1.9 million)
- 1993-1996 National Heart, Lung and Blood Institute, Macro International (Gold, PI); *Developing and Implementing at the State and Local Level Educational Strategies and Interventions for Controlling Asthma in Inner City and High-Risk Populations*; PI, subcontract (\$1.2 million)

Mentor

- 2024 (Sheth, S, PI). National Institutes of Health T32, *Vascular Neurology Fellowship in Data Sciences, Rehabilitation, Interventions, and Equity (DRIVE)*
- 2018-2021 (Vernon, S, PI). Susan B. Komen. GTDR17497435. *Graduate Training Program in Breast Cancer Disparity at UTSPH*.
- 2018-2021 (Roberts, M., PI) University of North Carolina. KL2: *Overcoming Barriers for the uptake of cascade screening for Lynch syndrome*.
- 2016-2021 (Stewart, PI), National Institute of Drug Abuse K23, *Health literacy and smoking cessation in low-SES, diverse smokers*.
- 2016-2021 (Hull, P., PI) National Institutes of Health. 5R01CA207401. Vanderbilt University. *Increasing HPV Vaccine in Community-Based Pediatric Practices*.
- 2014-2020 (Ness, R., PI) Cancer Prevention and Research Institute of Texas (CPRIT). P160015. *Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers*.
- 2013-2018 (Morales-Campos, PI). National Cancer Institute K01 Mentored Research Scientist Development Award, *Determinants of HPV vaccination for Hispanic parents from the Texas-Mexico border*.
- 2013-2018 (Ronancio, PI). National Cancer Institute K01, Preventive Oncology Academic Award, *A Text Message Intervention to Increase HPV Vaccine Completion in Young Latinas*.

- 2013-2018 (de Dios, PI), National Cancer Institute K01 Preventive Oncology Academic Award, A Culturally Tailored Adherence Intervention for Latino Smokers.
- 2013-2018 (PI Ross Brownson) NIH R25E: Mentored Training for Dissemination and Implementation Research in Cancer.
- 2011-2016 (Castro, PI), National Cancer Institute K01 Preventive Oncology Academic Award, Developing a Culturally Relevant Model of Smoking Cessation among Latinos.
- 2011-2016 (Lopez, PI) Community Networks Program, Research Pilot
- 2011-2013 (Roncancio, PI) Community Networks Program Center Minority Fellowship
- 2010-2013 (Mullen, PI) Cancer Prevention and Research Institute of Texas (CPRIT), Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers.
- 2008-2013 (Mullen, PI) NCI, UTSPH Cancer Education and Career Development Program
- 2007-2012 (Kendzor, PI) American Cancer Society Mentored Research Scholar, Pathways between socio-economic status and behavioral cancer risk factors.

Other

- 1995 Project Director. National Institute for Child Health and Development; Phase I Small Business Innovations Research Grant (SBIR) 1R43HD032752-0: *Multimedia for Avoiding Violence-Related Injury to Youth*. (\$50,000)
- 1994-1995 Design/Research Team Member (Gold P.I.) Phase I Small Business Innovations Research Grant (SBIR) 1R43CA065350-01 *HPV risk reduction and control for college students* (\$50,000)
- 1994-1995 National IAID; Phase I SBIR 1R43AI35486-01: *In-Home Asthma Education Patient Education to Children and their Caregivers*. (\$50,000)
- 1993 Project Director (Gold PI) National Cancer Institute; Phase I SBIR: *Multimedia Training for Effective Cancer Communication*. (\$50,000)
- 1991-1994 Project Director (Gold PI). National Cancer Institute; Phase II Small Business Innovations Research Grant (SBIR) 5R44CA053979-03: *Development of an Interactive Videodisc on Cancer Prevention and Early Detection for Hispanic Women*. (\$500,000)
- 1991-1994 Design/Research Team Member (Gold PI). National Cancer Institute; Phase II SBIR 5R44CA053977-03: *Expert System Applications to Cancer Prevention: Computer Modeling of Community Organization and Health Promotion Program Planning using the PRECEDE Framework*. (\$500,000)
- 1990-1991 National Cancer Institute; Phase I SBIR: *Study of Expert System Applications to Cancer Prevention*. (\$50,000)
- 1990-1991 National Cancer Institute; Phase I SBIR: *Study on the Feasibility of Hypermedia for PDQ-P with High-Risk Populations*. (\$50,000).

- 1991-1992 National Institute of Diabetes and Digestive and Kidney Diseases; Phase II SBIR: *Development and Evaluation of a level III interactive videodisc to assist people in making decisions about cystic fibrosis carrier screening*. (\$500,000)
- 1991-1992 Colgate-Palmolive Co.: *Minority Oral Health Improvement Program — Bright Smiles, Bright Futures: Development and evaluation of health education curriculum materials inner-city elementary school classrooms*.
- 1991 National Science Foundation: *Hypermedia and Stress Management Education: Development of textbook, student guide materials, and interactive computer assisted tutorials in stress psychophysiology for college students*.

PUBLICATIONS

Peer Reviewed Articles (reverse chronologic order; *indicates student, postdoc, or junior faculty authors on studies in which Dr. Fernandez was senior author)

1. Walker, T.J., Craig, D.W., Pfledderer, C.D., Lee, M., Onadeko, K., Saving, E.E., Bartholomew, J.B., **Fernandez, M.E.** Feasibility and acceptability of an implementation strategy to enhance use of classroom-based physical activity approaches in elementary schools: A mixed methods study. *BMC Public Health*. In press
2. Roberts, M., Marable, J., Foss, K., Whitcomb, C., Cragun, D., Buchanan, A., Hallquist, M., Baker, N., Bosch, R., Craig, D., Wagner, I., **Fernandez, M.**, Hughes-Halbert, C., Allen, C. Implementation Mapping to Identify Best Practices for Implementing Population-Wide Genomic Screening Programs: Protocol for the FOCUS (Facilitating the Implementation of Population-Wide Genomic Screening) Study. *JMIR Res Protoc* 2025;14:e73718. URL: <https://www.researchprotocols.org/2025/1/e73718>. DOI: 10.2196/73718
3. Almukhtar, S., McWhirter, N., Mendiola, A., Samuel, S., Dominguez, O., Pester Boyd, D., Flores, S., Gandhi, P., Kazungu, F., Khare, M., Cuccaro, P., **Fernández, M.E.**, Hershow, R.C., Kim, S., Stiehl, E. Exploring Lingering COVID-19 Vaccine Hesitancy in Three Diverse U.S. States: Alabama, Illinois, and Texas. *Vaccine*. Vol. 60, Supplement 1, 2025. <https://doi.org/10.1016/j.vaccine.2025.127664>.
4. Allen, C., Roberts, M., Marabel, J., Foss, K., Whitcomb, C., Cragun, D., Buchanan, A., Hallquist, M., Baker, N., English, A., **Fernandez, M.E.**, Hughes-Halbert, C. Facilitating the Implementation of Population-Wide Genomic Screening Across Diverse Populations and Settings (FOCUS): A Protocol for an Implementation Mapping Study to Identify Best Practices for Implementing Population-Wide Genomic Screening Programs. *Implementation Science*. In press.
5. Savas, L.S., Cuccaro, P.M., Zhang, K., Hernandez, R.A., Haffey, M.E., Reininger, B.M., Mendiola, A., Sifuentes, M., Dominguez, O., Bauer, C.X., **Fernandez, M.E.** Factors Influencing COVID-19 Vaccine Uptake among Vulnerable Communities in Texas: Perceptions of 2-1-1 Helpline Callers. *Vaccine*. 2025 Aug 4:60 Suppl 1:127554. doi: 10.1016/j.vaccine.2025.127554. Online ahead of print.
6. Wippold, G., Garcia, K.A., Wong, D., **Fernandez, M.E.** Proactive Planning for Contextual Fit: The Role of the Implementation Premortem. *Implementation Science Communications*.6, 84 (2025). <https://doi.org/10.1186/s43058-025-00768-z>.

7. **Fernandez, M.E.**, Pulicken, C., Mathews, P., Perkison, W., Garza, E., Sampson-Ansah, M., Velasco-Huerta, F., Rodriguez, S. Factors Influencing Implementation of a Self-Measured Blood Pressure Program in Community Health Centers: an Implementation Mapping Approach. *Frontiers in Public Health*. 2025 Jul 17;13:1485343. doi: 10.3389/fpubh.2025.1485343. eCollection 2025.
8. Heredia, N., Ayieko, S., Rodriguez, S.A., Hwang, J.P., McNeill, L. **Fernandez, M.E.** Adaptation of an evidence-based lifestyle intervention to support the management of metabolic-dysfunction associated steatotic liver disease among Hispanic/Latino adults. Jul 2025. *Frontiers Public Health* 13:1628845. doi: 10.3389/fpubh.2025.1628845
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(Invited peer review papers)

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Books

Coughlin, S.S., Smith, S.A., **Fernandez M.E.** (Eds.). *Handbook of Community-based Participatory Research*. 2017. Oxford University Press.

Bartholomew Eldredge, L.K., Markham, C.M., Ruiter, R.A.C., **Fernandez, M.E.**, Kok, G., Parcel, G.S. (Eds.). Jan 2016. *Planning health promotion programs: An Intervention Mapping approach* (4th ed.). San Francisco, CA: Jossey-Bass.

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Book Chapters

1. ten Hoor, G.A., Markham, C.M., **Fernandez, M.E.**, Ruiter, R.A.C. . Intervention Mapping: Planning Health Promotion Programs. *The Sage Handbook of Health Psychology. Issues, Debates and Applications of Health Psychology*. Sage Publications Ltd. 2025. Volume 3. Chapter 6. <https://bookshelf.vitalsource.com/reader/books/9781529679526>.
2. **Fernandez, M. E.**, Baumann, A. A., Beg, S. S. (2025). Cultural adaptations of interventions. In N. Schneiderman, T. A. Revenson, A. F. Abraído-Lanza, T. W. Smith, N. B. Anderson, M. H. Antoni, F. J. Penedo (Eds.), *APA handbook of health psychology, Vol. 3. Health psychology and public health* (pp. 127–153). American Psychological Association. <https://doi.org/10.1037/0000396-008>.
3. Curran, G.M., Smith, J.D, Landsverk, J., Vermeer, W., Miech, E.J., Kim, B., Cruden, G., **Fernandez, M.E.**, Brown, C. Hendricks. Section 4: Design and Measurement, 14. Design and Analysis in Dissemination and Implementation Research. In RC Brownson, GA Colditz, EK Proctor (Eds) *Dissemination and Implementation Research in Health: Translating Science to Practice, Third Edition*. New York: Oxford University Press. 2023
4. **Fernandez, M.E.** Kok, G., Parcel, G., Green, L.W. Educational and Ecological Assessment: Pre-disposing, Enabling, and Reinforcing Factors. In Green, Gailen, Ottoson, Peterson, Kreuter (Eds) *Health Program Planning, Implementation & Evaluation: Creating Behavioral, Environmental, and Policy Change*. Baltimore: Johns Hopkins University Press. 2022
5. **Fernandez M.E.**, Damschroder, L., Balasubramanian, B. Understanding Barriers and Facilitators for Implementation Across Settings. In: *Practical Implementation Science: Moving Evidence into Action*. Springer Publishing. 2022
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7. **Fernandez, M.E.**, Mullen, P.D., Leeman, J., Walker, T.J. Evidence-Based Cancer Practices, Programs, and Interventions. In: *Advancing the Science of Implementation across the Cancer Continuum*. 2018, Oxford Press.
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9. Coughlin, S.S., Smith, S.A., **Fernandez, M.E.** Overview of Community-based Participatory Research. In: *Handbook of Community-based Participatory Research*. 2017. Oxford University Press.
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11. Bartholomew, L.K., Markham, C., **Fernandez, M.E.**, Mullen, P.D. Planning models for theory-based health promotion interventions: An Intervention Mapping approach. In *Health Behavior: Theory, Research and Practice* (4th Ed.) Glanz K, Rimer BK, Viswanath K (eds.), San Francisco, CA: Jossey-Bass. 2015.
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14. Markham, C., Tyrrell, S., Shegog, R., **Fernandez, M.E.**, Bartholomew, L.K. Partners in Asthma Management Program. In LK Bartholomew, GS Parcel, G Kok, NH Gottlieb, *Planning Health Promotion Programs: An Intervention Mapping Approach* (2nd ed.) Jossey-Bass: San Francisco, CA, 2006.
15. McAlister, A., **Fernandez, M.E.** "Behavioral journalism" accelerates diffusion of health innovations. In Robert C. Hornik (ed), *Public Health Communication: Evidence for Behavior Change*, pp 315-326, Lawrence Erlbaum Associates: Mahwah, NJ, 2001.
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17. **Fernandez, M.E.**, Day, C.A. Family involvement in the classroom and school site. In AC Matiella (ed), *The Multicultural Challenge in Health Education*. ETR Associates: Santa Cruz, CA, 1994.

Book Review

Fernandez M.E. (1992). Review of *Coping with stress in the health professions: A practical guide*, P Burnard. *Health Education Research*, 1992;7(2): 316-317.

Invited Speaking Engagements (past 10 years)

- 2014 Dissemination & Implementation Research: Moving Research Innovations to Practice in Low Resource Settings. Presented at the City of Hope, Division of Clinical Cancer Genetics and Department of Population Sciences. Jan 15, 2014. Duarte, California.
- 2014 Using What Works: Moving Cancer Control Evidence from Research to Practice. Invited speaker at the University of Alabama at Birmingham. March 26, 2014. Birmingham, AL
- 2014 On behalf of the CPCR N FQHC Workgroup. Building on the measurement of CFIR constructs in FQHCs: where do we go from here? CPCR N Virtual Steering Committee Meeting, Spring Webinar. April 2014.
- 2015 Strategies That Work: How to implement cancer control interventions and evidence-based practices. A nuts and bolts approach geared to community-based and cancer control organizations. Arkansas Cancer Summit XVI, Arkansas Cancer Coalition, Little Rock, AR, March 2015.
- 2016 2-1-1 and Healthcare: Screening Underserved Populations. United Way CEO 2-1-1 Summit, Denver, CO, March 2016.
- 2016 National HPV Vaccination Roundtable National Conference on Increasing HPV Vaccination, Evaluation of Two HPV Vaccination Educational Interventions for Hispanic Parents, Atlanta GA, August 2016
- 2016 Rice University Glasscock School of Continuing Studies. Prevention – Population-level Interventions. Houston, TX, November 2016.
- 2017 Society of Behavioral Medicine Meeting. Panel member- Presidential Symposium. San Diego, CA, March 2017.
- 2017 NIH National Cancer Institute Implementation Science Webinar: Campfire Chat on Communicating Science Efforts: Grants and Publications from Development to Review. April 2017.
- 2017 Southeastern Colorectal Cancer Consortium Meeting, Patient Navigation Training and Resources Workshop faculty, San Juan, Puerto Rico, May 2017.
- 2017 Rural Cancer Control: Challenges & Opportunities conference. University of Memphis. Building Capacity for Implementing Community-based Rural Cancer Control Research. Memphis, TN, May 2017.
- 2017 Intervention Mapping: Designing Interventions to Increase Cancer Screening Workshop. University of North Carolina, Chapel Hill. September 2017.
- 2017 Translational Grand Rounds Presentation. Dissemination and Implementation Research: Challenges and Opportunities. Tulane University, New Orleans, LA. October 2017.
- 2018 University of Utah College of Health Research Symposium, Keynote Address. University of Utah, Salt Lake City, Utah. January 2018.
- 2018 NCI Cancer Center HPV Vaccination Meeting at Huntsman Cancer Institute, Accelerating the use of evidence-based interventions to increase HPV vaccination, Salt Lake City, UT, June 7-8, 2018.

