University of North Carolina Representatives at the 14th Annual Conference on the Science of Dissemination and Implementation in Health

December 14-16, 2021 | A Virtual Event

**TUESDAY, DECEMBER 14TH**

3:15-3:30 pm 
**Podium Presentation**

The COVID-19 community-engaged risk communication (CERC) project: Using a soft systems approach to develop tailored implementation strategies in a rural black faith-based organization

Snigdha Peddireddy, MPH¹, Monica Taylor, PhD², Jada Gailliard²,³, Maya Wright, MPH³, McKayla Williams²,⁴, Leah Frerichs, PhD³, Christy Arnold, MSN, RN², Stephanie Battle², James Gailliard², Patsy Polston, PhD³, Lori Carter-Edwards, PhD³ and Rohit Ramaswamy, PhD³,

(1)Emory University, Atlanta, GA, (2)Word Tabernacle Church, Rocky Mount, NC, (3)UNC Chapel Hill Gillings School of Global Public Health, Chapel Hill, NC, (4)UNC Chapel Hill, Chapel Hill, NC

3:45-4:00 pm 
**Podium Presentation**

Preparing to take the med-south lifestyle program to scale

Jennifer Leeman, DrPH¹, MDiv, Carmen Samuel-Hodge, PhD, RD¹, Kiira Lyons, MA¹

(1) University of North Carolina at Chapel Hill

**WEDNESDAY, DECEMBER 15TH**

3:30-3:45 pm 
**Podium Presentation**

How does the eric typology apply to implementation of clinical decision support for genomic medicine?: Specifying and reporting implementation strategies for desired outcomes among a genomic medicine implementation network

Nina Sperber, PhD¹,²,³,⁴, Olivia Dong⁵, Megan Roberts, PhD⁶, Paul Dexter⁷,⁸, Amanda Elsey, MHA⁹, Geoffrey Ginsburg, MD, PhD³, Carol Horowitz, MD, MPH¹⁰, Julie Johnson⁹, Ken Levy¹¹, Henry Ong¹², Josh Peterson¹³, Toni Pollin¹⁴, Tejinder K. Rakhra-Burris, MA³, Michelle Ramos, MPH¹⁰, Todd Skaar¹¹ and Lori Orlando³

(1)Duke University School of Medicine, Department of Population Health Sciences, Durham, (2)Government, Durham, NC, (3)Duke University School of Medicine, Durham, NC, (4)Duke-Margolis Center for Health Policy, Durham, NC, (5)RTI Health Solutions, Durham, NC, (6)University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Chapel Hill, NC, (7)Regenstrief Institute, Inc., Indianapolis, IN, (8)Clem McDonald Center for
THURSDAY, DECEMBER 16TH

12:30 - 12:45 pm

**Podium Presentation**

**Increasing access to organization theories for use in implementation science**

Sarah Birken, PhD, MSPH\(^1\), Jennifer Leeman, DrPH, MDiv\(^2\), Linda Ko, PhD, MPH\(^3\), Maria Fernandez, PhD\(^4\), Mary Wangen, MPH\(^3\), Hannah Arem, PhD, MPH\(^5\), Terry Huang, PhD, MPH, MBA\(^6\), Michelle Kegler, DrPH, MPH\(^7\), Per Nilsen, PhD\(^8\), Prajakta Adsul, PhD, MBBS, MPH\(^9\); and Matthew Lee, DrPH, MPH\(^10\).

\(^{1-10}\) Biomedical Informatics, Indianapolis, (9) University of Florida, Gainesville, FL, (10) Icahn School of Medicine at Mount Sinai, New York, NY, (11) Indiana University School of Medicine, Indianapolis, (12) Vanderbilt University Medical Center, Nashville, (13) Vanderbilt University Medical Center, Nashville, (14) University of Maryland School of Medicine, Baltimore

1:00 - 1:15 pm

**Podium Presentation**

**Equitable Implementation at work**

Allison Metz, PhD\(^1\), Beadsie Woo\(^2\), Audrey Loper, MPH\(^3\)

