

WEDNESDAY, DECEMBER 4TH

2:30 pm-4:00 pm

Salon B

- Coincidence Analysis (CNA)
 - Speakers: Sarah Birken, University of North Carolina at Chapel Hill

Workshop

- Laura Damschroder, Center for Clinical Management Research, VA Ann Arbor Healthcare System Edward Miech, VA PRIS-M QUERI
 - Deborah Cragun, University of South Florida

Learning Objectives:

- 1. To describe how the CNA approach is specifically designed to analyze complex causality and what CNA offers to the broader policy/research in implementation science.
- 2. To engage participants (individually or in groups) using hands-on exercises with basic data in an exploration of the analytical potential of CNA method.
- 3. To illustrate how to conduct CNA with worked examples from three projects.
- 4. To provide resources to investigators for using the CNA or other configurational comparative methods of analyzing causal complexity.

Description: This workshop will introduce Coincidence Analysis (CNA), a new member within the family of Configurational Comparative Methods (which also includes Qualitative Comparative Analysis). CNA is specifically designed to analyze causal complexity, which is common in implementation research. Presenters will discuss the types of studies for which CNA is useful, provide worked examples of applying CNA to datasets, and share practical resources for using CNA. Participants will learn how CNA works through hands-on exercises involving Boolean algebra, the bottom-up algorithm used by CNA and model performance measures like coverage. No prior knowledge or experience with configurational methods is required.

4:30 pm-6:00 pm

Salon D/E Poster Slam Session Chair: Lisa Simpson, AcademyHealth Poster Symposium A. Adaptation of evidence-based interventions and implementation strategies: An intervention mapping approach for optimizing impact

> Maria Fernandez, PhD¹, Cam Escoffery, PhD², Maya Foster, M.P.H.³, Laura Savas, PhD³ and Patricia Dolan Mullen, DrPH, MLS³, (1)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX, (2)Behavioral Sciences and Health Education, Emory University, Atlanta, GA, (3)University of Texas Health Science Center at Houston. Houston. TX

Strategically Employing Patient Navigation to Reduce Colorectal Cancer Screening Disparities Rosslyn Chairs: Peggy Hannon, University of Washington

Panels

Amy DeGroff, Centers for Disease Control and Prevention

This panel applies the RE-AIM framework to patient navigation for colorectal cancer screening. Each of the three presentations addresses patient populations at-risk for screening disparities. Two presentations describe research in the Colorectal Cancer Control Program (CRCCP), a national screening program in 30 states serving low-income and un/underinsured adults. The third presentation describes research in a large health care system and a community health center. We will discuss issues related to reach, effectiveness, adoption, and implementation of patient navigation in these settings. Our research has implications for strategic implementation of patient navigation to reduce colorectal cancer screening disparities.

A. Patient navigators and their activities in the colorectal cancer control program (CRCCP): A national survey Wendy Barrington, PhD, MPH¹, Thuy Vu, MPH², Amy DeGroff, PhD, MPH³, Stephanie Melillo, MPH⁴, Allison Cole, MD, MPH⁵, Cam Escoffery, PhD⁶, Natoshia Askelson, MPH, PhD⁷, Laura Seegmiller, MPH⁸, Sarah Koopman Gonzalez, PhD⁹ and Peggy Hannon, PhD MPH², (1)Psychosocial & Community Health, University of Washington, Seattle, WA, (2)Health Services, University of Washington, Seattle, WA, (3)Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, GA, (4)Centers for Disease Control and Prevention, Atlanta, GA, (5)Family Medicine, University of Washington, Seattle, WA, (6)Behavioral Sciences and Health Education, Emory University, Atlanta, GA, (7)University of Iowa College of Public Health, Iowa City, IA, (8)University of Iowa, Iowa City, IA, (9)Case Western Reserve University, Cleveland, OH



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4:30 pm-6:00 pm (continued)

- B. Implementing and adapting a promising patient navigation intervention to increase colonoscopy completion Allison Cole, MD, MPH¹, Thuy Vu, MPH², Marlana Kohn, MPH², Gloria Coronado, PhD³, Amy DeGroff, PhD, MPH⁴, Dara Schlueter, MPH⁵ and Peggy Hannon, PhD MPH², (1)Family Medicine, University of Washington, Seattle, WA, (2)Health Services, University of Washington, Seattle, WA, (3)Kaiser Permanente Center For Health Research, Portland, OR, (4)Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, GA, (5)Atlanta, GA
- C. Patient randomized trial of a targeted navigation program to improve rates of colonscopy after positive FIT in community health centers.
 Gloria Coronado, PhD¹, Eric Johnson, PhD², Michael Leo, PhD¹, Jennifer Schneider, MS¹, David Smith, RPh¹, Amanda Petrik, MS¹, Jamie Thompson, MPH¹ and Ricardo Jimenez, MD³, (1)Kaiser Permanente Center For Health Research, Portland, OR, (2)Northwest Permanente, Portland, OR, (3)SeaMar Community Health Centers, Seattle, WA
- Salon C The Role of Stakeholder Engagement in Guiding Community and Population-Level Interventions Chair: Jesse Nodora, University of California, San Diego

Chair: Jesse Nodora, University of California, San Diego Active stakeholder engagement is required to truly understand the acceptability, appropriateness, and feasibility of an intervention for a given organization, community, or population. Dissemination and implementation science models and frameworks propose specific measures to capture stakeholder perspectives as well as internal and external contextual influences. This session will describe various approaches for stakeholder engagement at individual and organization levels.