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- 2018 Medical Education Program, Houston Northwest Medical Center. Houston, TX. August 2018.
- 2018 Optimization and Adaptation Think Tank, Adaptation of Evidence Based Interventions, Hunter New England Population Health/The University of Newcastle, Wallsend NSW, Australia
- 2019 Cancer Control Program Seminar, Implementation Science and Cancer Control: Challenges and Opportunities, The Ohio State University, Columbus, OH. May 2019.
- 2019 Wandersman Center Retreat, Using Implementation Mapping to Improve Organizational Readiness, University of South Carolina, Columbia, SC. July 2019.
- 2019 Texas Association of Community Health Centers, 36th TACHC Annual Conference, Social Determinants of Health Broadening the Lens of Healthcare, The Woodlands, TX, October 2019
- 2019 University of Arkansas for Medical Sciences, Translational Research Institute Implementation Science, Little Rock, AR, October 2019
- 2019 Cervical Cancer Screening Forum, Implementation/de-implementation strategies. Keflavik, Iceland, October 2019
- 2019 TACHC 36th Annual Conference, Houston, TX October, 2020
- 2019 The National Academies of Sciences, Engineering, Medicine, Guiding Cancer Control: A Path to Transformation Workshop, Dissemination Strategies to Bridge the Gap Between Research and Practice, Washington, DC, November 2019
- 2019 Plenary Session Dissemination and Implementation Research in Health Conference, D&I Measures for Rapid, Relevant, and Rigorous Research, Washington, DC, December, 2019
- 2020 Demystifying Implementation Research Workshop: Basics and Beyond. *Implementation Research investigates adoption, integration, and sustainability of evidence-based practices in real world settings to improve population health.* UT Health San Antonio, January 2020
- 2020 Health Equity Seminar Series: *Planning Multi-level Interventions and Implementation Strategies to Increase Health Equity.* University of Colorado Anschutz Medical Campus, Aurora, CO, February 2020.
- 2020 First Childhood Arthritis and Rheumatology Research Alliance Implementation Science Retreat: *Developing and Selecting Strategies to Improve Implementation and Sustainment of Evidence Based Practice*, Dallas, TX, February, 2020.
- 2020 Texas Department of State Health Services Diabetes State Engagement: *Planning Multi-level Implementation Strategies for Increasing Participation in Diabetes Prevention Program*, Webinar, August 2020
- 2020 Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC) 2020: D&I Research, *Health Equity in Dissemination and Implementation Research Webinar*, Houston, TX August 2020
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- 2020 Texas Institute for Implementation Sciences Conference and Workshop: *Introduction to Implementation Science*, Webinar, September 2020
- 2020 Implementation Science Consortium in Cancer: *Implementing Multilevel and Complex Interventions*, Virtual Conference, September 2020
- 2020 Oregon Health & Science University: *Planning Multilevel Cancer Control Interventions and Implementation Strategies Using Intervention Mapping*, Webinar, September 2020
- 2020 Accelerating Colorectal Cancer Screening and Follow Up through Implementation Science (AC-CSIS) Virtual Meeting. *CRCS in the Real World: Challenges and Opportunities for Implementation Science*, November 2020.
- 2020 Puerto Rico Outreach Webinar Series: *Implementation Science in Cancer Research*. Presented by UPR/MDACC Partnership for Excellence in Cancer Research and Hispanic Alliance for Clinical and Translational Research, Webinar, December 2020
- 2021 Advanced Topics in Cancer Research: Tackling the Infection-Driven Malignancies Burden, Biomedical and Clinical Approaches Short Course: *Behavioral studies to increase HPV vaccination and cervical cancer screening uptake*. Presented by UPR/MDACC Partnership for Excellence in Cancer Research Education Core, Webinar, January 2021
- 2021 MD Anderson Community Scientist Feedback Session, Webinar, January 2021
- 2021 Houston Global Health Collaborative 2021 Conference – *Implementation Science and Global Health: Challenges and Opportunities*, February 2021
- 2021 HSR&D Cyberseminar Veteran Affairs Event – *Developing and Tailoring Implementation Strategies: An Implementation Mapping Approach*, March 2021
- 2021 2021 Multilevel Intervention Training Institute - *Planning Multilevel Interventions and Implementation Strategies Using Intervention Mapping*, March 2021
- 2021 Society of Public Health Education Conference - *Using Intervention Mapping Processes to Understand the Key Elements of Colorectal Cancer Screening Evidence-Based Interventions*, March 2021
- 2021 Global Implementation Conference – *Implementation Mapping to Plan Implementation Strategies: Lessons Learned from Health Promotion and Injury Prevention*, May 2021
- 2021 Translation of Research Interventions in Practice, Populations, and Policy Leadership (TRIPPLE) at University of Kentucky - *Planning Multilevel Implementation Strategies: An Implementation Mapping Approach*, 09 June 2021.
- 2021 Eastern South Dakota Research Symposium - *Implementation Science: Challenges and opportunities for a transdisciplinary team science approach*, 16 June 2021
- 2021 HIV, Infectious Diseases and Global Health Implementation Research Institute (High IRI) - *Developing and tailoring implementation strategies*, 22 September 2021
- 2021 KT Canada Seminar Series - *Developing and tailoring implementation strategies*, 14 October 2021
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- 2021 Ciencias de La Implementacion del Cancer. *El Desarrollo y adaptación de estrategias de implementación UTILIZANDO INTERVENTION MAPPING*. 3 December 2021.
- 2021 Cumbre Salud Medellin, Pandemia y Transformacion para el Desarrollo. *Covid-19 en los EEUU y Texas: Aprendizajes y Desafíos*. 6 December 2021.
- 2021 Center for Innovations in Quality, Effectiveness and Safety Home (IQuEST) Grand Rounds - *Advancing Implementation Science Research and Practice through Innovation and Collaboration*, 13 December 2021
- 2021 14th Annual Conference on the Science and Dissemination and Implementation in Health. *Using Implementation Mapping to Plan or Select Implementation Strategies*, 14 December 2021.
- 2021 Puerto Rico Outreach Webinar Series: *Implementation Science in Cancer Research*. Presented by UPR/MDACC Partnership for Excellence in Cancer Research and Hispanic Alliance for Clinical and Translational Research. December 2021
- 2021 National Heart, Lung, and Blood Institute Implementation Science Capacity Building Workshop. Small group session moderator. 17 December 2021.
- 2022 University of Chicago Medicine Comprehensive Cancer Center. *Dissemination and Implementation Research in Cancer Control: Challenges and Opportunities*. 25 January 2022.
- 2022 Cancer Prevention and Control Research Network (CPCRN). *Using Implementation Mapping to Build Organizational Readiness*. 27 January 2022.
- 2022 National Institute of Health (NIH), Advancing Environmental Health Equity through Implementation Science. *The Role of Implementation Science in Evidence-Based Prevention & Intervention Research*. 28 February 2022.
- 2022 HIV, Infectious Diseases and Global Health Implementation Research Institute (HIGH IRI), *Implementation Strategy Development of Tailoring/Using Theory & Framework to Inform Planning*. 8 March 2022.
- 2022 MD Anderson Cancer Center Dissemination & Implementation Workgroup, *UTHealth Institute for Implementation Science Overview*. 10 March 2022.
- 2022 Association of Schools and Programs of Public Health, Advancing Anti-Racism Research Efforts at the University of Texas School of Public Health. 23 March 2022.
- 2022 Mexico National School of Public Health Video Conference, Developing Implementation Strategies for Cancer Control in the Real World. 5 April 2022.
- 2022 University of North Carolina Implementation Science Speaker Series, *Planning Implementation Strategies Using Implementation Mapping*. 12 April 2022.
- 2022 Childhood Arthritis and Rheumatology Research Alliance (CARRA) Annual Scientific Meeting Implementation Science Workgroup Annual Meeting, *Dissemination and Implementation Research: Using Theories and Frameworks to Plan Implementation Strategies*. 26 April 2022.
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- 2022 The University of Texas McGovern Medical School Clinical Research Curriculum in Healthcare Quality and Safety, *Introduction to Implementation Science*. 1 June 2022.
- 2022 An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Overview of Implementation Science*. 2 June 2022.
- 2022 The University of California San Francisco Workshop on Adaptation of Interventions, *Adapting Evidence-Based Interventions using IM-ADAPT*. 2 June 2022.
- 2022 An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Identifying Barriers and Facilitators to Implementation*. 3 June 2022.
- 2022 An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Developing Implementation Strategies Using Implementation Mapping*. 3 June 2022.
- 2022 National Institute of Health (NIH), Advances and Future Directions in Health Behavior Theories Research: An Expert Panel Workshop. *Applying Health Behavior Theories in the Design of Multi-media Interventions: An Intervention Mapping Approach*. 9 June 2022.
- 2022 Southeastern Colorectal Cancer Consortium Annual Meeting. *Accelerating Colorectal Cancer Screenings through Implementation Science*. 16 June 2022.
- 2022 National Cancer Policy Forum: Session 2B – Innovative Strategies for Population-Based Cancer Prevention. *Partnering with 2-1-1 Helplines for Cancer Prevention Equity*. 27 June 2022.
- 2022 University of New Mexico Comprehensive Cancer Center Director’s Lectureship Seminar Series. *Dissemination and Implementation Research in Cancer Control: Challenges and Opportunities*. 4 August 2022.
- 2022 Society for Implementation Research Collaboration Conference. *Identifying and Describing Mechanisms of Implementation Strategies: An Implementation Mapping Approach*. September 2022.
- 2022 Role of Implementation Science in Bridging the Research to Practice Gap. *Intro to DI Research* December 2022.
- 2022 Grand Rounds Presentation at the Georgia Cancer Center. *Dissemination and Implementation Research in Cancer Control: Challenges and Opportunities*. December 2022.
- 2023 Improving Health and Quality of Life for Communities of Color. *Women of Color Conference*. March 2023.
- 2023 Grand Rounds Session at the National Cancer Institute of Mexico (INCan) at INSTITUTO NACIONAL DE CANCEROLOGÍA: *What is Implementation Science and Why It Is Important for Cancer Control*. March 2023.
- 2023 Implementation Science Symposium at the National Congress of Public Health: *How to Design Interventions and Implementation Strategies for Health Promotion*. March 2023.
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- 2023 DSHS Public Health Grand Rounds Presentation: *Implementing Evidence-Based Interventions to Improve Patient Outcomes in Federally Qualified Health Centers*. April 2023.
- 2023 MUSC Hollings Cancer Center-Implementation Science Principles and Practice for Advancing Cancer Control Equity April 2023.
- 2023 IPVC Conference April 19th Presentation: *SPECIAL INTEREST SATELLITE SYMPOSIUM 10: USING IMPLEMENTATION SCIENCE TO ACCELERATE AND IMPROVE HPV VACCINATION* April 2023.
- 2023 Grand Rounds Session at the Hollings Cancer Center, Medical University of South Carolina (MUSC): *Implementation Science Principles and Practice for Advancing Cancer Control Equity*. April 2023.
- 2023 Reassessing Evidence: What Is Needed for Real World Research and Practice. *Colorado Pragmatic Research in Health Conference* June 2023.
- 2023 Moffit Talk - Center for Immunization and Infection Research in Cancer (CIIRC)-Tampa, Florida September 2023.
- 2023 2023 HIGH IRI Annual Institute St. Louis, Missouri at the Charles F. Knight Executive Education and Conference Center September 2023.
- 2023 ALL IN: Addressing Health Disparities, Barriers, and Inequities through Health Informatics. *Third Annual Texas Health Informatics Alliance Conference - Closing Keynote Speaker*. Houston, Texas September 2023.
- 2023 CPRIT's Innovations in Cancer Prevention and Research Conference VI Galveston, Texas, October 2023.
- 2023 Healthier Texas Summit: *Improving Colorectal Cancer Screening Across Texas* Austin, Texas, October 2023.
- 2023 ECTRIMS 4th Annual Navigating MS Meeting: *A Practice-Based Research Network for Improving MS Care*, Milan, Italy, October 2023.
- 2023 National Colorectal Cancer Screening Roundtable: *Implementation Science for Advancing Colorectal Cancer Control Equity* Presentation. Houston, Texas, November 2023.
- 2023 2023 American Cancer Society National Colorectal Cancer Roundtable Annual Meeting: *Panel: Texas-based Colorectal Cancer Screening Innovations* Houston, Texas November 2023.
- 2023 Prevention Research Centers Community Committee, Arlington, Virginia, December 2023.
- 2024 UAB Methods Symposium: *Implementation Mapping Designing Strategies to Improve Adoption Implementation and Sustainment* Birmingham, Alabama, January 2024.
- 2024 McGovern Medical School Faculty Senate Meeting: *Population Health and Implementation Science at UT Health Houston*. Houston, Texas, February 2024.

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- 2024 Texas Children's Hospital Health Equity Summit: *Dissemination and Implementation Research and Practice for Achieving Health Equity* Houston, Texas, February 2024.
- 2024 Population Health Strategic Planning Meeting (Pediatrics): *Population Health at UTHealth Houston*. Houston, Texas, February 2024.
- 2024 NCI R25 Sexual and Gender Minority Cancer Curricular Advances for Research and Education Houston, Texas, February 2024.
- 2024 Center for Spatial-temporal Modeling for Applications in Population Sciences' Symposium: *Applications for Geospatial Analysis to Improve Population Health: The Texas RADxUP Study* Houston, Texas, February 2024.
- 2024 4th Biennial Advancing the Science of Cancer in Latinos Conference: *Leveraging Implementation Science to Optimize Strategies for Cancer Control in Mexico* San Antonio, Texas February 2024.
- 2024 Latino Medical Student Association Southwest Regional Conference, McGovern Medical School UTHealth: *Advancing Hispanic Health through Population Health and Implementation Science* Houston, Texas, March 2024.
- 2024 Inova Implementation Science Symposium: *Planning Strategies for Adoption, Implementation and Sustainment: An Implementation Mapping Approach* Virtual, March 2024.
- 2024 CRCCP ECHO presentation: *Implementation Strategies for EBIs in Clinic Settings* Virtual, March 2024.
- 2024 48th Annual American Society of Preventive Oncology Conference: *Towards the Elimination of Cancer Health Disparities in Mexico and Latin America: Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control* Chicago, Illinois, March 2024.
- 2024 12th Annual Houston Global Health Collaborative Conference: *Leveraging Implementation Science to Optimize Strategies for Cancer Control (LISTOS) in Mexico and Latin America* Houston, Texas, April 2024.
- 2024 Invitation to speak at the Albert Einstein College of Medicine: *Practical Implementation Science for Advancing Health Equity*, Bronx, New York, April 2024.
- 2024 UPRCCC Scientific Congress: *Advancing Cancer Control Through Implementation Science: Bridging The Research To Practice Gap* San Juan, Puerto Rico, April 2024.
- 2024 2024 Melbourne Planning Implementation Strategies and Implementation Mapping: *Intervention Mapping Overview and Equity Perspectives* Melbourne, Australia, April 2024.
- 2024 Annual Grantee Meeting for the ISC3: *Pilot and Feasibility Studies in Implementation Science* Virtual, May 2024.
- 2024 MMS Pediatric Population Health Quarterly Meeting: *Population Health at UTHealth Houston* Virtual, May 2024.
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- 2024 LISTOS SELAC Latin American Cancer Week: *LISTOS para cerrar la brecha: Un centro de ciencias de implementación como motor para transformar la práctica del control y prevención de Cáncer en América Latina* Virtual, May 2024.
- 2024 NCI 12th Annual Global Cancer Research Symposium: *Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control in Mexico and Latin America* Virtual, May 2024.
- 2024 2024 Global Implementation Science Conference: *Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control in Mexico and Latin America* Houston, Texas, May 2024.
- 2024 IM ADAPT SBM Workshop: *Health Promotion Planning: An Intervention Mapping Approach*. Houston, Texas, May 2024.
- 2024 IM ADAPT SBM Workshop: *Implementation Mapping: Using Intervention Mapping to Plan Implementation Strategies*. Houston, Texas, May 2024.
- 2024 PIECES Project Annual Consortium Meeting and Conference: Keynote Speaker Utrecht, Netherlands, June 2024.
- 2024 CCTS Leadership Meeting: D&I Work Accomplishments Presentation Houston, Texas, July 2024.
- 2024 The Workshop on Evidence-Informed Decision Making and Implementation Science in Public Health: Beijing, China August 2024.
- 2024 EMSP 2024: Implementation Science Course: Approaches in Applied Research: Menorca, Spain September 2024.
- 2024 Distinguished Plenary Speaker to Grace The 36th International Papillomavirus Conference: *Equitable, evidence-based approaches to HPV disease*, Edinburg, UK November 2024.
- 2025 Yale University Guest Speaker: “Designing and Tailoring Implementation Strategies: An Implementation Mapping Approach”, New Haven, Connecticut. January 2025.
- 2025 Invited Talk, Advancing Hispanic Health through Population Health and Implementation Science, UTRGV Som International health Disparities Conference, Mission, Texas, February 14, 2025
- 2025 Keynote Presentation, Implementation Science Essentials: Translating Research into Practice, Dartmouth Implementation Science Symposium, Hanover, NH, September 24, 2025
- 2025 Presenter, Georgetown-Lombardi Grand Rounds and Visiting Professor Lecture Series, Implementation Science in Cancer Control: From Research to Real-World Impact, Georgetown University, Washington, D.C., October 9, 2025

Media Spokesperson

Univision: Live TV Expert interview on HPV Vaccination.

Telemundo: Live TV Expert Interview about the Mayor's declaration of cancer control month.

Univision: La Importancia del Distanciamiento Social Durante la Pandemia, Interview, Houston, TX, July, 2020.

Fox 26 News: The importance of colorectal cancer screenings during the pandemic, Interview, Houston, TX, July 2020.

Univision: ¿Por qué es tan importante la vacuna del virus del papiloma humano y a qué edad debe ponerse?, TV Expert Interview, Houston, TX April 11, 2021.

Peer Reviewed Presentations/Published Abstracts (past 10 years)

Fernandez, M.E., Unger Saldaña K., Lajous M., Potter M., Millett T., Torres Ibarra L., Rodriguez-Chavez C., Mendoza Duque E., Balasubramanian B. (2024). Leveraging Implementation Science to Optimize Strategies for Cancer Control in Mexico and Latin America. JCO Global Oncology. <https://ascopubs.org/doi/10.1200/GO-24-94000>.