\(^{1-3}\) Biomedical Informatics, Indianapolis, (9) University of Florida, Gainesville, FL, (10) Icahn School of Medicine at Mount Sinai, New York, NY, (11) Indiana University School of Medicine, Indianapolis, (12) Vanderbilt University Medical Center, Nashville, (13) Vanderbilt University Medical Center, Nashville, (14) University of Maryland School of Medicine

2:15 - 2:30 pm

**Podium Presentation**

**Competencies for Supporting Evidence Use: The role of Trusting Relationships in Implementation**

Allison Metz, PhD\(^1\), Todd Jensen, Ph.D.\(^2\), Amanda Farley\(^3\), Leah Bartley, PhD\(^4\)

\(^{1-4}\) Biomedical Informatics, Indianapolis, (9) University of Florida, Gainesville, FL, (10) Icahn School of Medicine at Mount Sinai, New York, NY, (11) Indiana University School of Medicine, Indianapolis, (12) Vanderbilt University Medical Center, Nashville, (13) Vanderbilt University Medical Center, Nashville, (14) University of Maryland School of Medicine

2:30 - 2:45 pm

**Podium Presentation**

**The TDR dissemination and implementation massive open online course (MOOC): Evaluation and lessons learned from seven low-and middle-income countries.**

Ashlin Rakhra, MPH\(^1\), Cole Hooley, PhD, LCSW\(^2\), Meredith Fort, PhD\(^3\), Mary Beth Weber, PhD, MPH\(^4\), Mina Hosseinipour, MD\(^5\), Manuel Ramirez\(^6\), Kezia Adjei\(^7\), Adamson S. Muula\(^8\), Annette Fitzpatrick\(^9\), Hoa L. Nguyen\(^10\), Victor Davila\(^11\), Josephine Andesia\(^12\), Kingsley Apusiga, Mphil\(^7\), LeShawndra Price, Ph.D.\(^13\), Pascal Launois\(^14\); and Ana Baumann, PhD\(^15\)

\(^{1-15}\) Biomedical Informatics, Indianapolis, (9) University of Florida, Gainesville, FL, (10) Icahn School of Medicine at Mount Sinai, New York, NY, (11) Indiana University School of Medicine, Indianapolis, (12) Vanderbilt University Medical Center, Nashville, (13) Vanderbilt University Medical Center, Nashville, (14) University of Maryland School of Medicine, Baltimore
### Podium Presentation

**Adapting an evidence-based dating abuse prevention program for online delivery to promote engagement among teens and moms**

Eliana Armora Langoni, Vangie A. Foshee, PhD, MEd, Natalie Blackburn, PhD, MPH, Kara Giannone, MPH and H. Luz Mcnaughton Reyes, PhD, MPH

*University of North Carolina - Chapel Hill, Chapel Hill, NC*

### Virtual Poster Presentations

**Session: Behavioral Health**

**Determinants of urologists’ adherence to active surveillance follow-up guideline for low-risk prostate cancer**

Soo hyun Hwang, MPH¹ and Sarah Birken, PhD, MSPH²

¹University of North Carolina at Chapel Hill, (2)Wake Forest School of Medicine

**Session: Best Poster Nominations**

**Enhancing HIV self-testing among nigerian youth: Feasibility and preliminary efficacy of a quasi-experimental study using crowdsourced youth-led strategies**

Juliet Iwelunmor¹, Oliver Ezeki², Chisom Obiezu-Umeh, MPH¹, Titilola Gbaja-Biamila, MBBS³, Adesola Musa², Dr. Ucheoma Nwaozuru, PhD⁴, Hong Xian⁵, David Oladele, MBBS, MPH, MSc⁶, Collins Airhihenbuwa, MPH, PhD⁷, Kathryn Muessig, PhD⁷, Nora Rosenberg, PhD⁷, Donaldson Conserve, PhD⁸, Jason Ong, MD⁹, Susan Nkengasong, MS¹⁰, Suzanne Day, PhD¹¹, Kadija Tahili, MPH¹¹, Rhonda BeLue¹, Stacey Mason¹, Weiming Tang, MD¹¹, Gbenga Ogedegbe¹² and Joseph Tucker⁷