A. <u>How well are we doing? Stakeholder perspectives on implementing evidence-based interventions to increase</u> colorectal cancer screening

Lauren Workman, PhD, MPH¹, **Heather Brandt, PhD¹**, **Hiluv Johnson, LMSW¹**, Elijah Christian, MPH¹ and Dave Murday², (1) University of South Carolina, Columbia, SC, (2)Arnold School of Public Health, University of South Carolina, Columbia, SC

B. Understanding multilevel barriers and facilitators of cascade screening for lynch syndrome Megan Roberts, PhD, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Chapel Hill, NC, Swetha Srinivasan, University of North Carolina at Chapel Hill, Chapel Hill, NC, Alanna Kulchak Rahm, PhD, MS, LGC, Genomic Medicine, Geisinger, Danville, PA, Heather Hampel, Ohio State Wexner Medical Center, Columbus, OH, Daniel Reuland, MD, MPH, The University of North Carolina School of Medicine, Chapel Hill, NC, Amit Patel, Medical Marketing Economics, LLC, Oxford, MS and Jennifer Leeman, DrPH, School of Nursing, University of North Carolina, Chapel Hill, NC

6:15 pm-7:45 pm Poster Session Arlington Ballroom

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

Assessing adaptations to Medicaid/Medicare health-plan-initiated mailed FIT outreach programs (A-11) Gloria Coronado, PhD¹, Jennifer Schneider, MS¹, Malaika Schwarz, MPH², Beverly Green, MD, MPH³ and Laura-Mae Baldwin, MD, MPH⁴, (1)Kaiser Permanente Center For Health Research, Portland, OR, (2)University of Washington, Seattle, WA, (3)Kaiser Permanente Washington Health Research Institute, Seattle, WA, (4)University of Washington School of Medicine, Seattle, WA

Understanding quality improvement collaboratives through an implementation science lens (A-39)

Catherine Rohweder, DrPH¹, Mary Wangen, MPH¹, Molly Black², Heather Dolinger³, Martha Wolf, RN, MPH⁴, Carey O'Reilly, RD, LDN⁴, **Heather Brandt, PhD**⁵ and **Jennifer Leeman, DrPH**⁶, (1)University of North Carolina, Chapel Hill, NC, (2)American Cancer Society, Inc, Atlanta, GA, (3)American Cancer Society, Inc, Raleigh, NC, (4)North Carolina Community Health Center Association, Raleigh, NC, (5)University of South Carolina, Columbia, SC, (6)School of Nursing, University of North Carolina, Chapel Hill, NC

Environmental scan of D&I resources, training, and scientific activities provided through CTSA programs nationally: Opportunities to advance D&I research and training capacity (A-41)

Rachel Shelton, ScD, MPH, Columbia University Mailman School of Public Health, New York, NY, Rowena Dolor, MD, MHS, Duke University, Duke Clinical & Translational Science Institute, Durham, NC and Laura-Mae Baldwin, University of Washington, Seattle, WA



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6:15 pm-7:45 pm (continued)

Poster Session

Arlington Ballroom

Track: Clinical Care Settings: Patient-Level Interventions

Follow-up colonoscopy after FIT+: A retrospective look at current processes at a single community health center to inform development of an effective patient navigation protocol (A-54)

Kim Bird, MSc¹, Renee Ferrari, PhD¹, **Alison Brenner**, **PhD**, **MPH**^{1,2,3}, **Teri Malo**, **PhD**, **MPH**⁴, Cory Erhard⁵, Claudia Richardson, MD, MPH⁵ and **Daniel Reuland, MD**, **MPH**^{1,2}, (1)University of North Carolina at Chapel Hill, NC, (2)The University of North Carolina School of Medicine, Chapel Hill, NC, (3)University of North Carolina School of Medicine, Chapel Hill, NC, (4)The University of North Carolina at Chapel Hill, Chapel Hill, NC, (5)Roanoke Chowan Community Health Center, Ahoskie, NC

Proactive outreach for colorectal cancer screening using mailed fecal immunochemical test kits: A quality improvement program in one academic internal medicine practice (A-56)

Alison Brenner, PhD, MPH^{1,2,3}, **Teri Malo, PhD, MPH**⁴, Christina McMillan, BA⁵, Shana Ratner, MD^{2,3} and **Daniel Reuland, MD, MPH**^{1,2}, (1)The University of North Carolina School of Medicine, Chapel Hill, NC, (2)University of North Carolina at Chapel Hill, Chapel Hill, NC, (3)University of North Carolina School of Medicine, Chapel Hill, NC, (4)The University of North Carolina at Chapel Hill, NC, (5)University of North Carolina, Chapel Hill, NC