Fernandez M.E. Moving evidence-based cancer control into practice in community health centers. Oral presentation at the Medical World Americas Conference. Houston, TX. April 28, 2014.

Ory, M., Kellstedt, D., Carvalho, M., Friedman, D.B., McCracken, J.L., **Fernandez M.E.**, Dawson, G., Kegler, M. Use of mini-grants to disseminate evidence-based interventions for cancer prevention and control. Oral presentation at the American Public Health Association annual meeting and expo. New Orleans, LA. Nov 15-19, 2014.

Strong, L.L., Stewart, D.W., Heredia, N., Krasny, S., Adams, C., Correa-Fernandez, V., Wetter, D.W., **Fernandez, M.E.** Barriers and facilitators to healthy eating and physical activity in overweight Mexican-origin smokers. Accepted for poster presentation at the annual meeting of the American Public Health Association, New Orleans, LA, November 15-19, 2014.

Chavez, T., Nehoray, B., Obregado-Tito, A., Ricker, C., Solomon, I., Niell-Swiler, M., Rybak, C., Alvarez, R., Villarreal, C., Sullcahuaman, Y., Cruz Correa, M.R., Shaw, R., Abugattas Saba, J.E., Cock-Rada, A., Orduz, A.I., Gallardo, L., del Toro, A., Mora, P., Melo, J.M., Noriega, M.F., Chaves, A.C.R., Morales, E.F., **Fernandez, M.E.**, Sand, S.R., Blazer, K.R., Weitzel, J.N. Exploring the climate, barriers, and possible approaches to implementing genetic cancer risk assessment in Latin America: a roundtable discussion. Accepted for poster presentation at the 7th annual American Association for Cancer Research conference on The Science of Cancer Health Disparities, San Antonio, TX, November 9-12, 2014.

Fernandez, M.E., Calo, W.A., Kegler, M., Carvalho, M., Liang, L., Weiner, B., Jacobs, S., Williams, R., Risendal, B., Coombs, L., Friedman, D., Herrmann, A., Tu, S-P., Taplin, S. Developing measures to assess constructs from the inner setting of the Consolidated Framework for Implementation Research. Oral presentation at the 7th Annual Conference on the Science of Dissemination and Implementation: Transforming Health Systems to Optimize Individual and Population Health, Bethesda, MD, December 8-9, 2014.

Haardorfer, R., Kegler, M., Bundy, L., Escoffery, C., Berg, C., **Fernandez, M.E.**, Williams, R., Hovell, M. Do Partial Home Smoking Bans Signal Progress toward a Smoke-Free Home? Accepted for

poster presentation at the 16th World Conference on Tobacco or Health, Abu Dhabi, United Arab Emirates, March 17-21, 2015.

Fernandez, M.E., Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Rodriguez, S.A., Vernon, S.W. Parental Recall of Daughter's HPV Vaccination Status. 30th International Papillomavirus Conference and Clinical and Public Health Workshops (HPV 2015) in Lisbon, Portugal, September 17-21, 2015.

Fernandez, M.E., Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Vernon, S.W. Evaluation of Two HPV Vaccination Educational Interventions for Hispanic Parents. 30th International Papillomavirus Conference and Clinical and Public Health Workshops (HPV 2015) in Lisbon, Portugal, September 17-21, 2015.

Savas, L.S., Lipizzi, E., Polivka, K.M., Coan, S.P., Shegog, R., Healy, C.M., Spinner, S.W., Miller, C.A., **Fernandez, M.E.,** Vernon, S.W. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presentation, 30th International Papillomavirus Conference & Clinical and Public Health Workshops, Lisbon, Portugal, September 17-21, 2015.

Fernandez, M.E., Woolf, N.H., Liang, S., Heredia, N.I., Kegler, M., Carvalho, M., Risendal, B., Dwyer, A., Young, V., Campbell, D., Balasubramanian, B., Gatus, L., Tu, S.P. Implementing practice change in Federally Qualified Health Centers: Learning from leaders' experiences. Oral presentation at the 3rd Biennial Society for Implementation Research Collaboration (2015): Advancing Efficient Methodologies Through Community Partnerships and Team Science in Seattle, WA, September 24-26, 2015.

Fernandez, M.E. Adapting an Evidence-based Approach to Fit your Community. Webinar presentation for Cancer Control Tap Mentorship Webinar. The George Washington University Cancer Institute, October 5, 2015.

Fernandez, M.E., Serra, Y., Savas, L., Mullen, P.D. Innovations in health promotion: From research to practice. Presentation at Cumbre Atlantica de Promoción de la Salud y Educación para la Salud: Referentes con nombre propio, Madrid, Spain, October 19-21, 2015.

Fernandez, M.E., Hartman, M., Mullen, P.D., Wood, R., Escoffery, C., Bartholomew, L.K. IM Adapt Online: An interactive tool for finding and adapting evidence-based cancer control interventions. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.

Fernandez, M.E., Savas, L.S., Arya, R.V., Dawson, G., Wood, R., Khan, M., Jobe, D., Vernon, S. Evaluation of the CPRIT 2-1-1 Program to Increase Cancer Control Behaviors Among Underserved Texans. Poster Presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.

Fernandez, M.E., Savas, L.S., Lipizzi, E., Roncancio, A.M., Khan, M.M., Fernandez-Espada, N., Rodriguez, S.A., Vernon, S.W. Evaluation of Two HPV Vaccination Educational Interventions for Hispanic Parents. Poster presentation, Innovations in Cancer Prevention and Research Conference. Austin, TX, November 9-10, 2015.

Gatus, L.A., Figueroa, E., Savas, L.S., Morales, P., Valdes, A., Hernandez, K., **Fernandez, M.E.** Increasing Screening Prevention to Reduce Disparities in Underserved Hispanic Women. Poster

- presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Mullen, P.D., Savas, L.S., Bundy, L., Haardörfer, R., Monroy, J.A., Williams, R., Hovell, M., Kreuter, M., Jobe, D., **Fernandez, M.E.**, Kegler, M. A Minimal Intervention to Promote Smoke-free Homes among 2-1-1- callers: The Texas Gulf Coast Effectiveness Trial. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Rangel, M.L., Gatus, L.A., Heredia, N.I., **Fernandez, M.E.** Health Fair Effectiveness to Improve Breast and Cervical Cancer Screening. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Rodriguez, S.A., Savas, L.S., Megdal, T., Bundage, K., Khan, M.M., **Fernandez, M.E.** Characteristics of HPV vaccination initiation and completion among 11–26-year-olds at a large urban FQHC. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Savas, L.S., Lipizzi, E., Polivka, K.M., Coan, S.P., Shegog, R., Healy, C.M., Spinner, S.W., Miller, C.A., **Fernandez, M.E.**, Vernon, S.W. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Healy CM, Lipizzi E, Savas LS, Polivka KM, Coan SP, Shegog R, Spinner SW, Miller CA, **Fernandez M.E.**, Vernon SW. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presented at the 2015 Texas Immunization Conference, Austin, TX, Nov 18, 2015.
- Savas, L.S., Mullen, P.D., Hovell, M., Cavazos, J., Escoffery, C., Kegler, M., Jones, J., Monroy, J.A., **Fernandez, M.E.** Formative Research for A Smoke-Free Homes (SFH) Intervention for Hispanic Texan Households. Poster presentation, Innovations in Cancer Prevention and Research Conference, Austin, TX, November 9-10, 2015.
- Savas, L.S., Lipizzi, E., Polivka, K.M., Coan, S.P., Shegog, R., Healy, C.M., Spinner, S.W., Miller, C.A., **Fernandez, M.E.**, Vernon, S.W. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presentation, 2015 Texas Immunization Conference, Austin, TX, November 18-20, 2015.
- Fernandez, M.E.**, Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Rodriguez, S.A., Cuccaro, P., Vernon, S.W. “Parental Recall of Daughter’s HPV Vaccination Status.” Poster Presentation at the 47th CDC National Immunization Conference, Atlanta, GA, September 2016.
- Rodriguez, S.A.*, Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M.J., Fernandez-Espada, N., Vernon, S.W., **Fernandez M.E.** Poster at the John P. McGovern Award Lecture in Health Promotion Student Poster Competition, Houston, TX, February 16, 2016.
- Poster presentation at the 30th International Papillomavirus Conference and Clinical and Public Health Workshops (HPV 2015) in Lisbon, Portugal, September 17-21, 2015.
- Fernandez, M.E.**, Savas, L.S., Rodriguez, S.A., Fernandez-Espada, N., Khan, M.M., Roncancio, A.M., Vernon, S.W. Evaluation of two HPV vaccination educational interventions for Hispanic parents.

- Poster presented at the 9th American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial/Ethnic and the Medically Underserved, Ft. Lauderdale, FL, September 25-28, 2016.
- Poster at the CDC 47th National Immunization Conference, Atlanta, GA, September 13-15, 2016.
- American Association for Cancer Research Ninth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, “Evaluation of the 2-1-1 Helpline Program to Increase Cancer Control Behaviors Among Underserved Texans,” Atlanta, GA, September 2016.

Fernandez, M.E., Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Rodriguez, S.A., Vernon, S.W. Evaluation of two HPV vaccination educational interventions for Hispanic parents.

- Oral presentation at the National Conference on Best and Promising Practices for Increasing HPV Vaccination presented by the National HPV Vaccination Roundtable, Atlanta, GA, August 29, 2016.
- Oral presentation at the National Hispanic Science Network 15th Annual International Conference, Palm Desert, CA, June 15-17, 2016.

Weitzel, J., Villareal-Garza, C., Blazer, K.R., Herzog, J., Castillo, D., Chavez, T., Gallardo-Alvarado, L., Wegman, T., Alvarez, R., Unger, K., **Fernandez, M.E.,** del Toro-Valero, A., Navarro, A.D., Meneses, A., Montalvo, L.H., Betancourt, A.M., van Tongeren, L. Dissemination and implementation of genomic cancer risk assessment in Latin America via innovative pairing of clinical training and genomic tools. Poster presentation, 2016 American Association for Cancer Research Annual Meeting, New Orleans, LA, April 16-20, 2016.

McGlone, M.S., Stephens, K.K., Savas, L.S., Rodriguez, S.A., Vernon, S.W., **Fernandez, M.E.** “Texts for taking action: Agency assignment in SMS vaccination reminders.”

- Kentucky Conference on Health Communication, Lexington, KY, April 2016.
- Poster presented at the 31st International Papillomavirus Conference: HPV 2017, Cape Town, South Africa, February 28-March 4, 2017.
- Oral presentation at the CDC 47th National Immunization Conference, Atlanta, GA, September 13-15, 2016.

Mullen, P.D., **Fernandez, M.E.,** Escoffery, C., Hartman, M., Wood, R., Bartholomew, L.K. “Application of a Theoretical Framework for Program Adaptation to an Interactive Online Format with Decision Support.” Oral Presentation at the Society for Public Health Education (SOPHE) 67th Annual Meeting, Charlotte, NC, April, 2016.

Fernandez, M.E., Mullen, P.D., Hartman, M.A., Wood, R.J., Escoffery, C.T., Bartholomew, L.W. “IM Adapt Online: An Interactive tool for finding and adapting evidence-based cancer control programs.” Oral Presentation at the 22nd International Union for Health Promotion and Education (IUHPE) World Conference on Health Promotion, Curitiba, Brazil, May, 2016.

Fernandez, M.E. “Por Nuestros Hijos (For Our Children): An educational intervention to increase HPV vaccination.” 22nd International Union for Health Promotion and Education World conference on Health Promotion, Curitiba, Brazil, May 24, 2016.

- Fernandez M.E.** “Parental Recall of Daughter’s HPV Vaccination Status.” Oral presentation at the National Hispanic Science Network’s Annual International Conference, Palm Desert, CA, June 16, 2016.
- Fernandez, M.E.,** Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Rodriguez, S.A., Vernon, S.W. “Evaluation of Two HPV Vaccination Educational Interventions for Hispanic Parents.” 47th CDC National Immunization Conference, Atlanta, GA, September 2016.
- McGlome, M., Stephens, K., Savas, L.S., Rodriguez, S.A., Vernon, S.W., **Fernandez, M.E.** “Texts for Taking Action: Agency Assignment in Text Messaging HPV Vaccination Reminders.” 47th CDC National Immunization Conference, Atlanta, GA, September 2016.
- Rodriguez, S.A., Mims, M., Savas, L.S., Bundage, K., Megdal, T., **Fernandez, M.E.** Development of a Provider Training to Increase HPV Vaccination Among 11-26 Year Olds in a Federally Qualified Health Clinic.” 47th CDC National Immunization Conference, Atlanta, GA, September 2016.
- Fernandez, M.E.,** Savas, L.S., Lipizzi, E., Roncancio, A., Khan, M., Fernandez-Espada, N., Rodriguez, S.A., Cuccaro, P., Vernon, S.W. “Parental Recall of Daughter’s HPV Vaccination Status.” 47th CDC National Immunization Conference, Atlanta, GA, September 2016.
- Rangel, M.L., Heredia, N., **Fernandez, M.E.** “Education for Hispanics about biobanking and clinical trials: A pilot study.” American Public Health Association Annual Meeting & Exposition, Denver, CO, November 1, 2016.
- *Eska J, Lairson, D., Savas, L., Shegog, R., Healey, C., Spinner, S., **Fernandez, M.E.,** Vernon, S. Implementation costs of a multi-component intervention to increase human papillomavirus (HPV) vaccination in a network of pediatric clinics. Poster presentation at the Innovations in Cancer Prevention and Research Conference. Austin, TX, Nov 14, 2017.
- Fernandez, M.E.,** Savas, L.S., Rodriguez, S.A., Fernandez-Espada, N., Lipizzi, E., Cuccaro, P.M., Roncancio, A., Vernon, S.W. Development and adaptation of two educational interventions for Hispanic parents to increase HPV vaccination among adolescents. Poster presented at the 31st International Papillomavirus Conference: HPV 2017, Cape Town, South Africa, February 28-March 4, 2017.
- Savas, L.S., Heredia, N.I., Coan, S.P., Bartholomew, L.K., **Fernandez, M.E.** A randomized controlled study of a community-based intervention to increase breast and cervical cancer screening in low-income Hispanics. 41st Annual American Society for Preventive Oncology Conference, Seattle, Washington, March 11-14th, 2017.
- Escoffery, N.C., Lebow-Skelley, E., Udelson, H., Boing, E., **Fernandez, M.E.,** Richard, R.J., Mullen, P.D. A scoping study of program adaptation frameworks for evidence-based interventions [Proceedings from the 9th annual conference on the science of dissemination and implementation abstract S73]. *Implementation Sci.* 2017; 12(Suppl1 1):48.
- Walker, T.J., Vanderpool, R., Brandt, H.M., Prajakta, A., Zubizarreta, M., Pilar, M., **Fernandez, M.E.,** Brownson, R.C., 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, August 2017.

- Vélez-Alamo, C., Acevedo-Fontanez, A.I., Colón-López, V., Soto-Salgado, M., Serra-Martínez, S.A., Valencia-Torres, I.M., **Fernandez, M.E.** Development of a tailored interactive multimedia intervention (TIMI) to promote colorectal cancer screening among Puerto Ricans. Poster presentation at the Tenth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; Atlanta, GA. September 25-28, 2017. <http://dx.doi.org/10.1158/1538-7755.disp17-c11>
- Colón-López, V., Vélez-Alamo, C., Acevedo-Fontanez, A., Soto-Salgado, M., Serra-Martínez, Y.A., Valencia-Torres, I.M., **Fernandez, M.E.** ¡Salud!, por la Vida, an educational intervention to increasing colorectal cancer screening in Puerto Ricans. Poster presentation at the Tenth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; Atlanta, GA. September 25-28, 2017. <http://dx.doi.org/10.1158/1538-7755.disp17-b24>
- Savas, L.S., Farias, A.J., Eska, J.S., Frost, E.L., Healy, C.M., Shegog, R., **Fernandez, M.E.**, Coan, S.P., Spinner, S.W., Vernon, S.W. Physician-reported human papillomavirus vaccination (HPV) recommendation and initiation among adolescent patients (11-12 years): Does wording matter? Poster presentation at the Cancer Prevention & Research Institute of Texas Innovations in Cancer Prevention and Research Conference. Austin, TX, November 13, 2017.
- Savas, L.S., Delaney, J., Valencia-Torres, I.M., Bundage, K., Megdal, T., Stevens, L., Mims, M., Ramondetta, L., **Fernandez, M.E.** Development of a Provider Training to Increase HPV Vaccination among 11-26 Year Olds in a Federally Qualified Health Clinic. Poster presentation at the Innovations in Cancer Prevention and Research Conference, Austin, TX, November 2017.
- Siceluff, A., Adlparvar, E., Cuccaro, P., **Fernandez, M.E.**, Savas, L.S. Using Intervention Mapping to Adapt a Breast and Cervical Cancer Education Prevention Program. Poster accepted at the Cancer Prevention and Research Conference, Austin, TX, November 2017.
- Becker, E., Shegog, R., Savas, L.S., Healy, C.M., Gabay, E.K., Frost, E.L., Spinner, S.W., **Fernandez, M.E.**, Vernon, S.W. HPV vaccination in the digital age: Development of HPVcancerFree, a parent-focused smartphone app to increase HPV vaccination rates. Poster presentation at the Cancer Prevention & Research Institute of Texas Innovations in Cancer Prevention and Research Conference, Austin, TX, November 13, 2017.
- Eska, J., Lairson, D., Savas, L.S., Shegog, R., Healy, C.M., Spinner, S., **Fernandez, M.E.**, Vernon, S.W. Implementation costs of a multi-component intervention to increase human papillomavirus (HPV) vaccination in a network of pediatric clinics. Poster presentation at the Cancer Prevention & Research Institute of Texas Innovations in Cancer Prevention and Research Conference. Austin, TX. Nov 14, 2017.
- Rodriguez, S.A., Roncancio, A., Savas, L.S., Lopez, D.M., Vernon, S.W., **Fernandez, M.E.** Using intervention mapping to develop and adapt two educational interventions to increase HPV vaccination among Hispanic adolescents. 5th Cancer Prevention & Research Institute of Texas (CPRIT): Innovations in Cancer Prevention and Research Conference, Austin, TX, November 13-14, 2017.
- Escoffery, C., Mullen, P.D., Lebow-Skelley, E., Haardoerfer, R., Boing, E., Udelson, H., Reece, D., Wood, R., Hartman, M., **Fernandez, M.E.** Systematic Review of Adaptations of Public Health Evidence-based Interventions. 10th Annual Conference on the Science of Dissemination and Implementation, Arlington, VA, December 6th, 2017.