¹Saint Louis University, Saint Louis, MO, (2)Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria, (3)Nigerian Institute of Medical Research, Lagos, Nigeria, (4)Wake Forest University School of Medicine, Winston-Salem, NC, (5)Saint Louis University, Saint Louis, Missouri, (6)Georgia State University, Atlanta, GA, (7)University of North Carolina at Chapel Hill, Chapel Hill, NC, (8)The George Washington University, Washington, DC, (9)Monash University, Melbourne, Australia, (10)London School of Hygiene and Tropical Medicine, London, United Kingdom, (11)University of North Carolina at Chapel Hill, Chapel Hill, NC, (12)Department of Population Health, New York University Grossman School of Medicine, New York, NY

**Session: Building the Future of D&I Science: Training, Infrastructure, and Emerging Research Areas**

**De-implementation of low-value imaging: Multilevel determinants of urologists’ decision-making**
Implementation science capacity building through a national Scholars Program for researchers and practitioners in cancer prevention and control

Daniela B. Friedman, PhD¹, Cam Escoffery, PhD, MPH, CHES², Jennifer Leeman, DrPH, MDiv³, Cynthia A. Thomson, PhD, RD⁴, Elaine Morrato, DrPH, MPH, CPH⁵, Swann Arp Adams, PhD, MS, FACE⁶, Samuel B. Noblet, MPH⁷, Kimberly J. Flicker, MS, MBA¹, Courtney Petagna, MPH² and Stephanie Wheeler, PhD, MPH⁶

¹University of South Carolina, Columbia, SC, ²Rollins School of Public Health, Emory University, Atlanta, GA, ³School of Nursing, University of North Carolina, Chapel Hill, NC, ⁴University of Arizona, Mel and Enid Zuckerman College of Public Health, Tucson, AZ, ⁵Loyola University Chicago, Maywood, IL, ⁶University of North Carolina at Chapel Hill, Chapel Hill, NC

Session: Clinical Care Settings: Patient-Level Interventions

Implementation of centralized navigation for CRC screening

Connor Randolph, BA¹, Jennifer Leeman, DrPH, MDiv¹, Renée Ferrari, PhD, MPH¹, Alison Brenner, PhD, MPH¹, and Daniel Reuland, MD, MPH¹

¹University of North Carolina at Chapel Hill

Patient preferences for the design of a pharmacy-based colorectal cancer screening program

Alison Brenner, PhD, MPH¹, Mary Wangen, MPH¹, Renée Ferrari, PhD, MPH¹, Caroline Luther¹, Daniel Reuland, MD, MPH¹, Catherine Rohweder, DrPH¹, Parth Shah, PharmD, PhD², Benjamin Urick, PharmD, PhD¹, and Stephanie Wheeler, PhD, MPH¹

¹University of North Carolina at Chapel Hill, ²Fred Hutchinson Cancer Research Center

Unpacking patient preferences for follow-up care in a pharmacy-based colorectal cancer screening program

Mary Wangen, MPH¹, Catherine Rohweder, DrPH¹, Parth Shah, PharmD, PhD², Benjamin Urick, PharmD, PhD¹, Stephanie Wheeler, PhD, MPH¹, Renée Ferrari, PhD, MPH¹, Caroline Luther¹, and Alison Brenner, PhD, MPH¹

¹University of North Carolina at Chapel Hill, ²Fred Hutchinson Cancer Research Center

Using intervention mapping to develop a patient-level intervention for cascade screening for Lynch Syndrome

Megan Roberts, PhD¹, Lauren Passero¹, Jennifer Leeman, DrPH, MDiv¹, Heather Hampel², Alanna Rahm³, Daniel Reuland, MD, MPH¹, Jonathan Berg, MD, PhD¹, Maria Fernandez, PhD⁴, and Swetha Srinivasan¹

¹University of North Carolina at Chapel Hill, ²The Ohio State University Comprehensive Cancer Center, ³Geisinger, ⁴University of Texas Health Science Center at Houston School of Public Health