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 (A-59)

Lisa DiMartino, PhD, MPH¹, Nirmish Shah, MD², Hayden Bosworth, Ph.D.^{2,3}, **Maria Fernandez, PhD**⁴, Victor Gordeuk, MD⁵, Richard Lottenberg, MD⁶, Abdullah Kutlar, MD⁷, **Cathy Melvin, PhD, MPH**⁸, Jena Simon, APRN MS-HCDL⁹, Marsha Treadwell, PhD¹⁰, Cecelia Calhoun, MD MPHS¹¹, Ana Baumann, PhD¹², Michael Potter¹³, Lisa Klesges, PhD, MS¹⁴, Ward Hagar, MD¹⁰, Sara Jacobs, PhD¹⁵, Andrea Lamont, PhD¹⁶ and Jane Hankins, MD, MS¹⁷, (1)Social and Health Organizational Research and Evaluation Program, Research Triangle Institute, Research Triangle Park, NC, (2)Duke University, Durham, NC, (3)Duke University School of Nursing, Durham, NC, (4)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX, (5)University of Illinois, Chicago, Chicago, IL, (6)University of Florida, Gainesville, FL, (7)Augusta University, Augusta, GA, (8)Medical University of South Carolina, Charleston, SC, (9)Mount Sinai School of Medicine, New York, NY, (10)UCSF Benioff Children's Hospital, Oakland, CA, (11)Washington University School of Medicine, St Louis, MO, (12)Washington University in St. Louis, St. Louis, MO, (13)UCSF, San Francisco, CA, (14)University of Memphis, Memphis, TN, (15)RTI International, Highland Park, IL, (16)University of South Carolina, Columbia, SC, (17)Dept. of Hematology, St. Jude Children's Research Hospital, Memphis, TN

Developing a centralized FIT+ to follow-up colonoscopy patient navigation program: Lessons learned (A-62)

Renée Ferrari, PhD, MPH¹, Kim Bird, MSc, HT(ASCP)¹, **Teri Malo, PhD**, **MPH**¹, Sara Rubio Correa¹, Alexis Moore, MPH¹, **Alison Brenner, PhD, MPH**^{2,3,4}, Seth Crockett, MD, MPH², Kylee Diaz, BS, CCRP⁵, Michael Newcomer, MD⁵, William Leland, MD⁶, Weyling White, MBA, CAPPM⁷, Denita Eley⁷, Cory Erhard⁷, Claudia Richardson, MD, MPH⁷ and **Daniel Reuland, MD**, **MPH**², (1)The University of North Carolina at Chapel Hill, Chapel Hill, NC, (2)The University of North Carolina School of Medicine, Chapel Hill, NC, (3)University of North Carolina at Chapel Hill, Chapel Hill, Chapel Hill, NC, (4)University of North Carolina School of Medicine, Chapel Hill, NC, (5)Digestive Health Partners, Asheville, NC, (6)Vidant Gastroenterology - Greenville, Greenville, NC, (7)Roanoke Chowan Community Health Center, Ahoskie, NC

Implementation of a centralized colorectal cancer screening outreach program: Findings from a pilot study (A-80)

Teri Malo, PhD, MPH¹, Sara Rubio Correa¹, Alexis Moore, MPH¹, **Alison Brenner, PhD, MPH**^{2,3,4}, Renée Ferrari, PhD, MPH³, Kim Bird, MSc³, Cory Erhard⁵, Claudia Richardson, MD, MPH⁵, Regina Jacobs, MLT/ASCP⁵, Shana Ratner, MD^{3,4}, Leah Frerichs, PhD³ and **Daniel Reuland, MD, MPH**^{2,3}, (1)The University of North Carolina at Chapel Hill, NC, (2)The University of North Carolina School of Medicine, Chapel Hill, NC, (3)University of North Carolina at Chapel Hill, Chapel Hill, NC, (4)University of North Carolina School of Medicine, Chapel Hill, NC, (5)Roanoke Chowan Community Health Center, Ahoskie, NC

Using electronic health record data to inform a patient navigation study to address low rates of follow-up colonoscopy (A-89) Amanda Petrik, MS¹, Alexandra Kihn-Stang, MScN¹, Jamie Thompson, MPH¹, Matthew Slaughter, MS², Hanna Dinh, MHA³, Michael Kwon³ and **Gloria Coronado**, **PhD¹**, (1)Kaiser Permanente Center For Health Research, Portland, OR, (2)Kaiser Permanente Center For Health Reserach, Portland, OR, (3)Sea Mar Community Health Centers, Seattle, WA



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6:15 pm-7:45 pm (continued)

Poster Session

Arlington Ballroom

Track: Clinical Care Settings: Systems-Level Interventions

Adoption and implementation of shared decision making for lung cancer screening (A-110)