- Rodriguez, S.A., Mullen, P.D., Lopez, D.M., Savas, L.S., **Fernandez, M.E.** Individual-, provider-, and clinic-level factors associated with adolescent HPV vaccination outcomes: A multilevel framework based on a systematic umbrella review. University of Texas Southwestern Medical Center Celebration of Women in Science and Medicine, Dallas, TX, February 7, 2018.
- Heredia, N.I., Durand, C.P., **Fernandez, M.E.**, Kohl III, H.W., van den Berg, A.E. Predictors of using public open spaces and walking in a low-income, Hispanic community. Active Living Research Conference 2018 in Banff, Canada, February 11-14, 2018.
- Rodriguez, S.A., Savas, L.S., Loomba, P., Lopez, D.M., Vernon, S.W., **Fernandez, M.E.** Correlates of accurate parental reporting of Hispanic daughter's HPV vaccination status. Advancing the Science of Cancer in Latinos, San Antonio, TX February 21-23, 2018.
- Savas, L.S., Heredia, N.I., Coan, S.P., **Fernandez, M.E.** Outcome Evaluation of a Community Health Worker-Delivered Breast and Cervical Cancer Screening Intervention Targeting Low Income Hispanics. Advancing the Science of Cancer in Latinos in San Antonio, Texas, February 22, 2018.
- Heredia, N.I., van den Berg, A.E., Durand, C.P., Kohl III, H.W., McNeill, L.H., Reininger, B.M., **Fernandez, M.E.** Co-action between physical activity and fruit and vegetable intake in a diverse group of obese adults. Sixth State of the Science Cancer Survivorship Research Symposium: Translating Cancer Survivorship and Energy Balance Research into Public Health Initiatives, Houston, TX, March 2, 2018.
- Serra-Martínez, Y., Colón-López, V., Valencia-Torres, I.M., Vélez-Alamo, C., Acevedo-Fontanez, A.I., **Fernandez, M.E.** Using Behavioral Journalism to Develop Newsletters for Addressing Barriers to Colorectal Cancer Screening among Puerto Ricans. Poster presentation at Society of Behavioral Medicine Annual Meeting, New Orleans, LA, April 11-14, 2018.
- Serra-Martínez, Y.A., Valencia-Torres, I.M., **Fernandez, M.E.** Using Intervention Mapping to Design a Health Education Program to Increase Colorectal Cancer Screening in Puerto Rico. Oral Presentation at the Society of Behavioral Medicine Annual Meeting, New Orleans, LA, April 11-14, 2018.
- Society of Behavioral Medicine Annual Meeting, Seminar: Using Intervention Mapping to Design Health Promotion Programs, New Orleans, LA, April 11, 2018.
- Becker, E.R., Shegog, R., Savas, L.S., Healy, C.M., Gabay, E.K., Frost, E.L., Spinner, S.W., **Fernandez, M.E.**, Vernon, S.W. Tech-based approach to informing mHealth product creation: Parent perspectives of HPV using online synchronous focus groups. Poster presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, Apr 14, 2018.
- Fernandez, M.E.**, Escoffery, C., IM Adapt Online: Development of an interactive tool for finding, adapting, and implementing evidence-based cancer control programs. Oral presentation at Cancer Prevention and Control Research Network, Chapel Hill, NC, May 21-23, 2018.
- Fernandez, M.E.**, Cuccaro, P.M., Savas, L.S., Delaney, J.N., Valencia Torres, I.M. Disseminating an evidence-based HPV vaccination intervention for parents of Hispanic adolescents. Poster presentation at Accelerating Rural Cancer Control Research Meeting, Bethesda, MD, May 30-31, 2018.
- Fernandez, M.E.**, Estrada, C.A., Kepka, D., Latrelle, H., Wood, L. Cervical Cancer: Prevention and Screening Panel Discussion. Cancer Alliance of Texas Quarterly Meeting, Austin, TX, August 9, 2018.

Rodriguez, S.A., Roncancio, A.M., Savas, L.S., Lopez, D.M., Vernon, S.W., **Fernandez, M.E.** Using Intervention Mapping to Develop and Adapt Two Educational Interventions to Increase HPV Vaccination among Hispanic Adolescents. Poster presentation at World Cancer Congress. Kuala Lumpur, Malaysia, October 1-4, 2018.

Fernandez, M.E., Savas, L.S., Elizabeth, B., Atkinson, J.S., McGauhey, K.G., Vernon, S.W. Evaluation of a Telephone Navigation program to Increase Cancer Control Behaviors. Poster presentation at World Cancer Congress. Kuala Lumpur, Malaysia, October 1-4, 2018.

Savas, L.S., Heredia, N.I., Coan, S.P., **Fernandez, M.E.** Effectiveness of a community health worker-delivered intervention to increase breast and cervical cancer screening among medically underserved Hispanics. E-Poster, Oral Presentation presented at World Cancer Congress; October 4, 2018; Kuala Lumpur, Malaysia.

Shegog, R., Crawford, C., Frost, E.L., Gabay, E.K., Becker, E.R., Coan, S., Savas, L.S., Healy, C.M., Spinner, S.W., **Fernandez, M.E.**, Vernon, S.W. HPV CancerFree: Feasibility of a mHealth intervention to influence parent HPV vaccination decision-making. Poster presented at the 32nd International Papillomavirus Conference, Sydney, Australia, Oct 6, 2018.

Rodriguez, S.A., Mullen, P.D., Lopez, D.M., Savas, L.S., **Fernandez, M.E.** Individual-, provider-, and clinic-level factors associated with adolescent HPV vaccination outcomes: A multilevel framework based on a systematic review of reviews. Poster to be presented at the 32nd International Papillomavirus Conference, Sydney, Australia, October 2-6, 2018.

Fernandez, M.E., Savas, L.S., Arya, R.V., Dawson, G., Wood, R., Khan, M., Vernon, S. Evaluation of the 2-1-1 Helpline Program to Increase Cancer Control Behaviors among Underserved Texans. Poster Presentation at Healthier Texas Summit, Austin, TX, October 25-26, 2018.

Crawford, C., Eska, J., Frost, E.L., Shegog, R., Gabay, E.K., Becker, E.R., Coan, S., Savas, L.S., Healy, C.M., Lairson, D.R., Spinner, S.W., **Fernandez, M.E.**, Vernon, S.W. HPVcancerFree mHealth Intervention. Poster presented at the 2018 Healthier Texas Summit, Austin, TX, Oct 25-16, 2018.

Savas, L.S., Heredia, N.I.*, Coal, S.P., Siceluff, A.C., **Fernandez, M.E.** Outcome Evaluation of a Community Health Worker-Delivered Breast and Cervical Cancer Screening Intervention Targeting Low Income Hispanics. Advancing the Science of Cancer in Latinos. San Antonio TX. February 22, 2018.

*Rodriguez, S.A., Savas, L.S., Loomba, P., Lopez, D.M., Vernon, S.W., **Fernandez, M.E.** Hispanic parental recall of daughter's HPV vaccination status: Findings from Por Nuestros Hijos. Advancing the Science of Cancer in Latinos Conference, San Antonio, TX, February 21-23, 2018.

*Rodriguez, S.A., Mullen, P.D., Lopez, D.M., Savas, L.S., **Fernandez, M.E.** Individual-, provider-, and clinic-level factors associated with adolescent HPV vaccination outcomes: A multilevel framework based on a systematic umbrella review. University of Texas Southwestern Medical Center Celebration of Women in Science and Medicine, Dallas, TX, February 7, 2018.

Society for Implementation Research Collaboration, 5th Biennial Conference, Systematic Adaptation of Evidence-Based Interventions: An Intervention Mapping Approach, Seattle, WA, September 2019.

- Vélez-Alamo, C., **Fernandez, M.E.**, Acevedo-Fontanez, A., Soto-Salgado, M., Rodríguez-Lebrón, J.L., Llavona-Ortiz, J.Y., Serra-Martínez, Y.A., Valencia-Torres, I.M., Colón-López, V. Development of a tailored interactive multimedia intervention (TIMI) to promote colorectal cancer screening among Puerto Ricans. Poster presentation at the Twelfth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; San Francisco, CA. September 20-23, 2019. <http://dx.doi.org/10.1158/1538-7755.disp19-b020>.
- Colón-López, V., Vélez-Alamo, C., Acevedo-Fontanez, A., Soto-Salgado, M., Rodríguez-Lebrón, J.L., Llavona-Ortiz, J.Y., Serra-Martínez, Y.A., Valencia-Torres, I.M., **Fernandez, M.E.** ¡Salud!, por la Vida, an educational intervention to increase colorectal cancer screening in Puerto Ricans. Poster presentation at the Twelfth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; San Francisco, CA. September 20-23, 2019. <http://dx.doi.org/10.1158/1538-7755.disp19-b009>
- Ibekwe, L.N., Cuccaro, P.M., Savas, L.S., Valerio, M.A., Foxhall, L.E., **Fernandez, M.E.** Implementing a colorectal cancer screening intervention in Texas FQHCs: A qualitative evaluation of provider perceptions. Poster session presented at: 12th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; Sept 20-23, 2019; San Francisco, CA.
- Preston, S.M., Savas, L.S., Coan, S., Frost, E., Healy, C.M., Spinner, S., Wilber, M., **Fernandez, M.E.**, Shegog, R. Pediatricians' Self-Efficacy to Address Parental HPV Vaccine Hesitancy. Poster presented at the American Public Health Association 2019 Annual Meeting & Expo (Philadelphia, PA), November 2019.
- Thackeray, A., Hoogeboom, T., Hess, R., Conroy, M., Fritz, J., Nijhuis-van der Sanden, M., **Fernandez, M.E.** Using intervention mapping to plan for implementation of a behavior change intervention in physical therapy (Poster). 12th Annual Conference on the Science of Dissemination and Implementation in Health, Washington DC, USA, December 4-6, 2019.
- DiMartino, L., Shah, N., Bosworth, H., **Fernandez, M.E.**, Gordeuk, V., Lottenberg, R., Kutlar, A., Melvin, C., Simon, J., Treadwell, M., Calhoun, C., Baumann, A., Potter, M., Klesges, L., Hagar, W., Jacobs, S., Lamont, A., and Hankins, J., for the Sickle Cell Disease Implementation Consortium. Using mHealth Apps to Improve Care for Patients with Sickle Cell Disease: Design of the mHealth Embedded in the Care of Sickle Cell Patients Who Take Hydroxyurea (mESH) Trial (Poster). Molecular Medicine Tri-Conference: beginning March 01, 2020 in San Francisco, CA
- Szeszulski, J., Estabrooks, P., **Fernandez, M.E.**, Lee, R.E., Walker, T.J. 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.
- Walker, T.J., Szeszulski, J., Robertson, M., Cuccaro, P., **Fernandez, M.E.** 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.
- Fernandez, M.E.**, Szeszulski, J., Walker, T.J., Markham, C.M., ten Hoor, G.A. 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

- Fernandez, M.E.**, Loomba, P., Savas, L.S., Cuccaro, P.M., Welski, A.V., Cruz, M., Valencia-Torres, I., Vernon, S.W. Using Implementation Mapping to Develop an mHealth Intervention to Increase Provider recommendation of HPV Vaccination. Poster presented to: The 33rd International Papilloma-virus Conference & Basic Science, Clinical and Public Health Workshops. Barcelona, Spain. Jul 20-24, 2020
- Sanchez-Cabrera, Y., Cardona-Cintrón, Y., Soto-Salgado, M., Ortiz-Ortiz, K.J., Quast, T., **Fernandez, M.E.**, Colón-López, V. “More stressful than cancer”: Treatment experiences lived during Hurricane Maria among breast and colorectal cancer patients in Puerto Rico [abstract]. In: Proceedings of the AACR Virtual Conference: Thirteenth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2020 Oct 2-4. Philadelphia, PA
- Savas, L.S., Haffey, M., Markham, C., Reininger, B., Cuccaro, P., Sifuentes, M., Adlpavar, E., Allen, C., Hernandez, R., Molina, J., Montgomery, S., Vidal, P., Goetz, M., **Fernandez, M.E.** Rapid development and implementation of a sars-cov-2 testing community-based intervention. Oral Panel Presentation at the 14th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual Conference, December 14-16, 2021; Virtual An Overview of Dissemination and Implementation Research at UTSPH, virtual course, August 2020.
- *Dias, E., Walker, T., Craig, D., Gibson, R., Szeszulski, J., Fernandez, **M.E.** 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, April 2021, Houston, TX.
- Savas, L.S., Loomba, P., Shegog, R., Allicock, M., Costa, C., Hedrick, A.M., English, A.S., Chenier, R.S., Markham, C.M., **Fernandez, M.E.** Using Implementation Mapping to Increase the Adoption and Implementation of Salud en Mis Manos (SEMM-DIA) a Breast and Cervical Cancer Screening and HPV Vaccination Intervention for Latinas. Poster Presentation at the 14th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual Conference, December 14-16, 2021.
- Ibekwe, L.N., Costa, C., Rosen, A., Valerio, M., Frachiseur, G., English, A., Allen, C., Savas, L., Balasubramanian, B., Walker, T., Rogith, D., Fenton, S., McGaha, P., Foxhall, L., **Fernandez, M.E.** Using Implementation Mapping to Guide Implementation of Evidence Based Colorectal Cancer Screening Intervention in Federally Qualified Health Centers. Accepted as poster to be presented virtually at: 14th Annual Conference on the Science of Dissemination and Implementation; Dec 14-16, 2021; Arlington, VA.
- Savas, L., Rosen, A., Walker, T., Craig, D.W., Frachiseur, G., Dias, E., Padilla, J., Hines, J., Chenier, R., Valerio, M., **Fernandez, M.E.** Poster presentation at American Society of Preventative Oncology, Examining Barriers to Implementing Evidence Based Interventions for CRCs in Federally Qualified Health Center: A multi-method approach. March 2022. Tucson, AZ.
- Savas, L.S., Loomba, P., Shegog, R., Allicock, M., Costa, C., Hedrick, A.M., English, A.S., Chenier, R.S., Markham, C.M., **Fernandez, M.E.** Using Implementation Mapping to Increase the Adoption and Implementation of Salud en Mis Manos (SEMM), a Breast and Cervical Cancer Screening and HPV Vaccination Intervention for Medically Underserved Latinas. Poster Presentation at the 24th Annual Conference of the International Union for Health Promotion and Education (IUHPE), Virtual Conference, May 15-19, 2022; Virtual