Session: Clinical Care Settings: System-Level Interventions
Barriers to conducting primary care practice-based research during COVID-19: A qualitative study of practice coaches from the stop unhealthy (STUN) alcohol use now trial

Sean Riley, MSc, MA1, Casey Balio, PhD2, Debbie Grammer, MPH1, Colleen Barclay, MPH1, Chris Weathington, MHA3 and Daniel Jonas, MD, MPH1

(1)The Ohio State University Wexner Medical Center, Columbus, OH, (2)University of North Carolina at Chapel Hill, Chapel Hill, NC, (3)University of North Carolina, Chapel Hill

De-implementing low-value care in cancer care delivery: A systematic review

Amir Alishahi Tabriz, MD, PhD, MPH1,2, Kea Turner, PhD, MPH, MA1,2, Alecia Clary, PhD, MSW3, Young-Rock Hong, PhD4, Oliver Nguyen4,5, Grace Wei, MS, MPH1, Rebecca Carlson, MLS6, and Sarah Birken, PhD7

(1)University of South Florida Morsani College of Medicine, (2)Moffitt Cancer Center, (3)The Reagan-Udall Foundation for the FDA, (4)University of Florida, (5)University of Alabama at Birmingham, (6)University of North Carolina at Chapel Hill, (7)Wake Forest School of Medicine

Implementing a clinic-wide intervention in primary care via the electronic health record: Unmet training needs of the primary care team and rollout team

Angela Stover, PhD1, Rachel Kurtzman, MSPH1, Angela Smith, MD, MSPH1, and Arlene Chung, MD, MHA, MMC7

(1) University of North Carolina at Chapel Hill, Chapel Hill, NC

Measuring factors associated with implementing the prenatal oral health guidelines in clinical practice

Cheryl Vamos, PhD, MPH1, Stacey Griner, PhD, MPH1, Helen Mahony, PhD, MPH, MPH, CPH2, Morgan Richardson Cayama, MPH1, Rocío Quinonez, DMD, MS, MPH1, Kim Boggess, MD1, Laura Damschroder, MS, MPH1, Jason Beckstead, PhD1 and Ellen Daley, PhD1

(1) University of South Florida, College of Public Health, Tampa, FL, (2) University of North Texas Health Science Center, Fort Worth, TX, (3) University of South Florida College of Public Health, Tampa, FL, (4) University of North Carolina - Chapel Hill, Chapel Hill, NC, (5) Implementation Pathways, LLC, Ann Arbor, MI

Organizational readiness and subsequent implementation of a family caregiver skills training program in an embedded research environment

Teri Malo, PhD1, Kasey Decosimo, MPH1, Matthew Tucker, BA1, Caitlin Sullivan, MS2, Jaime Hughes, PhD, MPH, MSW1,3, Leah Zullig, PhD1,4, Leah Christensen, LCSW5, Colleen Richardson, Psy.D5, Janet Grubber, MSPH6, Cynthia Coffman, PhD4,7, Nina Sperber, PhD1,8, Virginia Wang, PhD4,9, Kelli Allen, PhD10,11, Susan Hastings, MD, MHS12,13 and Courtney Van Houtven, PhD, MSc.1,3

(1)Durham VA Health Care System, Center of Innovation to Accelerate Discovery and Practice Transformation (ADAPT), Durham, NC, (2)Center of Innovation to Accelerate Discovery and Practice Transformation, Durham, NC, (3)Duke University School of Medicine, Department of Population Health Sciences, Durham, NC, (4) Duke University, Durham, NC, (5)Veterans Health Administration, VA Central Office, Washington, DC, (6)Durham Veterans Affairs Health Care System, Durham, NC, (7)Durham Veterans Affairs Medical Center, HSR&D, Durham, NC, (8)Duke University School of Medicine, Department of Population Health Sciences, Durham, (9)Durham VA Health Care System, Durham, NC, (10)University of North Carolina - Chapel Hill, Chapel Hill, NC, (11)Durham VA Medical Center, Durham, NC, (12)Durham Center of Innovation to Accelerate Discovery and Practice Transformation, Durham Veterans Affairs Health Care System, Durham, NC, (13)Duke University School of Medicine, Durham, NC
Use of process mapping to inform the implementation of financial navigation in rural and non-rural oncology care settings