Amir Alishahi Tabriz, MD, PhD, MPH¹, Christine Neslund- Dudas, PhD², Mrs. Kea Turner, PhD^{3,4}, M Patricia Rivera, MD^{5,6}, **Daniel S Reuland, MD^{5,6}** and Jennifer Elston Lafata, PhD^{1,6}, (1)UNC Eshelman School of Pharmacy, Chapel Hill, NC, (2)Henry Ford Health System, Detroit, MI, (3)University of South Florida College of Medicine, tampa, FL, (4)Moffitt Cancer Center, tampa, FL, (5)University of North Carolina School of Medicine, Chapel Hill, NC, (6)UNC Lineberger Comprehensive Cancer Center, Chapel Hill, NC

What is full capacity protocol, and how is it implemented successfully? (A-111)

Amir Alishahi Tabriz, MD, PhD, MPH¹, **Sarah A. Birken, PhD**², Christopher M. Shea, PhD, MPA², Bruce J. Fried, PhD² and Peter Viccellio, MD³, (1)UNC Eshelman School of Pharmacy, Chapel Hill, NC, (2)University of North Carolina at Chapel Hill, Chapel Hill, NC, (3)Stony Brook University, Stony brook, NY

Implementation of interprofessional bedside rounding models with hospitalized patients: A scoping review of quantitative and qualitative evidence (A-117)

Erin Blakeney, PhD, RN¹, Frances Chu, RN², Andrew White, MD³, Danielle Lavallee, PharmD, PhD¹, Elizabeth (Ibby) Tanner, PhD, RN⁴, Nicole Summerside, MHA⁵, Kyla Woodward, RN², Deborah Dang⁶ and **Dr. Bryan Weiner, PhD**⁷, (1)University of Washington, Seattle, WA, (2)University of Washington School of Nursing, Seattle, WA, (3)University of Washington School of Nursing, Seattle, WA, (4)Johns Hopkins University, Baltimore, MD, (5)University of Washington, School of Nursing, Seattle, WA, (6)Johns Hopkins Hospital, Baltimore, MD, (7)Department of Health Services, University of Washington School of Public Health, Seattle, WA

Implementing pharmacy-located HPV vaccination: Findings from pilot projects in five states (A-121)

William Calo, PhD, Penn State College of Medicine, Hershey, PA, Parth Shah, PharmD, PhD, Fred Hutchinson Cancer Research Center, Seattle, WA, Melissa Gilkey, PhD, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC, **Robin Vanderpool, DrPH**, University of Kentucky, Lexington, KY, Sarah Barden, PharmD, Michigan Pharmacists Association, Lansing, MI, **William Doucette**, **PhD**, University of Iowa, Iowa City, IA and **Noel T**. **Brewer, PhD**, Department of Health Behavior, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC

Hearthome: Adapting home-based cardiac rehabilitation to increase access and reach for rural and underserved populations (A-146)

Cheryl Jones, PhD, RN FAAN, University of North Carolina, Chapel Hill, Chapel Hill, NC, Sidney Smith, UNC-Chapel Hill, Chapel Hill, NC, Mark Toles, Ph.D., University of North Carolina at Chapel Hill, Chapel Hill, NC, **Wangen Mary**, UNC-Chapel Hill, Chapel Hill, NC, Alberta Tran, RN BSN CCRN, University of North Carolina, Chapel Hill, NC, Meriel McCollum, RN, BSN, University of North Carolina, Chapel Hill, NC, Meriel Mill, Chapel Hill, NC and **Jennifer Leeman**, **DrPH**, School of Nursing, University of North Carolina, Chapel Hill, NC

What it takes to scale-up a complex intervention: Findings from a pilot study of a transitional care intervention (A-151) Jennifer Leeman, DrPH, School of Nursing, University of North Carolina, Chapel Hill, NC and Mark Toles, Ph.D., University of North Carolina at Chapel Hill, Chapel Hill, NC

Implementing pharmacist-led medication interventions in outpatient oncology: A systematic review of barriers, facilitators, and costs (A-160)

Dr. Cara McDermott, Ph.D, PharmD¹, J. Randall Curtis, MD, MPH¹, Ruth Engelberg, PhD¹, Cossette Woo, MSW¹ and Dr. Bryan Weiner, PhD², (1)University of Washington, Seattle, WA, (2)Departments of Global Health & Health Sciences, University of Washington, Seattle, WA

De-implementing long-term opioid therapy for chronic pain: The 'go to zero' patient (A-168)

Michael Parchman, MD, MPH, Kaiser Permanente Washington Health Research Institute, Seattle, WA, Jennifer Rolfes, University of Washington, Seattle, WA, Brooke Ike, MPH, Department of Family Medicine, University of Washington Department of Family Medicine, Seattle, WA, Kelly Ehrlich, Kaiser Permanente of Washington Health Research Institute, Seattle, WA and Laura-Mae Baldwin, MD, MPH, University of Washington School of Medicine, Seattle, WA



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6:15 pm-7:45 pm (continued)

Poster Session

Arlington Ballroom

Track: Clinical Care Settings: Systems-Level Interventions (continued)