- Costa, C., Loomba, P., Chenier, R.S., Savas, L.S., **Fernandez, M.E.** Using a rapid qualitative approach to identify facilitators and barriers to implementation of an evidence-based breast and cervical cancer screening and HPV vaccination intervention. Texas Public Health Association Conference. Oral presentation. May 20, 2022.
- Colón-López, V., Valencia-Torres, I.M., Ríos, E.I., Llavona, J., Vélez-Alamo, C., **Fernandez, M.E.** Knowledge, Attitudes, and Beliefs About Colorectal Cancer Screening in Puerto Rico. Poster presentation at the 6th Annual Southeastern Colorectal Cancer Consortium Conference. Irving, TX. June 15-17, 2022.
- Colón-López, V., Velez, C., Soto-Salgado, M., Valencia-Torres, I., Savas, L., Fernandez-Espada, N., Calo, W., Pattatuci, A., **Fernandez, M.E.** Effectiveness of a Breast and Cervical Cancer Screening Promotion Program for Low-Income Puerto Rican Women. Available at SSRN: <https://ssrn.com/abstract=4146163> or <http://dx.doi.org/10.2139/ssrn.4146163> June 2022
- Valencia-Torres, I.M., **Fernandez, M.E.**, Soto-Salgado, M., Sanchez-Cabrera, Y., Colón-López, V. ¡Salud!, por la Vida, An Educational Intervention to Increase Colorectal Cancer Screening in Puerto Ricans. Poster presentation at the 6th Annual Southeastern Colorectal Cancer Consortium Conference. Irving, TX. June 15-17, 2022.
- Savas, L.S., Adlpavar, E., Figueroa, E., **Fernandez, M.E.** Evaluation of a Community Health Worker-Delivered Breast and Cervical Cancer Intervention Targeting Vulnerable Latinas: Comparing In-Person and Telephone-Based Education. Oral presentation at the American Public Health Association Annual Conference, Session: Community Health Workers in Public Health Education and Health Promotion (organized jointly with the Community Health Worker section); Nov. 9 2022.
- Nyitray, A.G., Nitkowski, J., McAuliffe, T., Swartz, M.D., **Fernandez, M.E.**, Deshmukh, A.A., Ridolfi, T.J., Smith, J.S., Chiao, E.Y., Giuliano, A.R., Schick, V. The Prevent Anal Cancer Study Team. Engagement In Home-based Vs Clinic-based Anal Precancer Screening Among Men Having Sex with Men: Interim Baseline Data From The Prevent Anal Cancer Self-Swab Study October 2022
- Birken, S.A., Leeman, J., Ko, L., Peluso, A., Wagi, C.R., Wangen, M., **Fernandez, M.E.**, Masud, M., Lee, M., Ryan, G., Adsul, P., Coy-Brown, M., Baloh, J., Kegler, M.C., Arem, H. Toward more comprehensive understanding of organizational influences on implementation: The organization theory for implementation science (OTIS) framework. An oral presentation at the 15th annual Dissemination and Implementation Conference. Washington, DC, December 2022.
- Baumann, A., Stevens, K., Brown, H., Misra-Hebert, A., Baldwin, L.M., **Fernandez, M.E.**, Melvin, C., Kripalani, S. What steps can Clinical Translational Science Awards (CTSAs) take to build capacity for translational, dissemination and implementation research and practice. An oral presentation at the 15th annual Dissemination and Implementation Conference. Washington, DC, December 2022.
- Zhang, K., Bauer, C., Reininger, B., Baur, C., **Fernandez, M.E.** Solving Critical Problems in Cancer Control using Spatial Science. A National NCI Comprehensive Cancer Center Meeting. Enhancing Implementation Science with Spatial Approaches. University of Southern California. Los Angeles, CA, January 2023.
- Nitkowski, J., Giuliano, A.R., Ridolfi, T.J., Chiao, E.Y., **Fernandez, M.E.**, Schick, V., Swartz, M.D., Smith, J.S., Nyitray, A.G., The Prevent Anal Cancer Study Team. Agreement of HPV Genotypes in Self- Vs. Clinician-Collected Anal Swabs Among Men Who Have Sex with Men (MSM) in

- Milwaukee, Wisconsin: The Prevent Anal Cancer Self-Swab Study. Eurogin 2023 – International Multidisciplinary HPV Congress. February 2023.
- Colón-López, V., Hull, P.C., Díaz-Miranda, O.L., Machin, M., Vega-Jimenez, I., Medina-Laabes, D.T., Soto-Abreu, R., **Fernandez, M.E.**, Ortiz, A.P., Suarez-Pérez, E.L. Evaluation of the Impact of the New School-Entry Policy on HPV Vaccination in Puerto Rico. Poster Presentation at Eurogin 2023 – International Multidisciplinary HPV Congress. February 2023.
- Savas, L.S., Alaniz, A., Loomba, P., Shegog, R., Costa, C., Adlparvar, E., Chenier, R.S., **Fernandez, M.E.** Salud en Mis Manos-Dissemination and Implementation Assistance (SEMM-DIA): Developing an Online Implementation Strategy Using the Systematic Implementation Mapping Approach. Poster Presentation at American Society of Preventative Oncology Conference (ASPO), San Diego, CA, March 2023.
- Valerio, M., Costa, C., Savas, L.S., Frachiseur, G., Balasubramanian, B.A., Rogith, D., Foxhall, L., Fenton, S.H., Walker, T., Carlton, A., McGaha, P., Chenier, R.S., Hines, D., Padilla, J., **Fernandez, M.E.** Developing Strategies to Increase Implementation of Evidence-Based Interventions for Colorectal Cancer Screening in Federally Qualified Health Centers: An Implementation Mapping Approach. Poster Presentation at American Society of Preventative Oncology Conference (ASPO), San Diego, CA, March 2023.
- Fernandez, M.E.**, Canfell, K., Brandt, H.M., Hull, P.C. Special Interest Satellite Symposium: Using Implementation Science to Accelerate and Improve HPV Vaccination. Oral presentation at the 35th International Papillomavirus Conference. Washington, D.C., USA. April 17-21, 2023.
- Nitkowski, J., Giuliano, A., Ridolfi, T., Chiao, E., **Fernandez, M.E.**, Schick, V., Swartz, M.D., Smith, J.S., Nyitray, A.G. Acceptability of anal HPV home self-sampling vs. clinician sampling among men who have sex with men: The Prevent Anal Cancer Study (NCT03489707). Oral presentation at the 35th International Papillomavirus Conference. Washington, D.C., USA. April 17-21, 2023.
- Valencia-Torres, I.M., Sanchez-Cabrera, Y., **Fernandez, M.E.**, Colón-López, V. Capacity Building for the Prevention of HPV-related Cancers and Promotion of the HPV Vaccine in Puerto Rico and Texas. Poster presentation at the 35th International Papillomavirus Conference & Basic, Clinical and Public Health Scientific Workshops. Washington, DC. USA. April 17-21, 2023
- Sanchez-Cabrera, Y., Valencia-Torres, I.M., **Fernandez, M.E.**, Colón-López, V. Educational campaign development for the promotion of the HPV vaccine in Puerto Rico and Texas. Poster presentation at the 35th International Papillomavirus Conference & Basic, Clinical and Public Health Scientific Workshops. Washington, DC. USA. April 17-21, 2023
- Zhang, K., Bauer, C., de Oliveira Otto, M.C., Bach, M., Zhang, Z., Lee, M., Ramphul, R., Yamal, J., Yaseen, A., Morrison, A., Sharma, S., Linder, S., Marko, D., Roy, R.W., Banerjee, D., Guajardo, E., McGaha, P., Crum, M., Boerwinkle, E., Reininger, B., **Fernandez, M.E.** *Protocol for adaptive geospatial selections of communities to implement evidence-based practices to increase COVID-19 testing uptake in the Texas RADx-UP study.* Oral Presentation at the RADx-UP Scientific Meeting (Virtual), May 3, 2023.
- Sanchez-Cabrera, Y., Valencia-Torres, I.M., **Fernandez, M.E.**, Colón-López, V. Development of Multi-sectoral Partnerships in the Quest to Target Effective HPV Vaccination Strategies in Puerto Rico. Poster presentation at the 1st University of Puerto Rico Comprehensive Cancer Center Annual Scientific Congress. San Juan, PR. May 5-6, 2023.

- Valencia-Torres, I.M., Sanchez-Cabrera, Y., **Fernandez, M.E.**, Colón-López, V. Development of The Role of Multisectoral Partnerships in the Dissemination of HPV Vaccination Campaigns in Puerto Rico. Poster presentation at the 1st University of Puerto Rico Comprehensive Cancer Center Annual Scientific Congress. San Juan, PR. May 5-6, 2023.
- Varon, M., Salcedo, M.P., Fellman, B.M., Troisi, C., Gasca, M., **Fernandez, M.E.**, Guerra, L., Daheri, M., Rodriguez, A., Toscano, P., Gowen, R., Gasca, M., Cavazos, B., Marin, E., Fisher-Hoch, S., Reininger, B., Ruosha, L., Baker, E., Schmeler, K. *Retrospective Cohort Study to assess the effect on Colposcopy of a multicomponent program in Texas' Rio Grande Valley*. ASCCP Scientific Meeting, Houston, TX, May 2023.
- Hankins, J., Porter, J., Alberts, N., Hsu, L., Walker, A., Badawy, S., Lottenberg, R., Gordeuk, V., Potter, M., Kutlar, A., Gibson, R.O., King, A., Melvin, C., Glassberg, J., DiMartino, L., Jacobs, S., **Fernandez, M.E.** Multi-Level mHealth Intervention Boosts Hydroxyurea Adherence in Patients with Sickle Cell Disease. 2023 ASPHO Conference, Fort Worth, TX, May 2023.
- Valencia-Torres, I.M., Sanchez-Cabrera, Y., **Fernandez M.E.**, Colón-López, V. *The role of multisectoral partnerships in the dissemination of HPV vaccination campaigns in Puerto Rico*. PACHE Biennial Conference, Rockville, MD, September 2023.
- Sanchez-Cabrera, Y., Valencia-Torres, I.M., **Fernandez M.E.**, Colón-López, V. *Development of Multi-sectoral Partnerships in the Quest to Target Effective HPV Vaccination Strategies in Puerto Rico*. PACHE Biennial Conference, Rockville, MD, September 2023.
- Betancourt, F., Jimenez-Gonzales, J., Valencia-Torres, I.M., Sanchez-Cabrera, Y., Pericchi, L.R., **Fernandez M.E.**, Colón-López, V. *Evaluation of ¡Salud! por la Vida, an educational intervention to increase colorectal cancer screening in Federally Qualified Health Centers in Puerto Rico*. PACHE Biennial Conference, Rockville, MD, September 2023.
- Valencia-Torres, I.M., Sanchez-Cabrera, Y., **Fernandez, M.E.**, Colón-López, V. *Knowledge, Attitudes, and Beliefs About Colorectal Cancer Screening in Puerto Rico*. PACHE Biennial Conference, Rockville, MD, September 2023.
- Sanchez-Cabrera, Y., Valencia-Torres, I.M., **Fernandez, M.E.**, Colón-López, V. *Development of Multi-sectoral Partnerships in the Quest to Target Effective HPV Vaccination Strategies in Puerto Rico*. AACR Disparities in Minorities Conference, Orlando, FL, September 2023.
- Valencia-Torres, I.M., Sanchez-Cabrera, Y., **Fernandez, M.E.**, Colón-López, V. *The role of multisectoral partnerships in the dissemination of HPV vaccination campaigns in Puerto Rico*. AACR Disparities in Minorities Conference, Orlando, FL, September 2023.
- Jimenez-Gonzalez, J., Betancourt, F., Valencia-Torres, I.M., Sanchez-Cabrera, Y., Pericchi, L.R., **Fernandez, M.E.**, Colón-López, V. *Evaluation of ¡Salud! por la Vida, an educational intervention to increase colorectal cancer screening in Federally Qualified Health Centers in Puerto Rico*. AACR Disparities in Minorities Conference, Orlando, FL, September 2023.
- Fernandez, M.E.**, Valerio-Shewmaker, V. *Opportunities to Improve Colorectal Cancer Prevention. Opportunities to Improve Colorectal Cancer Prevention. Opportunities to Improve Colorectal Cancer Prevention*. Texas Healthier Conference, Austin, TX, October 2023.

Fernandez, M.E., Perkison, W.B., Valerio-Shewmaker, M.A., Rodriguez, S.A. *Advancing Quality Primary Care Using Implementation Science*. Texas Healthier Conference, Austin, TX, October 2023.

Alaniz, A., Savas, L.S., Valero, Y., Costa, C., Shegog, R., Adlparvar, E., Chenier, R., **Fernandez, M.E.** *Development of Technical Assistance Support as Part of the Salud en Mis Manos Dissemination and Implementation Assistance (SEMM-DIA) Multicomponent Implementation Support Strategy; the SEMM-DIA Project ECHO Program*. CPRIT Conference, Galveston, TX, October 2023.

Catindig, J., Padilla, J., Frachiseur, G., Fenton, S., Poole, A., Hines, D., Alexander, C., Chenier, R. Bala, B.A., Valerio-Shewmaker, M.A., Savas, L., **Fernandez, M.E.** *Using technical assistance to facilitate implementation of evidence-based interventions to increase colorectal cancer screening in federally qualified health centers in Texas*. 2023 APHA Conference, Atlanta, GA, November 2023.

Costa, C., Allicock, M.A., McKenzie, A.H., Loomba, P., Chenier, R.S., Shegog, R., Savas, L.S., **Fernandez, M.E.** *Enhancing implementation of an evidence-based breast and cervical cancer prevention and early detection intervention: A qualitative study guided by CFIR*. 2023 APHA Conference, Atlanta, GA, November 2023.

Escoffery, C., Petagna, C., Agnone, C., Perez, S., Saber, L., Ryan, G., Dhir, M., Sekar, S., Yeager, K., Biddell, C., Madhivanan, P., Lee, S., English, A., Savas, L., Daly, E., Vu, T., **Fernandez, M.E.** *Systematic Review of Interventions to promote HPV Vaccination Globally*. 2023 APHA Conference, Atlanta, GA, November 2023.

Alaniz, A., Savas, L.S., Valero, Y., Costa, C., Shegog, R., Adlparvar, E., Goetz, M., Valdes, A., Morales, P., Estrada, C., Cowley, B., Chenier, R., **Fernandez, M.E.** *Development of a project echo program to provide technical assistance as part of the salud en mis manos dissemination and implementation assistance (SEMM-DIA) multicomponent implementation support strategy*. 16th Annual Dissemination and Implementation Science Conference, Arlington, VA, December 2023.

Baloh, J., Prajakta, A., Hannah, A., Mimi, C.B., **Fernandez, M.E.**, Terry, T.K., Huang, L.K., Lee, M., Mullins, M., Peluso, A., Wagi, C., Wangen, M., Birken, S. *Organization Theory for Implementation Science (OTIS) Framework: Critical Review from Organization Scientists*. 16th Annual Dissemination and Implementation Science Conference, Arlington, VA, December 2023.

Craig, D., Walker, T., McClam, M., **Fernandez, M.E.**, Workman, L., Dias, E., Lamont, A., Diamond, P., Huyadi, J., Padilla, J., Green, S., Wandersman, A., Zhang, K. *Understanding and Addressing Challenges When Assessing Organizational Readiness (R=MC2) for Implementation: High Scores; Data Quality; And the Balance between Rigor and Pragmatism*. 16th Annual Dissemination and Implementation Science Conference, Arlington, VA., December 2023.

Fernandez, M.E., Unger, K., Lajous, M., Potter, M., Millett, T., Torres Ibarra, L., Rodriguez Chavez, C., Mendoza Duque, E., Hashmi, A., Balasubramanian, B. *Leveraging Implementation Science to Optimize Strategies for Cancer Control in Mexico*. 4th Biennial Advancing the Science of Cancer in Latinos Conference. San Antonio, TX, USA. February 2024.

Millett, T., Beg, S., Rodriguez, C., Hashmi, A., **Fernandez, M.E.** *Using a participatory approach for the development of a guide on implementation research for non-communicable disease prevention and control in LMICs*. Consortium of Universities for Global Health 2024 Conference. Los Angeles, CA, USA. March 2024.

Craig, D.W., Walker, T.J., Cuccaro, P., Sharma, S., Heredia, N., Robertson, M.C., **Fernandez, M.E.** *Using the $R=MC^2$ heuristic to explore factors contributing to the implementation of physical activity opportunities in elementary schools: A qualitative study.* 45th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Philadelphia, PA, USA. March 2024.

Fernandez M.E., Unger K, Lajous M, Potter M, Millett T, Torres Ibarra L, Rodriguez C, Mendoza Duque E, Balasubramanian B. *Towards the Elimination of Cancer Health Disparities in Mexico and Latin America: Leveraging Implementation Science to Optimize Strategies for Cancer Control.* American Society of Preventive Oncology 2024 Conference. Chicago, IL, USA. March 2024.

Fernandez M.E., Unger Saldaña, K., Lajous, M., Potter, M.B., Millett, T.J., Torres Ibarra, L., Rodriguez Chavez, C., Balasubramanian, B.A. *Leveraging Implementation Science to Optimize Strategies for Cancer Control (LISTOS) in Mexico and Latin America.* 12th Annual Houston Global Health Collaborative Conference. Houston, TX, USA. April 2024.

Fernandez M.E., Unger-Saldaña, K., Lajous, M., Potter, M.B., Millett, T.J., Torres Ibarra, L., Rodriguez Chavez, C., Mendoza Duque, E., Balasubramanian, B.A. *Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control in Mexico and Latin America.* NCI 12th Annual Global Cancer Research Symposium. Virtual. May 2024.

Fernandez M.E., Unger-Saldaña, K., Lajous, M., Potter, M.B., Millett, T.J., Torres Ibarra, L., Rodriguez Chavez, C., Allen, C., Balasubramanian, B.A. *Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control in Mexico and Latin America.* 2024 Global Implementation Science Conference. UTHealth Houston Institute for Implementation Science & Global Implementation Society. Houston, TX, USA. May 2024.