Caitlin Biddell, MSPH¹, Victoria Petermann, RN, BSN¹, Lisa Spees, PhD¹, Donald Rosenstein, MD¹, Michelle Manning, MPH¹, Mindy Gellin¹, Neda Padilla, BA¹, Sarah Birken, PhD, MSPH², Cleo Samuel-Ryals, PhD¹, Katherine Reeder-Hayes, MD, MBA¹, Kendrel Cabarrus¹, and Stephanie Wheeler, PhD, MPH¹

(1) University of North Carolina at Chapel Hill, (2) Wake Forest School of Medicine

Using the Organizational Readiness for Implementing Change scale and perceptions of barriers and facilitators to implementation success as tools for stakeholder engagement

Victoria Petermann, RN, BSN¹, Caitlin Biddell, MSPH¹, Lisa Spees, PhD¹, Donald Rosenstein, MD¹, Michelle Manning, MPH¹, Mindy Gellin¹, Neda Padilla, BA¹, Sarah Birken, PhD, MSPH², Cleo Samuel-Ryals, PhD¹, Katherine Reeder-Hayes, MD, MBA¹, Kendrel Cabarrus¹, and Stephanie Wheeler, PhD, MPH¹

(1) University of North Carolina at Chapel Hill, (2) Wake Forest School of Medicine

Session: Models, Measures, and Methods

Development of a framework for organization theory for implementation science (OTIS)

Sarah Birken, PhD, MSPH¹, Jennifer Leeman, DrPH, MDiv², Linda Ko, PhD, MPH³, Maria Fernandez, PhD⁴, Mary Wangen, MPH², Hannah Arem, PhD, MPH⁵, Terry Huang, PhD, MPH, MBA⁶, Michelle Kegler, DrPH, MPH⁷, Per Nilsen, PhD⁸, Prajakta Adsul, PhD, MPH, MBBS⁹, and Matthew Lee, DrPH, MPH¹⁰

(1) Wake Forest School of Medicine, (2) University of North Carolina at Chapel Hill, (3) University of Washington, (4) University of Texas Health Science Center at Houston School of Public Health, (5) MedStar Health Research Institute, (6) The City University of New York, (7) Emory University, (8) Linkoping University, (9) University of New Mexico, (10) New York University Grossman School of Medicine

Multiple methods for estimating resources utilized during intervention implementation: Example of a colorectal cancer screening outreach program

Karl Johnson¹, Meghan O’Leary, MA¹, Daniel Reuland, MD, MPH¹, Kristen Hassmiller Lich, PhD¹, Stephanie Wheeler, PhD, MPH¹, Alison Brenner, PhD, MPH¹, and Alexis Moore, MPH¹

(1) University of North Carolina at Chapel Hill

Session: Prevention and Public Health

Using Plan-Do-Study-Act cycles to refine a mailed colorectal cancer screening outreach program

Alison Brenner, PhD, MPH¹, Sara Correa, MPH¹, Connor Randolph, BA¹, Alexis Moore, MPH¹, Teri Malo, PhD, MPH², Renée Ferrari, PhD, MPH¹, and Daniel Reuland, MD, MPH¹

(1) University of North Carolina at Chapel Hill, (2) Durham VA Health Care System, Center of Innovation to Accelerate Discovery and Practice Transformation (ADAPT)

Session: Promoting Health Equity and Eliminating Disparities
The application of implementation science methods in correctional health intervention research: A systematic review

Tonya Van Deinse, PhD¹, Brittany Rudd, PhD², Melissa Zielinski, PhD³, Stephanie Holliday, PhD⁴, and Erika Crable, PhD, MPH⁵, La Jolla, CA⁵

(1) University of North Carolina at Chapel Hill, Chapel Hill, NC, (2) University of Illinois at Chicago, (3) University of Arkansas, (4) RAND Corporation, (5) University of California, San Diego