Integrating evidence-based interventions for colorectal cancer screening into clinic practices (A-181) Dara Schlueter, MPH¹, **Amy DeGroff, PhD, MPH**², Cindy Soloe, MPH³, **Stephanie Melillo, MPH**⁴, Laura Arena, MPH³, **Florence Tangka, PhD**⁴, Sonja Hoover, MPP⁵ and Sujha Subramanian, PhD³, (1)Atlanta, GA, (2)Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, GA, (3)RTI International, Waltham, MA, (4)Centers for Disease Control and Prevention, Atlanta, GA, (5)Social Policy, Health and Economics Research, RTI International, North Waltham, MA

A-184 Baseline findings from a multi-site, mixed methods study of primary care practices implementing the six building blocks for improving opioid management self-service toolkit (A-184)

Leigh Evans, PhD¹, Sarah J. Shoemaker-Hunt, PhD, PharmD¹, Holly Swan, PhD¹, Michael Parchman, MD, MPH², **Laura-Mae Baldwin, MD**³, Brooke Ike, MPH⁴ and Olivia Bacon¹, (1)Abt Associates, Cambridge, MA, (2)Kaiser Permanente Washington Health Research Institute, Seattle, WA, (3)University of Washington, Seattle, WA, (4)Department of Family Medicine, University of Washington Department of Family Medicine, Seattle, WA

Advancing implementation research within the consortium model: An emerging model from the improving the management of symptoms during and following cancer treatment (IMPACT) consortium (A-187)

J.D. Smith, Ph.D.¹, Lisa DiMartino, PhD, MPH², Don Dizon, MD, FACP, FASCO³, Raymond Osarogiagbon, MBBS, FACP⁴, Wynne Norton, Ph.D.⁵, Lila Finney Rutten, MPH, PhD⁶, Joan Griffin, Ph.D.⁷, Aaron Leppin, MD, MSc⁶, Sandra Mitchell, Ph.D.⁸, Frank Penedo, Ph.D.⁹ and **Dr. Bryan Weiner, PhD¹⁰**, (1)Psychiatry and Behavioral Sciences and Preventive Medicine, Northwestern University, Feinberg School of Medicine, Chicago, IL, (2)Social and Health Organizational Research and Evaluation Program, Research Triangle Institute, Research Triangle Park, NC, (3)Brown University, Providence, RI, (4)Baptist Centers for Cancer Care, Memphis, TN, (5)National Cancer Institute, Bethesda, MD, (6)Mayo Clinic, Rochester, MN, (7)Mayo Clinic College of Medicine, Rochester, MN, (8)National Cancer Institute, Rockville, MD, (9)University of Miami, Coral Gables, FL, (10)University of Washington School of Public Health, Seattle, WA

Track: Health Policy Dissemination and Implementation Science

Advancing the science and effectiveness of post-marketing drug safety policy: An assessment of FDA risk evaluation and mitigation strategies (REMS) with ETASU (2014-2018) using RE-AIM, PRECEDE-PROCEED, and CFIR (A-206) Linda Huynh, MSPH^{1,2,3}, Gita Toyserkani, PharmD, MBA¹ and **Elaine Morrato**, **DrPH**, **MPH**, **CPH**⁴, (1)Silver Spring, MD, (2)Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, (3)Johns, Silver Spring, MD, (4)University of Colorado Anschutz Medical Campus, Aurora, CO

THURSDAY, DECEMBER 5TH

8:00 am-9:30 am	Poster Session	Arlington Ballroom

Track: Behavioral Health

Assessing adaptations to Medicaid/Medicare health-plan-initiated mailed FIT outreach programs (A-11)

Gloria Coronado, PhD¹, Jennifer Schneider, MS¹, Malaika Schwarz, MPH², **Beverly Green, MD**, MPH³ and **Laura-Mae Baldwin, MD, MPH**⁴, (1)Kaiser Permanente Center For Health Research, Portland, OR, (2)University of Washington, Seattle, WA, (3)Kaiser Permanente Washington Health Research Institute, Seattle, WA, (4)University of Washington School of Medicine, Seattle, WA

Using patient perspectives to inform the tailoring of a practice facilitation intervention to improve provision of alcohol-related care in VA hepatology clinics (B-20)

Madeline Frost, MPH^{1,2}, Olivia Fletcher, MSc², George Ioannou, MD, MS^{2,3}, Judith Tsui, MD, MPH³, E. Jennifer Edelman, MD, MHS⁴, **Dr. Bryan Weiner, PhD**^{1,5}, Amy Edmonds, BA, BS^{1,2} and Emily Williams, PhD, MPH^{1,2}, (1) Department of Health Services, University of Washington School of Public Health, Seattle, WA, (2)Health Services Research and Development (HSR&D), Veterans Affairs (VA) Puget Sound Health Care System, Seattle, WA, (3)Department of Medicine, University of Washington, Seattle, WA, (4)Yale University School of Medicine and Public Health, New Haven, CT, (5)University of Washington School of Public Health, Seattle, WA



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Poster Session

Arlington Ballroom

Track: Behavioral Health (continued)