Fernandez M.E., Unger-Saldaña, K., Lajous, M., Potter, M.B., Millett, T.J., Torres Ibarra, L., Rodríguez-Chavez, C., Allen, C., Balasubramanian, B.A. *Leveraging Implementation Science to Optimize Strategies (LISTOS) for Cancer Control in Mexico and Latin America.* 2024 Annual Texas Regional CTSA Consortium Meeting. Dallas, TX, USA. 07/11/24-07/12/24.

Savas, L.S., Costa, C., Lin, M., Alaniz, A., Shegog, R., Valero, A., Yeh, P., Chenier, R., **Fernandez, M.E.** *Usability testing of carean implementation support strategy to increase health centers' use of a breast and cervical cancer screening and HPV vaccination program for Latinas.* 36th International Papillomavirus Conference (IPVC); Poster. November 12-15, 2024.

McClam, M., Workman, L., Walker, T.J., Craig, D., Dias, E., Lamont, A., Wanderman, A., **Fernandez, M.E.** *Understanding optimistic bias in reporting readiness for implementation of evidence-based colorectal cancer screening interventions.* Poster presentation. Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA. December 8-11, 2024.

Fernandez, M.E., Kang, E., Balasubramanian, B., Walker, T., Unger, K. *Optimizing the Pace of Implementation Mapping Logic Model.* Workshop. 17th Annual Conference on the Science of Dissemination and Implementation in Health (2024), Arlington, VA, December 8-11, 2024.

Walker T.J., Green S., Workman L., Chuang R.J., Padilla J., Craig D., McClam M., Lamont A., Wanderman A., **Fernandez M.E.** *Adapting the $R=MC^2$ measure of organizational readiness for implementation in schools.* Accepted for poster presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA. December 9, 2024.

Walker T.J., Craig D.C., Pfladderer C., Onadeko K., Saving E.E., **Fernandez M.E.** *Use of Implementation Mapping to develop an Implementation Strategy for Classroom-based Physical Activity in Elementary Schools: A Feasibility Study*. Accepted for oral presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA. December 9, 2024.

Savas L.S., Alaniz A., Shegog R., Costa C., Adlparvar E., Valero A., Yeh P., Chenier R., **Fernandez M.E.** *Use of Implementation Mapping and Stakeholder Engagement to Develop Implementation Strategies for the Evidence-Based Salud en Mis Manos (SEMM) Program*. 17th Annual Conference on the Science of Dissemination and Implementation in Health; Arlington, VA, Poster. December 8-11, 2024.

Fernandez, M.E., Walker, T.J., Balasubramanian, B., Kang, E. *The Implementation Mapping Logic Model: Fundamentals and Applications*. Poster presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health (2024), Arlington, VA, December 8-11, 2024.

Kang, E., Walker, T.J., Balasubramanian, B., **Fernandez, M.E.** *Recommendations and Agenda for the Implementation Mapping Logic Model: Insights from Three Systematic Reviews*. Poster presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health (2024), Arlington, VA, December 8-11, 2024.

Tigova, O., Martinez, C., Barroso, I, Lopez, A.M., Anton, L, Castellano, Y., **Fernandez, M.E.**, Fernandez, E. *Promoting smoke-free homes among households with minors in Barcelona: an intervention pilot study*. Poster presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health (2024), Arlington, VA, December 8-11, 2024.

Cuccaro, P., Savas, L., Tang, J., Haffey, M., Reininger, B., **Fernandez, M.E.** *Just in Time Adaptation: Rapid Development and Implementation of a COVID-19 Vaccine Confidence and Uptake Intervention*. Poster presentation at the 17th Annual Conference on the Science of Dissemination and Implementation in Health (2024), Arlington, VA, December 8-11, 2024.

Marable J, Baker N, Bosch R, Buchanan A, Cragun D, Craig D, **Fernandez M**, Foss K, Hallquist M, Hughes Halbert C, Millett M, Roberts MC, Wagner I, Whitcomb C, Allen C. *Mapping and Analyzing Implementation Contexts to Advance Equitable Genomic Medicine: A Qualitative Multi-Site Study of Population Genomic Screening Programs*. 18th Annual Conference on the Science of Dissemination and Implementation in Health. National Harbor, MD. Dec 14-17, 2025.

Craig D, Baker N, Bosch R, Buchanan A, Cragun D, **Fernandez M**, Foss K, Halquist M, Hughes Halbert C, Marable J, Millett M, Roberts M, Wagner I, Whitcomb C, Allen C. *Using Implementation Mapping to Create an Implementation Toolkit to Increase Population-Wide Genomic Screening*. 18th Annual Conference on the Science of Dissemination and Implementation in Health. National Harbor, MD. Dec 14-17, 2025.

PROFESSIONAL SERVICE

International

2024-Present Organizing Committee, 37th International Papillomavirus Conference Workshop (IPVS 2025)

2024-Present Webinar Planning Committee, International Knowledge Utilization Colloquium

2022-Present	World Health Organization Global Implementation Science Technical Advisory Group
2022-Present	Board Member, Global Implementation Society
2022- ongoing	China Non-Communicable Disease Think Tank
2020-ongoing	Advising to China CDC on implementation of best practices for addressing CVD
2018-ongoing	Technical Consultant WHO consultant for Implementation Research in global settings
2018-ongoing	Member of the Scientific Committee, International Union of Health Promotion and Education (IUHPE).
2019	Consultation to the Icelandic Cancer Society and Ministry of Health on HPV testing as a national strategy for cervical cancer screening, October, 2019.
2018-2019	Optimization and Adaptation Think Tank, Hunter New England Population Health/The University of Newcastle, Wallsend NSW, Australia
2016-2019	Regional Trustee – North American Regional Office- regional representative on Board of Trustees, International Union for Health Promotion and Education (IUHPE)
2014-2015	Expert Technical Consultation for Population-Based Surveillance of Cervical and Breast Cancer Screening and Treatment; project sponsored by the CDC Foundation, WHO, and Gates Foundation.
2014-2015	Planning Committee and faculty for the Implementation Research Workshop "Introduction to Implementation Science and Cancer Control Program Planning" jointly organized by the Instituto Nacional del Cancer (INC, Argentina) and the U.S. National Cancer Institute
2013-2015	WHO consultant for the development of Health Promotion Practice Briefs
2013-2019	Consulting for Ministry of Health, Spain – Development of a Strategic Plan for the Control of Non-communicable Diseases.
2013	Planned and co-led a workshop on implementation science and health economics in the context of cancer control for the International Cancer Control Congress, Lima, Peru, November 6, 2013
2012- 2017	Director, WHO Collaborating Center at UTSPH CHPPR.
2011-2013	WHO Technical Advisory Committee: Comprehensive Cervical Cancer Control: Guide to Essential Practice (C4-GEP); WHO Headquarters in Geneva
2010-2013	Globally elected member of the Board of Trustees, International Union for Health Promotion and Education (IUHPE). Chaired a session on community participation for health promotion at the IUHPE World Conference in Pattaya, Thailand, August 28, 2013.

National and State Service, Working Groups, and Think Tanks

- 2025 - ongoing Member, Implementation Science Core, NIH Pragmatic Trials Collaboratory
- 2025 - ongoing Member, External Scientific Advisory Board, Engaging Communities of Hispanics/Latinos for Aging Research (ECHAR) Network
- 2025 - ongoing Member, Lung Cancer Screening and Tobacco Cessation Working Group, Cancer Prevention and Control Research Network
- 2025 - ongoing Member, Factors Influencing Implementation Working Group, Center for Mental Health Implementation Support (CMHIS)
- 2025 - ongoing Member, Pediatric Population Health Initiative, UTHealth Houston McGovern Medical School
- 2025 - ongoing Member, NCI/CGH Research Capacity Development Working Group
- 2025 - ongoing Member, NCI/CGH Actor Engagement Working Group
- 2025 - ongoing Member, NCI/CGH Context and Adaptation Working Group
- 2024 - ongoing Member, NCI Cervical Cancer Elimination Action Group
- 2024 - ongoing Planning Committee, Academy Health Dissemination and Implementation Conference
- 2024 Chair, Implementation Science/Pragmatic Trials Symposium, American Society Preventive Oncology
- 2023- ongoing External Advisory Committee, Center for the Promotion of Cancer Health Equity (CePCHE), University of Puerto Rico
- 2023- ongoing Multiple Sclerosis Implementation Network
- 2023- ongoing NIH Health Behavior Theories Project - Subgroup on Health Equity
- 2023- ongoing CPCRn Organizational Theory for Implementation Science Framework
- 2023 - ongoing Advisory Council, South Carolina Cancer Prevention and Control Research Network
- 2022- ongoing NIH Multi-level Training Institute
- 2022- ongoing HIV, Infectious Disease and Global Health Implementation Research Institute (HIGH IRI)
- 2021- ongoing Steering Committee for the 2021 Cancer Consortium for Implementation Science (CCIS) Conference
- 2021-ongoing Cross NIH Health Behavior Theory Workgroup Steering Committee
- 2019-ongoing NHLBI Sickle Cell Disease Implementation Consortium; and special consultation for program at Augusta University

2019-ongoing	Provided consultation on the development and evaluation of Increasing uptake of BP guidelines in FQHCs at Tulane University School of Public Health and Tropical Medicine
2019-ongoing	Consortium on Cancer and Implementation Science (CCIS): Served on the steering committee 2021-2022 for CCIS conference
2019-ongoing	Ohio State University, Improving Uptake of Cervical Cancer Prevention Services - P01 External Scientific Advisory Board Member
2018-ongoing	Implementation Research Group (IRG): Adaptation, Fidelity and Tailoring Group (AFT)
2023	Cross NIH Workgroup Co-Lead on Centering Equity Health Behavior Theory
2019-2022	Cancer Consortium for Implementation Science (CCIS) multi-level interventions work group lead
2018-2022	Member, Implementation Research Subcommittee, RTI International
2017-2019	Regional Trustee - North American Regional Office - regional representative on Board of Trustees, International Union for Health Promotion and Education (IUHPE)
2017	Member, National Institutes of Health Pathways to Prevention Panel
2017-2020	Member National HPV Vaccination Roundtable
2017	Member, Patient Centered Outcomes Research Institute (PCORI) grant merit review panel on Dissemination and Implementation
2017	National Institutes of Health Pathways to Prevention Workshop: Methods for Evaluating National Experiments in Obesity. Bethesda, MD. December 2017.
2017-2018	The AIMD Writing/Working Group
2016	Nominated for membership in the National Breast and Cervical Cancer Early Detection and Control Advisory Committee (BCCEDCAC)
2016-ongoing	Member of the Society for Implementation Research Collaboration (SIRC) Network of Experts
2014-2017	Co-chair of the Recruitment and Placement Subcommittee for the Geographical Management of Cancer Health Disparities Program (GMap) Region 4: Reducing Cancer in the South/Midwest, National Cancer Institute, Center to Reduce Cancer Health Disparities.
2012-2013	Seattle Implementation Research Conference (SIRC) Strategic Planning Group
2012-2013	HRSA Health Center Patient Experiences Survey Technical Advisory Committee for the Health Centers 2014 Patient Survey.

- 2011-2012 NCI Advisory Committee for Multilevel Interventions Across the Cancer Care Continuum
Journal Supplement and Conference
- 2011 NCI Think Tank on the Future Directions of Cancer Control Research
- 2011 Participant, Training Institute for Dissemination and Implementation Research in Health

Local, Regional and State Service

- 2024- ongoing Scientific Advisory Board Member, Air Alliance of Houston
- 2023- ongoing Member, Health Equity Collective
- 2019- ongoing Member, Texas HPV Coalition
- 2021-2022 Cancer Survivorship Research Workgroup and State Advisory Symposium: Served on the planning committee 2021-2022
- 2020-2022 Houston and Harris County COVID Communication and Community Outreach Group (unfunded)
- 2015- ongoing Member, Cancer Alliance of Texas

Scientific Publication Review

Guest Editor, Special topics Issue, Cancer
Editor Special topics issue of Frontiers in Public Health
Implementation Science
Implementation Science Communications
Frontiers in Public Health
Health Education and Behavior, Associate Editor (2013-2015)
Health Education and Behavior, Editorial Board
Global Health Promotion, Editorial Advisory Board member
Global Implementation Society Journal
American Journal of Preventive Medicine
Cancer Epidemiology, Biomarkers and Prevention
Preventive Medicine
Journal of Family and Community Health
Journal of Alternative and Complimentary Medicine
Journal of Biomedical Informatics
Cancer Causes and Control
Health Promotion Practice
Journal of Immigrant and Minority Health
Texas Public Health Journal
Vaccine

National Study Sections and Review Panels

- 2023 President's Scholar Awards (PSA) Selection Committee
- 2020 Member, Consortium for Cancer Implementation Science
- 2020 National Institutes of Health Grant Review: Strategies to Improve Health Outcomes and to Reduce Disparities in Rural Populations
- 2013-2017 Member, NIH Standing Review Panel: Dissemination and Implementation Research in Health Study Section.
- 2017 Member, NIH National Cancer Institute, Multilevel Interventions in Cancer Care Delivery Study Section PAR 15-108
- 2017 Patient Centered Outcomes Research Institute Review Panel

- 2016 National Institutes of Health Pathways to Prevention Panel Member
- 2016 National Institutes of Health- National Cancer Institute: PAR 15-108 Study Section.
- 2003 Reviewer, National Cancer Institute, Special Population Network Pilot Projects grants (April, December).
- 2002 Reviewer, National Cancer Institute, Special Population Network Pilot Projects grants (April, November).
- 1997 (November) Reviewer, Human Development and Aging Study Section, National Institutes of Health, Small Business Innovations Research Grant (SBIR) and Small Business Technology Transfer Grant Review.
- 1996 Reviewer, Human Development and Aging Study Section, National Institutes of Health, Small Business Innovations Research Grant (SBIR) and Small Business Technology Transfer Grant Review.
- 1996 Reviewer, Ryan White Special Projects of National Significance (SPNS); Health Resources and Services Administration (HRSA).
- 1997 Reviewer, Ryan White Title I Supplemental Grant for Eligible Metropolitan Areas.

University of Texas Health Science Center at Houston

Current-

Director, Center for Health Promotion and Prevention Research (2016-ongoing)
 Chair, Population Health Council (2024-ongoing)
 Chair, Research Council (2019-2021)
 Chair, Tenure and Promotion Committee (2017-2018)
 Member, UTSPH Executive Council
 Member, Faculty Search Committee, Houston
 Member, Faculty Search Committee, Dallas

Past-

Member, Scholarship and Traineeship Awards Committee
 Director of Diversity Programs, UTSPH
 Member, Dean Search Committee, Brownsville
 Annual Activity Report Review Committee
 Admissions Representative
 Member, Faculty Search Committee, Brownsville
 Member, Faculty Search Committee, El Paso

TEACHING AND MENTORING

- PH 1450 Dissemination and Implementation Research and Practice: A required course for DrPH students in Health Promotion and Behavioral Sciences that covers core concepts of Implementation Science and its application in Health Promotion, Fall 2021, Fall 2022
- PH 2163 An Introduction to Dissemination and Implementation Research in Health: A Two-Day Short Course. Health Promotion and Behavioral Sciences, University of Texas School of Public Health. Spring 2018, Summer 2018, Fall 2019, Fall 2020,
- PH 1113 Advanced Methods for Health Promotion Planning and Implementation (Intervention Mapping). Health Promotion and Behavioral Sciences, University of Texas School of Public Health. Fall 1998, Fall 1999, Fall 2000, Fall 2001, Fall 2002, Fall 2003, Fall 2004, Fall 2005, Spring 2007, Spring 2008, Spring 2009, Fall 2010, Fall 2011, Spring 2012, Spring 2013, Spring 2014, January

- short course, 2015, Spring 2015, January short course 2016, Spring 2016, January short course 2017, Spring 2017, Summer, 2017, Spring 2018, Summer 2018, Spring 2019, Spring 2020, Summer 2021, Summer 2022, Summer 2023.
- PH 1116 Introduction to Intervention Mapping. Health Promotion and Behavioral Sciences, University of Texas School of Public Health. Spring 2019, Summer 2020, Spring 2021
- PH 1117 Advanced Methods for Planning and Implementing Health Promotion, Health Promotion and Behavioral Sciences, University of Texas School of Public Health. Spring 2019, Summer 2020, Summer 2021
- PH 1498 Health Disparities in America: Working Toward Social Change. In collaboration with U.T. M.D. Anderson Cancer Centers Center for Research on Minority Health. Summer 2004-2011. Fall 2010, 2011, Fall 2012, Summer 2013, Fall 2013, Fall, 2015, Fall 2016, Fall 2017, Fall 2018.
- PH 1435 Health Promotion & Behavioral Sciences Doctoral/Post-Doctoral Seminar. Spring 2009.
- PH 2998 Scientific Writing, School of Public Health, University of Texas Health Science Center, Houston, TX. Summer 2008
- PH 7115 Health Promotion Theory and Methods I. School of Public Health, University of Texas Health Science Center, Houston, TX. Fall 1996.
- PH 7498 Public Health Communications: Case Studies. School of Public Health, University of Texas Health Science Center, Houston, TX. Fall 1996, Fall 1997.
- HLTH 285 Controlling Stress and Tension. Department of Health Education, University of Maryland, College Park, MD. Spring 1992.
- HLTH 346 Human Sexuality. Department of Health Education, University of Maryland, College Park, MD. Summer 1992.
- HLTH 140 Personal and Community Health. Department of Health Education, University of Maryland, College Park, MD. Fall 1992.