<u>Using intervention mapping to plan for implementation of a behavior change intervention in physical therapy</u> (B-42) Anne Thackeray, PhD, PT¹, Thomas Hoogeboom, PhD, PT², Rachel Hess, MD¹, Molly Conroy, MD¹, Julie Fritz, PhD, PT¹, Maria Nijhuis-van der Sanden² and **Maria Fernandez**, PhD³, (1)University of Utah, Salt Lake City, UT, (2)Radboud university medical center, Nijmegen, Netherlands, (3)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX

Track: Global Dissemination and Implementation Science

Human papillomavirus school-entry vaccination mandate in Puerto Rico: Barriers and facilitators from the perspective of key informants (B-59)

Vivian Colon-Lopez^{1,2}, Roxana Soto-Abreu¹, Manuel Rivera¹, Vilnery Rivera-Figueroa¹, Glizette Arroyo-Morales¹, Diana Medina-Laabes¹, **Maria Fernandez, PhD**³ and Pamela Hull, PhD⁴, (1)University of Puerto Rico Cancer Center, San Juan, PR, (2)University of Puerto Rico, Medical Sciences Campus, San Juan, PR, (3)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX, (4)Vanderbilt University Medical Center, Nashville, TN

Track: Models, Measures, and Methods

Advancing the understanding of sustainment of evidence-based practices (B-85)

Sarah Birken, PhD¹, Burcu Bozkurt¹, **David Chambers, D.Phil**.², Alicia Bunger, PhD, MSW³ and Per Nilsen, PhD⁴, (1)University of North Carolina at Chapel Hill, Chapel Hill, NC, (2)National Cancer Institute, Rockville, MD, (3)College of Social Work, Ohio State University, Columbus, OH, (4)Linkoping University, Linkoping, Sweden

Combined use of the consolidated framework for implementation research and the theoretical domains framework to understand multilevel determinants of low-value healthcare practice de-implementation (B-86)

Sarah Birken, PhD¹, Sarah Asad, MSc², Emily Haines, BA², Soo Hwang, MPH, CHES², Lisa Spees, PhD², Danil V. Makarov, MD, MHS³, Dr. Matthew Nielsen, MD, MS, FACS⁴, Per Nilsen, PhD⁵, Alexis Kirk, PhD, MSPH², Margit Neher, Reg OT, PhD⁵, Henna Hasson, PhD⁶, Hanna Augustsson, PhD⁷, Ulrica von Thiele Schwarz, PhD^{7,8} and Christian D. Helfrich, MPH, PhD⁹, (1)Gillings School of Global Public Health, Chapel Hill, NC, (2)University of North Carolina at Chapel Hill, Chapel Hill, NC, (3)NYU Langone Health, Brooklyn, NY, (4)University of North Carolina-Chapel Hill, Chapel Hill, NC, (5)Linkoping University, Linkoping, Sweden, (6)Karolinska Institute, Stockholm, Sweden, (7)Karolinska Institutet, Solna, Sweden, (8)Mälardalen University, Solna, Sweden, (9)Seattle, WA

Variation in implementation strategies employed by practice facilitators in the healthy hearts northwest study (B-89)

Allison Cole, MD, MPH, Family Medicine, University of Washington, Seattle, WA, Laura-Mae Baldwin, MD, MPH, University of Washington School of Medicine, Seattle, WA, Gina Keppel, University of Washington Institute of Translational Health Sciences, Seattle, WA and Michael Parchman, MD, MPH, Kaiser Permanente Washington Health Research Institute, Seattle, WA

Implementation mapping: Using theory and evidence to select or develop implementation strategies (B-97)

Maria Fernandez, PhD¹, Gill ten Hoor², Sanne van Lieshout³, Serena A. Rodriguez⁴, Rinad S. Bedias⁵, Guy Parcel⁶, Robert A.C. Ruiter², Christine Markham, PhD⁷ and Gerjo Kok², (1)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX, (2)Maastricht University, Maastricht, Netherlands, (3)University of Amsterdam, Amsterdam, Netherlands, (4)University of Texas Southwestern Medical Center, Dallas, TX, (5)University of Pennsylvania, Philadelphia, PA, (6)University of Texas Health Science Center at Houston, Houston, TX, (7)The University of Texas Health Science Center School of Public Health, Houston, TX

Adaptation of evidence-based interventions and implementation strategies: An intervention mapping approach for optimizing impact (B-98)

Maria Fernandez, PhD¹, **Cam Escoffery, PhD**², Maya Foster, M.P.H.³, Laura Savas, PhD³ and Patricia Dolan Mullen, DrPH, MLS³, (1)The University of Texas Health Science Center at Houston School of Public Health, Houston, TX, (2)Behavioral Sciences and Health Education, Emory University, Atlanta, GA, (3)University of Texas Health Science Center at Houston, TX



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8:00 am-9:30 am (continued)

Poster Session

Arlington Ballroom

Track: Prevention and Public Health

Micropolitan health: Contextual barriers and facilitators to implementing evidence-based public health interventions in midsize rural towns (B-138)

Nicole Novak, PhD, MSc¹, Barbara Baquero, MPH, PhD², Heidi Haines, MS³, Rebecca Bucklin, MPH¹, **Natoshia Askelson, MPH, PhD**¹, Lynelle Diers, RN, BSN, BSW⁴, **Rima Afifi, PhD, MPH**¹ and **Edith Parker, DrPH**¹, (1)University of Iowa College of Public Health, Iowa City, IA, (2)University of Washington, Health Promotion Research Center, Seattle, WA, (3)University of Iowa, Iowa City, IA, (4)Ottumwa, IA

Decision maker perspectives of factors relevant to the selection of evidence-based prevention programs: A qualitative study (B-142)

Ms. Gracelyn Cruden, PhD, Oregon Social Learning Center, Eugene, OR, **Kristen Hassmiller Lich, PhD**, University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Chapel Hill, NC, Byron Powell, PhD, LCSW, Washington University in St. Louis, St Louis, MO, Paul Lanier, PhD, MSW, University of North Carolina at Chapel Hill, Chapel Hill, NC, Leah Frerichs, PhD, University of North Carolina at Chapel Hill, Chapel Hill, NC and C. Hendricks Brown, PhD, Northwestern University Feinberg School of Medicine, Chicago, IL; Center for Prevention Implementation Methodology for Drug Abuse and HIV, Chicago, IL

Track: Promoting Health Equity and Eliminating Disparities

Understanding HPV vaccination disparities from state-level stakeholders (B-184)

Natoshia Askelson, MPH, PhD¹, Grace Ryan, MPH², Laura Seegmiller, MPH², Jackilen Shannon, PhD, RD³, Paige Farris, MSW³, Annie-Laurie McRee, DrPH⁴, Denyelle Kenyon⁵ and Jessica Hanson⁶, (1)University of Iowa College of Public Health, Iowa City, IA, (2)University of Iowa, Iowa City, IA, (3)Oregon Health & Science University, Portland, OR, (4)University of Minnesota Medical School, Minneapolis, MN, (5)University of South Dakota, Sioux Falls, SD, (6)University of Minnesota, Duluth, Duluth, MN

Two implementation strategies for a health plan-based mailed FIT colorectal cancer screening program: Influence on process and outcome (B-185)

Laura Mae Baldwin, MD, MPH¹, Imara West, MPH¹, Beverly B. Green, MD, MPH², Malaika Schwartz, MPH³, Amanda Petrik, MS⁴, William M. Vollmer, PhD⁴ and Gloria Coronado, PhD⁴, (1)University of Washington, Seattle, WA, (2)Kaiser Permanente Washington, Seattle, WA, (3)Family Medicine, University of Washington Shool of Medicine, Seattle, WA, (4)Kaiser Permanente Center For Health Research, Portland, OR

Transforming research findings into action: Building a strategy to decrease disparities in colorectal cancer screening at the local, regional, and state level (B-186)

Laura-Mae Baldwin, MD, MPH¹, Amanda Petrik, MS², Lauren Adams³, Gloria Coronado, PhD², Malaika Schwartz, MPH⁴ and Beverly Green, MD, MPH⁵, (1)University of Washington School of Medicine, Seattle, WA, (2)Kaiser Permanente Center For Health Research, Portland, OR, (3)AcademyHealth, Washington, DC, (4)Family Medicine, University of Washington Shool of Medicine, Seattle, WA, (5)Kaiser Permanente Washington, Seattle, WA

9:45 am-11:00 am

Salon F/G/H Advancing Intervention Implementation and Effectiveness Through Adaptation Chairs: Sarah Birken, University of North Carolina at Chapel Hill

Podium Presentations

Alexis Kirk, University of North Carolina at Chapel Hill

This session will feature research on adapting evidence-based practices and implementation strategies and the influence of adaptations on implementation and effectiveness. We will explore patterns in outcomes across key adaptation features, including the reason and goal for adaptation, whether adaptation was proactive or reactive, and whether adaptations preserved core functions. The session will promote knowledge of adaptation and its outcomes, putting this knowledge into practice, and laying the groundwork for future research on adaptation.

A. <u>The University of North Carolina's approach to advancing implementation science: The dissemination and implementation methods unit</u> Jennifer Leeman, DrPH, School of Nursing, University of North Carolina, Chapel Hill, NC, Catherine

Jenniter Leeman, DrPH, School of Nursing, University of North Carolina, Chapel Hill, NC, **Catherine Rohweder, DrPH**, University of North Carolina, Chapel Hill, NC, **Sarah Birken, PhD**, Gillings School of Global Public Health, Chapel Hill, NC and Christopher Shea, PhD, UNC Chapel Hill, Chapel Hill, NC



THURSDAY, DECEMBER 5TH

9:45 am-11:00 am (continued)

Implementation of Physical Activity Programs to Promote Health Equity Salon J

Chair: Belinda Sims, National Institute on Drug Abuse

Podium Presentations

Physical activity interventions can promote positive health outcomes but there are challenges in access, reach and uptake of programs, especially among health disparity populations. In this session, strategies for implementation of physical activity interventions targeting low resource schools, rural populations, and ethnic minority populations will be presented. Also, presentations will address issues such as social determinants of health, barriers to participation, and implementation supports.