Seminars and Continuing Education Courses

La Sociedad Mexicana de Oncología, A.C., Cancun, Quintana Roo, Mexico, September 2025.

PASPE, Programa de Actualizacion de Salud Publica Y Epidimiologia, Mexico City, Mexico, August 25 - 29, 2025

Implementation Mapping: Using Intervention Mapping to Plan Implementation Strategies, Houston, Texas, April 28 - 30, 2025

Health Promotion Planning: An Intervention Mapping Approach, Houston, Texas, April 22 - 25, 2025
Workshop on Pragmatic Clinical Trials, Planning and Evaluating Cancer Control Interventions and Implementation Strategies, Houston, Texas, October 2024

EMSP 2024 - Implementation Science Course: Approaches in Applied Research, Escola de Salut Publica de Menorca, Menorca, Spain, September 23 - 25, 2024

Summer Course in Intervention Mapping, Maastricht University, Maastricht, The Netherlands, July 2024

Introduction to Implementation Science, The Public Health and Epidemiology Updating Program, Escuela de Salud Publica de Mexico, July 2024

Implementation Mapping: Using Intervention Mapping to Plan Implementation Strategies, UTHealth Houston, May 2024

Health Promotion Planning: An Intervention Mapping Approach, UTHealth Houston, May 2024

Equity in Program Development, Monash University, Melbourne, Australia. April 30 – May 2024

Spring Post Graduate Course: New Models of Care in Community Health, March 2024

Summer Course in Intervention Mapping, Maastricht University, Maastricht, The Netherlands, July 2023

Universitat de Barcelona - Campus Bellvitge. *Dissemination and Implementation Research and Practice Program*. 27-28 March 2023.

Universitat de les Illes Balears (Mapeo de Intervenciones) Diseño y Evaluación de Proyectos y Programas de Intervención en Salud. *The Intervention Mapping*. November 2022.

The University of Texas McGovern Medical School Clinical Research Curriculum in Healthcare Quality and Safety, *Introduction to Implementation Science*. 1 June 2022.

An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Overview of Implementation Science*. 2 June 2022.

The University of California San Francisco Workshop on Adaptation of Interventions, *Adapting Evidence-Based Interventions using IM-ADAPT*. 2 June 2022.

An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Developing Implementation Strategies Using Implementation Mapping*. 3 June 2022.

An Introduction to Dissemination and Implementation Research in Health: A short course for World Health Organization affiliated researchers, *Identifying Barriers and Facilitators to Implementation*. 3 June 2022.

Mexico National School of Public Health Video Conference, Developing Implementation Strategies for Cancer Control in the Real World. 5 April 2022.

University of North Carolina Implementation Science Speaker Series, *Planning Implementation Strategies Using Implementation Mapping*. 12 April 2022.

Childhood Arthritis and Rheumatology Research Alliance (CARRA) Annual Scientific Meeting

Implementation Science Workgroup Annual Meeting, *Dissemination and Implementation Research: Using Theories and Frameworks to Plan Implementation Strategies*. 26 April 2022.

HIV, Infectious Diseases and Global Health Implementation Research Institute (HIGH IRI), *Implementation Strategy Development of Tailoring/Using Theory & Framework to Inform Planning*. 8 March 2022.

An Overview of Dissemination and Implementation Research at UTSPH, virtual course, August 2020.

NCI Multilevel Intervention Training Institute: Planning Multilevel Interventions and Implementation Strategies Using Intervention Mapping, Virtual Workshop, June 2020.

Health Promotion Planning: An Intervention Mapping Approach at UTSPH, May 2020.

Seminar: Health Promotion Planning: An Intervention Mapping Approach, 3-day course, XXX Edición de la Escuela de Salud Pública de Menorca. Menorca, Spain. September 2019.

Dissemination and Implementation Research Course. Escuela de Salud Pública de Menorca, Menorca, Spain, September 17-26, 2018.

Comprehensive Cancer Control National Partnership HPV Workshop, University of Utah, Salt Lake City, Utah, August 2018.

Difusión e Implementación (D&I) Investigación y Práctica, Universidad de Girona, Girona, Spain, July 2018.

Summer Course in Intervention Mapping, Maastricht University, Maastricht, The Netherlands, July 2018

Dissemination and Implementation Research Short Course at UTSPH. Summer 2016, Spring 2017, Spring 2018, Summer 2018.

Using Intervention Mapping to Design Health Promotion Workshop. Society for Behavioral Medicine Meeting. New Orleans, LA, April 2018.

Pathway to Prevention Workshop, National Institutes of Health Office of Disease Prevention, December 2017.

University of Michigan U-M Institute for Clinical and Translational Research Dissemination and Implementation Research Short Course- Faculty- October, 2017.

Grand Rounds Lecture, Tulane University, October 2017.

Health Promotion Planning: An Intervention Mapping Approach. Short Course, San Diego State University, San Diego, CA. October 2017.

Intervention Mapping: Designing Interventions to Increase Cancer Screening Workshop. University of North Carolina-Chapel Hill. September 2017.

HPV Vax-A-Nation, Workshop, Medical University of South Carolina, Charleston SC, May 2017.

Mentored Training for Dissemination and Implementation Research in Cancer Institute 2017 Summer Institute. D&I Grant Writing/Review Panel, Faculty Member.

Building Capacity for Implementing Community-based Rural Cancer Control Research, Workshop, Rural Cancer Control: Challenges & Opportunities, University of Memphis, May 2017.

Dissemination & Implementation Project-Specific Training, Workshop, Augusta University, January 2017

Prevention -- Population-Level Interventions.

Rice University Glasscock School of Continuing Studies. Fall 2016

Role of Health Promotion in Cancer Control. Advanced Topics in Cancer: Introduction to Cancer Prevention and Control, San Juan, Puerto Rico, January 2016.

Study Designs for Dissemination and Implementation Studies presented at the Introduction to Program Planning and Implementation Research Workshop in Buenos Aires, Argentina November, 2014.

Seminar: Health Promotion Planning and Implementation (Intervention Mapping). University of Gerona, Spain. Summer 1999, 2004, 2007, 2010, 2012, 2013.

Seminar: Health Promotion Planning and Implementation (Intervention Mapping). University of Lerida, Spain. Summer 2003, Summer 2005, Summer 2013, Summer 2014.

Seminar: Dissemination and Implementation Research in Health, University of Gerona, Spain Fall 2014.

HIV/AIDS Prevention and Control: An Intervention Mapping Approach. University of Maastricht, Maastricht, The Netherlands. Summer 2002, Summer 2005, Summer 2007, Summer 2008.

Intervention Mapping: Health Promotion Planning. Short Course for the Center for Health Promotion and Prevention Research - Continuing Education in Health Promotion. University Of Texas School of Public Health, Houston, Texas. January 2005.

Health Education and Health Promotion Theory and Practice. University of Gerona, Spain. October, 2007, June 2008, November 2008.

Tailor-Made Course for Intervention Planning in El Salvador: An Intervention Mapping Approach San Salvador, El Salvador. February 2007, March 2007, October 2007, Maastricht, The Netherlands. July 2007, February 2008, June 2008.

Public Health Education and Health Promotion
Institute of Public Health, Cuernavaca, Mexico. August 2008.

Seminar: Health Promotion Planning and Implementation (Intervention Mapping)
Conducted a three-day workshop on the use of Intervention Mapping for planning and adapting evidence-based interventions. Conducted in collaboration with USF and Moffit Cancer Center, Tampa, December 2012.

Seminar: Health Promotion Planning and Implementation (Intervention Mapping)
Conducted a workshop on the use of Intervention Mapping for planning and adapting evidence-based interventions. University of Girona, Catalonia, Spain, September 2012.

Seminar: Advanced Health Promotion Planning: Intervention Mapping; Institute of Public Health; Barcelona, Spain. Fall 1996.

Seminar: Health Behavior Theory and Planning Models.
Universidad de Extremadura, Caceres, Spain. Fall 1997.

Mentoring

MENTORING TABLE					
Past/ Current Trainee	Trainee Name (Where Training Occurred)	Training Pe- riod (Degree)	Prior De- grees	Title of Research Project OR Thesis/ Dissertation Title	Current Position of Past Trainees / Source of Support of Current Train- ees
Predoctoral					
Past	Emanuelle Dias	2021-2023	MPH	Role: Dissertation Committee Member, Mentor	ORISE Fellow at the US Army/T32 Predoctoral Fellow, UTHealth School of Public Health
Current	Godson Eze	2024 - Present	MBBS, MPH, MHPM, MSc	Role: PhD Advisor	Program Director of the national HIV/AIDS Coor- dinating Unit in Trinidad and To- bago
Current	Clara Mercader	2015-present (PhD)	MS MS	Role: Advisor	
Past	Nayeema Ahmed	2016-2020	DPH	Role: Dissertation Committee Member	Public Health Ad- ministrator, City of Sioux Falls Health Department
Past	Nnabuchi Akpeh	2014-2020	DPH	Role: Dissertation Committee Member	Project Manager, Healthcare Business Analytics, UTHealth
Past	Natalia Heredia	2014-2018 (PhD)	MPH BA	Role: Advisor for PhD, continuing as mentor during postdoc at MD Anderson	Assistant Professor, UTHealth School of Public Health
Past	Lynn Ibekwe, MPH	2018-2021	MPH	Role: Mentor on NCI Predoctoral Fellowship from T32	NCI T32 Postdoc- toral Fellow- Harvard School of Public Health
Past	Sarah Arvey	2008- 2011	PhD MA BA	Role: Primary men- tor on R25T postdoc- toral fellowship. Addressing Latino Cancer Disparities	Director, Research & Evaluation, Lance Armstrong Foundation LIVESTRONG

				with Qualitative Research	Current Position: Senior Consultant Health Management Associates
Past	Jessica Austin MPH	2018-2019	MPH CPH	Role: Mentor on NCI Predoctoral Fellow- ship from T32	NCI T32 Pre- doctoral Fellow – UTHealth SPH (Dallas)
Past	Shirley Morrison Bluethmann (UTSPH-H) CECDP	2012-2014 (PhD)	BA MA MPH	Role: Academic Advisor and Dissertation Committee Implementation Re- search	Komen Fellowship Predoctoral Fellow, UTSPH Grant R25T NCI Fellow Current Position: Cancer Prevention Fellow Behavior Research National Cancer Institute Rockville, MD
Past	Marilyn Hinojosa- Lindsey (UTSPH-H)	2002- 2010 (PhD)	BS MA	Role: Academic Advisor Understanding treat- ment-related symp- toms management techniques, and symptom manage- ment self-efficacy in a sample of non- muscle invasive bladder cancer pa- tients	Senior Project Co- ordinator, Baylor College of Medicine & Houston VA HSR&D, Center of Excellence Assistant Professor Department of Psy- chiatry and Behav- ioral Sciences Baylor College of Medicine
Past	Claire Loe (UTSPH/UTSBI)	2009-2013	MPH	Role: Dissertation Advisor and mentor on AHRQ Keck fellowship- School of Biomedical Informatics Improving healthcare practices among a class of providers: Creating Learning in the Individual and the Group	CDC Public Health Internship Program Fellow

Past	Vishnu Prasad Nepal	2015-2018 (PhD)	DPH	Role: Dissertation Research Supervisor	Graduated 2018
Past	Syed Wasim Bin Noor (UTSPH-H)	2006-2012 (PhD)	MA MPH	Role: Academic Advisor HIV Prevalence and Contextual Risk-Factors among Injection Drug Users in Harris County, Texas	Post Doctoral Associate HIV/STI Intervention & Prevention (HIPS) Program Division of Epidemiology and Community Health University of Minnesota School of Public Health Post Doctoral Fellow Department of Psychology Ryerson University
Past	Ly Uyen Phan (UTSPH-H)	2008-2014 (PhD)	BA MA	Role: Academic Advisor	Statistics Instructor, Univ of St. Thomas, Houston, TX
Past	Maria Lizette Rangel	2016-2020	DPH	Role: Dissertation Committee Member	Graduated Dec 2020
Past	Serena Rodriguez	2015-2018 (PhD)		Role: Research Mentor	Assistant Professor, UTHealth School of Public Health
Past	Jennifer H Tektiris	2012- 2014	BS – Geology and Spanish MSM	Role: Academic Advisory Committee and Dissertation Advisor Dissertation title: Exploring Leadership as a Factor Influencing Implementation of Evidence-based Cancer Prevention and Screening Services in Community Health Centers	Executive Director, Research Planning and Development Duncan Family Institute for Cancer Prevention and Risk Assessment Division of Cancer Prevention and Population Sciences - Unit 1370 The University of Texas MD Anderson Cancer Center
Postdoctoral					
Past	Derek Craig	2022 – 2024	PhD, MPH	T32 Postdoctoral Fellow, Secondary Mentor	Assistant Professor, Department of Health Promotion and Behavioral

					Science, UTHealth Houston
Current	Eunyoung Kang	2022 – present	PhD	Mentor	IIS Postdoctoral Fellow
Past	Jessica Austin	2019 -2021	PhD, MPH	Role: Mentor, Dissertation Title: Understanding the Relationships between Survivorship Care Plans with Survivor-Level Outcomes among Breast and Colorectal Cancer Survivors	Assistant Professor, Department of Epidemiology & Socio-medical Sciences; Mayo Clinic
Past	Nathan Parker	2020-2022t	MPH, PhD	Role: Mentor on K01	Assistant Member, Moffitt
Past	Jacob Szeszulski	2019-2023	PhD	Role: Mentor on NCI Postdoctoral Fellowship from T32	Assistant Professor, Texas A&M AgriLife - Dallas
Past	Faith Fletcher, PhD	2012-2013	PhD	Role: Mentor on NCI CNP	Assistant Professor, Baylor College of Medicine Center for Medical Ethics and Health Policy
Past	Diana Stewart Hoover, PhD	2013-2017	PhD	Role: Mentor on NCI CNP and on NCI K01-awarded.	Scientific Editor and Consultant, Diana Hoover
Faculty					
Current	Derek Craig	2024-Present	PhD, MPH	Role: Mentor	Assistant Professor, Department of Health Promotion and Behavioral Science, UTHealth Houston
Current	Stephanie Silveria	2024-Present	PhD	Role: Mentorship on Implementation Science including grant submissions	Assistant Professor, UTHH; Department of Management, Policy and Community Health
Current	Mandy Hill	2024-Present	DrPH, MPH, HIVPCP	Role: Mentorship on R01 Grant Submissions	Professor; Director of Population Health; McGovern Medical School

					Department of Emergency Medi- cine
Current	Martin Blakely	2023-Present	MD	Role: Mentor on AHRQ K18	Professor, Pediatric Surgery, McGovern Medical School
Current	Olena Tigova	2023-Present	PhD	Role: Mentorship on Implementation Sci- ence	Scientific Project Manager, CIBER of Respiratory Dis- eases (CIBERES) WHO Collaborating Center for Tobacco Control, Institut Català d'Oncologia (ICO) Tobacco Control Unit, Institut d'Investigació Biomèdica de Bellvitge (IDIBELL) University of Barcelona (UB)
Current	Andrew Heitzer	2021- Present	PhD	Role: Mentor for K23	Assistant Member, St. Jude Medical
Current	Jessica Austin	2022-present	PhD, MPH	Role: Informal fac- ulty Mentor	Assistant Professor, Department of Epi- demiology & Socio- medical Sciences; Mayo Clinic
Current	Karla Unger	2022-Present	PhD	Role: Mentorship on Implementation Sci- ence and Grants	Mexican National Cancer Institute
Current	Martin Lajous	2022-Present	PhD	Role: Mentorship on Implementation Sci- ence and Grants	Mexican Institute of Public Health
Current	Leticia Torres Ib- arra	2022-Present	PhD	Role: Mentorship on Implementation Sci- ence and Grants	CENTRO DE IN- VESTIGACIÓN EN SALUD PO- BLACIONAL
Past	Prajakta Adsul	2021-2024	PhD	Role: Mentor on publications and grants	Assistant Professor, University Of New Mexico

Current	Jessica Islam	2023-Present	PhD	Role: Mentor on NCI	Assistant Professor, Moffit Center
Current	Hannah Lane	2021-present	PhD	Role: Mentor for K01	Assistant Professor, Population Health Science at Duke University School of Medicine
Current	Funlola G. Are	2021 – present	PhD	Role: Mentor for K23	Assistant Professor, McGovern Medical School, UTHSC
Past	Elva Arredondo	2017-2020	PhD	Faculty mentor in area of Implementation research	Professor, San Diego State University
Current	Kim Brunisholz, PhD	2020 – present	PhD	Role: Mentor for K01	Senior Scientist Assistant Professor Intermountain Healthcare Healthcare Delivery Institute
Current	Ana Bastos de Carvalho, MD	2020 - present	MD	Role: Mentor on K23 application which will be submitted this fall to the National Eye Institute at NIH	Assistant Professor Founding Co-Director, University of Kentucky Global Ophthalmology Program (UK GO) Director, Implementation Science lab Department of Ophthalmology & Visual Sciences University of Kentucky College of Medicine
Past	Vivan Colon	2011-2024	PhD MPH	Role: Primary mentor on U54 Puerto Rico Community Cancer Control Outreach Program, Trainee (Grant U54CA96297)	Associate Professor, Program of Health Services Evaluation, UPR RCM & Investigator PR Comprehensive Cancer Center
Current	Caitlin Allen	2021-Present	PhD	Mentor for RFA-HG-20-036: Using Implementation Mapping to Identify Strategies for	Assistant Professor, Public Health Sciences, MUSC

				Population-wide Ge- nomic Screening across Diverse Set- tings submission	
Current	Shannon Christy	2020 - present	PhD	RoleR01 Mentor	Assistant Member Department of Health Outcomes and Behavior Moffitt Cancer Cen- ter Assistant Professor Department of On- cologic Sciences University of South Florida
Current	Paula M. Cuccaro	2016 – Present	PhD	Role: Faculty Men- tor, publications and grants	Associate Professor, Health Promotion and Behavioral Sci- ences UTHealth School of Public Health
Past	Erika Fuchs	2017-2024	PhD	Role: K01 mentor	Assistant Professor, University of Texas Medical Branch, Galveston TX
Past	Abigail Gamble, PhD	2020 - 2024	PhD	Role: Mentor to a SIRC New Investi- gator Network of Ex- pertise (NoE) mem- ber	Associate Professor, Preventive Medi- cine and Pediatrics at the University of Mississippi Medical Center
Current	Moctezuma Garcia, PhD	2020 - present	PhD	Role: mentor for K23	Assistant Professor, San Jose State Uni- versity
Past	Maya Foster	2022-2023	PhD	Role: Mentor CCIS	Health Scientist, CDC
Past	Belinda Hernandez, PHD	2018 - 2024	PhD	Role: Faculty Men- tor	Assistant Professor, Health Promotion and Behavioral Sci- ences UTHealth School of Public Health
Past	Pamela C. Hull	2015-2022	PhD	Role: R01 mentoring committee	Assistant Professor of Medicine,

					Vanderbilt University Medical Center
Current	Cheedy Jaja, PhD	2020-present	PhD	Role: Mentor for R21	Associate Professor College of Nursing University of South Carolina
Current	Cristina Martinez, PhD	2020 – present	PhD	Role: Mentor on several grant applications and for building implementation science and health promotion research capacity	Assistant Professor University of Barcelona, Instituto Catalán de Oncología (Catalan Institute of Oncology)
Current	Katherine Mills, PhD, MSPH	2020-present	PhD	Role: Mentor, research related to implementation science and BP reduction	Associate Professor Department of Epidemiology Tulane University School of Public Health and Tropical Medicine
Current	Daisy Y. Morales-Campos (UTSPH-H)	2005-2009 (PhD) 2010-present	BA MA	Role: K01 mentoring committee Past Role was Academic Advisor Parenting practices, acculturation and Hispanic youth's sexual health	Associate Professor, Department of Health Promotion and Behavioral Sciences, SPH, UTHealth Houston Previously, Post-doctoral Fellow, Institute for Health Promotion Research, UTHSCSA, Dept. of Epidemiology and Biostatistics Awarded K01 Sept 2014
Past	Kelly Nelson, MD, FAAD	2018 - 2024	MD	Role: Mentor on KL2 application and mentoring on papers, general mentoring in implementation science and mentoring support for Prevent Cancer Foundation grant proposal	Associate Professor Department of Dermatology The Melanoma and Skin Clinic The University of Texas MD Anderson Cancer Center
Current	Mónica Pérez Jolles, PhD	2020 – present	PhD	Role: mentor for R01, Mentoring Support for R21	Associate Professor, University of

				proposal resubmission implementation science and mentoring support for Prevent Cancer Foundation grant proposal, Mentoring Support for R21 proposal resubmission	Colorado School of Medicine
Past	Byron Powell	2017-2021	PhD	Role: Mentor, publications and grants, including K01	Associate Professor, Washington University at St Louis
Current	Megan Roberts	2017-present	PhD	Mentor on K22	Assistant Professor, University of North Carolina, School of Pharmacy
Current	Serena A. Rodriguez	2015-present	PhD MPH MA BA	Role: Previous Dissertation Chair and Research Supervisor during PhD training. Graduated 2018. Continuing mentoring during Postdoc	Assistant Professor, Department of Health Promotion and Behavioral Science, SPH, UTHealth Houston
Current	Shari Rogal	2018-present	PhD	Faculty mentor in area of Implementation Science and Intervention Mapping. Mentor on submitted K23	Associate Professor, University of Pittsburgh, Medical School
Current	Lara Staub Savas (UTSPH-H) CECDP	2009-2010 (Postdoc) 2010-present-	BA MS PhD	Past Role: Postdoc mentor, Cancer Education and Career Development Program, U Texas HSC Houston, NCI #2 R25 CA57712 Current Role: Faculty Mentor, publications and grants	Associate Professor, Health Promotion and Behavioral Sciences UTHealth School of Public Health
Past	Chelsey R. Schlechter, PhD	2020 - present	PhD	Role: mentor for KL2 application and mentoring on papers	Assistant Professor, University of Utah
Past	Montserrat Soler, PhD, MPH	2020 - present	PhD	Role: Mentoring on implementation science and grant preparation for work in El Salvador	Project Scientist, Cleveland Clinic

Past	Kalyani Sonawane	2020-2024	PhD	Role: Mentor for K01	Associate Professor, Public Health Sciences, MUSC
Current	Larkin Strong, PhD	2020 - present	PhD	Role: Faculty mentor for several grants and intervention work	Professor, Department of Health Services Research University of Texas MD Anderson Cancer Center
Past	Maria E. Suarez-Almazor, MD, PhD	2020 -2022	PhD	Role: mentor for R25	Barnts Family Distinguished Professor UT MD Anderson Cancer Center
Past	Anne Thackeray	2017-2024	PhD	Role: Mentor on awarded K01: Leveraging physical therapy to improve PA in adults with chronic MSK conditions	Assistant Professor, University of Utah
Past	Erika L. Thompson	2022 - 2024	PhD	Role: Mentor on grant submission	Associate Professor, University of Texas School of Public Health San Antonio
Past	Kelly Trevino, PhD	2020 - 2024	PhD	Role: mentoring on grant submission	Assistant Attending Psychologist Co-Director, Psychooncology of Aging and Cancer Program (PAC MSK) Department of Psychiatry & Behavioral Sciences Memorial Sloan Kettering Cancer Center
Current	Marlen J. Trujillo, PhD, MBA	2020 - present	PhD	Role: Former student- continued mentoring and provided support for Spring Branch Community Health Center's HRSA-20-019 Service Area Competition grant application for HRSA	Chief Executive Officer Spring Branch Community Health Center
Past	Jennifer Tsui	2017-present	PhD	Role: K07 grant	Associate Professor of Population and

					Public Health Sciences, Keck School of Medicine of USC
Current	Timothy Walker, PhD	2017-present	PhD	Role: Primary mentor on NCI postdoctoral fellowship. Continuing as faculty mentor.	Assistant Professor, Department of Health Promotion and Behavioral Science, SPH, UTHealth Houston
Past	Susan T. Vadarparmil	2020-2023	PhD	Role Mentor for R01	Associate Center Director of Community Outreach and Engagement, Moffitt Cancer Center
Past	Elba C. Diaz-Toro	2008-2015	DMD MSD MPH	Puerto Rico Community Cancer Control Outreach Program, Trainee (Grant U54CA96297)	Professor And Chair Restorative Sciences Department School of Dental Medicine University of Puerto Rico, Medical Sciences Campus, PR Researcher, Population Sciences Research Session And Education Program Director Comprehensive Cancer Center, UPR
Past	Kevin O. Hwang	2012-2016	MD MPH	Role: Mentor on STTR submitted research study on reducing obesity through nutrition and physical activity and recently submitted 1115 waiver prevention proposal	Associate Professor, McGovern Medical School, UTHealth Houston
Past	Kristy Ward	2012-2016	MD	Role: Mentor on visiting training program (summer 2012) and mentor on K application	Associate Professor, WVU Cancer Institute

Dissertation Committee Member

Kimberly Lashaun Pounds (1998-2002)

Dissertation title: The use of women's health advisors to assist women in making medical decisions and communicating with their physicians.

Su-I Hou (1999-2000)

Dissertation title: Development and evaluation of a cervical cancer screening program for Chinese women.

Luis Fernando Velez (1998-2006)

Dissertation title: Smoking among teenagers in east Texas: An analysis of ethnic differences, and the situation of Latinos in particular.

Marilyn Tompkins (2002-2003)

Dissertation title: Cervical cancer screening in Hispanic women as compared with other ethnic groups on an urban campus.

Dora Patricia Chalela (2002-2006)

Dissertation title: Predictors of lifetime smoking among Latino youth in a Texas border community and social influences, attitudes and beliefs associated with smoking among border Latino youth.

Richard Palmer (2002-2003)

Dissertation title: Mammography screening among Hispanic migrant and seasonal farmworker women.

Evette Toney (2004-2005)

Dissertation title: Colorectal cancer screening: racial/ethnic and gender disparities in a population-based cross-sectional analysis of the United States.

Liliana Rodriguez (2005-2008)

Dissertation title: Emerging arboviruses in Harris County, Texas.

Syed Noor (2006-2012)

Dissertation title: HIV Prevalence and Contextual Risk-Factors among Injection Drug Users in Harris County, Texas.

William Calo (2010-2014)

Dissertation title: Place Matters: Associations Between Contextual Characteristics and Health.

Shirley Bluethman (2012-2014)

Dissertation Title: Time Since Diagnosis, Symptom Burden and Health Behaviors in Breast, Prostate and Colorectal Cancer Survivors.

Nnabuchi Akpeh (2013- ongoing)

Dissertation title: Disparities in Patient Safety Events.

Claire Lowe (2013-2015)

Dissertation title: Improving healthcare practices among a class of providers: Creating Learning in the Individual and the Group.

Jennifer Hodne Tektiridis (2012-2014)

Dissertation title: Exploring leadership as a factor influencing implementation of evidence-based cancer prevention and screening services in community health centers.

Serena Rodriguez (2015-2017)

Dissertation Title: Individual-level and clinic-level factors associated with HPV vaccine initiation among 11-17 year old adolescents.

Natalia Heredia (2014-2018)

Dissertation Title: Understanding Energy-Balance Behaviors in Diverse Populations.

Jayson Rhoton (2018-2018)

Dissertation Title: Underlying Factors contributing to Lower Cancer Screening Utilization in a Sub-sample of Way 2-1-1 callers.

Vishnu Prasad Nepal (2015-2018)

Dissertation Title: Evaluation of Measures and a Brief Intervention to Increase Colorectal Cancer Screening.

Sara Salah Atallah (2017-2019)

Dissertation Title: The Impact of the ACA Cost-Sharing Elimination Provision on the Utilization of Breast, Cervical, and Colorectal Cancer Screening Services among insured individuals in the United States.

Jessica Danielle Austin (2018-2019)

Dissertation Title: Understanding the Relationships between Survivorship Care Plans with Survivor-Level Outcomes among Breast and Colorectal Cancer Survivors.

Maria Lizette Rangel (2015-2020)

Dissertation Title: Evaluating the Impact of a Project ECHO Training on Improving the Outcomes of Community Health Workers and Cancer Survivors.

Nayeema Ahmed (2016-2019)

Dissertation Title: Measuring Cultural Humility of Community Health Workers.
Committee Member

Nnabuchi Akpeh (2014-2020)

Dissertation Title: Disparities in Patient Safety Events for Hospitalized Patients.
Committee Member

Emanuelle Dias (2019-2023)

Dissertation Title: Individual- and Clinic-Level Factors Influencing Colorectal Cancer Screening in Federally Qualified Health Centers.
Committee Chair

Jenna Sneed (2021-present)

Dissertation Title: The Creation of a Team Behavior Experience Index for Psychological Safety in Nursing.
Committee Member

Meghan Haffey (2019-2023)

Dissertation Title: Factors Influencing COVID-19 Vaccination Behavior Among Adults with Asthma.

Committee Chair

Shari Esquenazi-Karonika (2022-2023)

Dissertation Title: The Association between Digital Screen Time and Depression, Sleep Duration, and Electronic Bullying among U.S. High School Students Before and During the COVID-19 Pandemic: Cross-Sectional Analyses of National Data from 2019 and 2021.

Committee Member

Clara Mercader (2015-present) – ongoing

Committee Chair

PROFESSIONAL CONSULTING

As an independent consultant, clients have included the World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), the National Institute of Occupational Safety and Health (NIOSH), the University of Puerto Rico Cancer Center, Macro International Inc., The Y.W.C.A. of the U.S.A., the National Center for Farmworker Health (NCFH), Valdez and Associates, AMC Cancer Research Center, the Association for the Advancement of Health Education (AAHE), Colgate Palmolive- Corporation, Avon's Breast Health Fund, the American Cancer Society, Moffit Cancer Center, the University of Tennessee, and the Sanchez Cancer Center. Selected activities include the following:

- Evaluation design and oversight of national breast and cervical cancer program. Evaluation training of local association staff from 79 sites across the country.
- Formative and process evaluation of cancer prevention project. Included the conduct of focus groups, analysis of qualitative data, and preparation of reports. Focus group interviews were conducted with Hispanic women concerning breast and cervical cancer prevention and early detection.
- Qualitative data collection and analysis with white and Hispanic women concerning genetic screening (cystic fibrosis carrier screening); prepared focus group guides, analyzed results, and prepared reports.
- Process evaluation of compact disc interactive on cancer prevention and early detection for AMC Cancer Research Center.
- Advisory committee for development of teacher training materials on multicultural health education.
- Evaluation of mobile van program for oral health screening—Colgate-Palmolive.
- Consultant for Phase I SBIR Multimedia Breast Cancer Education Kiosks for Latinas, Principal Investigator, Armando Valdez, Ph.D. Provided review and consultation throughout the grant process, instrument development, conduct of focus groups with Latinas, analysis of focus group findings, and program design and evaluation.
- Consultant for the National Center for Farmworker Health. Intervention development on breast and cervical cancer prevention and early detection modules; director of evaluation for the replication and dissemination project; consultation on a safety education program for farmworkers.
- Consultant for Avon's Breast Health Fund: Development of a comprehensive evaluation strategy for funded sites.

- Consultant for the American Cancer Society's "Tell a Friend" Breast and Cervical Cancer Screening Program for Hispanic women (intervention development and evaluation).
- Consultant for the Sanchez Cancer Center, Mercy Hospital, Laredo, Texas. Assistance with the development of research protocols for cancer control programs targeting Hispanics in the Laredo area.
- Consultant for the Foundation for Informed Medical Decision-Making. Review of translation and adaptation of prostate cancer screening educational materials for Hispanic populations.
- Consultant for the National Institute of Occupational Safety and Health. Qualitative study and development of a hearing loss prevention program for farmworkers and farm managers.
- Consultant for NIH Phase II SBIR proposal (Auger, PI): "Teaching with Stories: A lay health educator prenatal outreach program for Hispanics."
- Mentor for Speed Mentoring Event during the National Hispanic Science Network Annual Meeting June 2016, San Diego, CA
- Consultant Services for University of South Carolina for Consulting for conceptualization and implementation for the readiness measure in the SCALE communities and comparisons. Review of readiness instrument, consultation on relevance of constructs, review and consultation related to collected data, planning for additional instrument validation.
- Consultant for ESCALATES, serving on the National Advisory Committee.
- Consultant for Sickle Cell Disease Implementation Consortium, representing Augusta University grant at NIH National Heart, Lung, and Blood Institute meetings.
- Consultant, Moffit Cancer Center. National Cancer Institute R01: *Expanding the reach of a validated smoking cessation intervention: A Spanish-language RCT* (Brandon/Simmons MPI).
- Scientific Advisory Committee. Vanderbilt University School of Medicine. *Increasing HPV Vaccination in Community Pediatric Practices*. Pamela Hull, PI.
- Consultant, San Diego State University. *Adaptation of Fe en Accion to LGBTQ populations*. PI: Elva Arredondo.
- Consultant, Tulane University, School of Public Health. R01: *Increasing uptake of BP guidelines in FQHCs*.
- Consultant, Department of Defense, through contract with RAND. Increasing organizational readiness to implement sexual assault prevention programs.
- Consultant, on implementation research for Tulane University on two funded studies including Implementation of Multifaceted Patient-Centered Treatment Strategies for Intensive Blood Pressure Control (IMPACTS) trial to test the effectiveness of intensive BP reduction on cognitive decline.

- Consultant, World Health Organization – Training and Technical Assistance to Increase Implementation Research in Chronic Disease in Low- and Middle-Income Countries.
- Implementation of Sexual Assault Prevention in the Military. Wandersman Center.