A. Adapting, implementing, and evaluating an evidence-based community intervention to promote physical activity in a midsize rural town

Barbara Baguero, MPH, PhD¹, Rebecca Bucklin, MPH², Natoshia Askelson, MPH, PhD², Nicole Novak, PhD, MSc², Rima Afifi, PhD, MPH², Christine Kava, PhD³, Sandy Berto, RN⁴, Active Ottumwa Community Advisory Board (CAB)⁵ and Edith Parker, DrPH², (1)University of Washington, Health Promotion Research Center, Seattle, WA, (2)University of Iowa College of Public Health, Iowa City, IA, (3)Health Services, University of Washington, Health Promotion Research Center, Seattle, WA, (4)University of Iowa, Ottumwa, IA, (5)Active Ottumwa, Ottumwa, IA

1:30 pm-2:30 pm

Salon J

Implementing Evidence: PCORI's Dissemination and Implementation Program Discussants: Ethan Chiang, PCORI Joanna Siegel, PCORI

Discussion Forums

Jennifer Leeman. University of North Carolina

Meg Simione, Massachusetts General Hospital/Harvard Medical School

PCORI's Dissemination and Implementation (D&I) Program seeks to heighten awareness of PCORI-funded research and advance efforts to put these findings into practice to improve healthcare delivery and health outcomes. In this session, we will describe the types of D&I projects PCORI is funding through ongoing funding initiatives, highlighting principles from Implementation Science. A panel of current awardees will present their PCORI-funded D&I projects, including how they are addressing barriers to evidence uptake and integration into practice, as well as evaluating the successful execution of their implementation strategy and the impact of the implementation activities on healthcare and health outcomes.

2:45 pm-4:15 pm

Salon K Addressing Health Disparities Through Engaged Partnerships and the Application of Dissemination & Implementation Frameworks: Implementation Research in the CDC Prevention Research Center (PRC) Network

Chair: Brigette Ulin

Panels

This panel showcases four unique implementation studies from the CDC-funded Prevention Research Center Network focused on promoting health equity and eliminating disparities. The populations (behavior, settings) include African American men (HIV prevention, community-based organizations), rural African Americans (multi-component, public health and community clinics), South Asians (hypertension control, primary care practices), and African American and whites across South Carolina (physical activity and healthy eating, churches). Each presentation reports study outcomes and describes how a D&I framework guided the study and how clinical/community partners were engaged to ensure the evidence-based interventions were adapted to the local setting while maintaining implementation fidelity.

A. Developing a multi-component strategy to scale-up a community health worker intervention: Findings from a hybrid effectiveness-implementation study

Carmen Samuel-Hodge, PhD, RD¹, Jennifer Leeman, DrPH², Sallie Allgood, PhD, RN³ and Samuel Cykert, MD¹, (1)University of North Carolina, Chapel Hill, NC, (2)School of Nursing, University of North Carolina, Chapel Hill, NC, (3)Duke University, Durham, NC



THURSDAY, DECEMBER 5TH

2:45 pm-4:15 pm (continued)

Uncovering the Secret Sauce of Implementation with Innovative Analytic Methods Salon A Chairs: Aaron Leppin, Mayo Clinic

Podium Presentations

Sarah Birken, University of North Carolina at Chapel Hill

Calling all methodologists!! Advancing the science of implementation requires greater understanding of the strategies and factors that lead to success. Unfortunately, the complexity of real world settings makes it challenging to isolate effects with typical analytic methods. In this session, 4 investigators will demonstrate how innovative methods such as correlational and configurational analyses (first half) and latent class and profile analyses (second half) can be used to draw insights in the setting of complexity and advance the field of D&I. Come check it out!

- How variation in health system implementation affects the success of colorectal cancer screening outreach A. Amanda Petrik, MS¹, Edward Miech, EdD², Jennifer Coury, MALS³, Beverly Green, MD, MPH⁴, Laura-Mae Baldwin, MD, MPH⁵, Nicole Merrithew, MPH³, Kelly Coates, MPH³ and Gloria Coronado, PhD¹, (1)Kaiser Permanente Center For Health Research, Portland, OR, (2)Regenstrief Institute, Indianapolis, IN, (3)CareOregon, Portland, OR, (4)Kaiser Permanente Washington Health Research Institute, Seattle, WA, (5)University of Washington School of Medicine, Seattle, WA
- B. Exploring the heterogeneity of factors that may influence implementation of PrEP in family planning clinics: A latent profile analysis Kaitlin Piper, MPH¹, Regine Haardörfer, PhD², Cam Escoffery, PhD³, Anandi Sheth, MD⁴ and Jessica Sales, PhD², (1)Emory University, Rollins School of Public Health, Atlanta, GA, (2)Emory University, Atlanta, GA,

(3)Behavioral Sciences and Health Education, Emory University, Atlanta, GA, (4)Emory School of Medicine, Atlanta, GA

4:30 pm-6:00 pm

Salon C Scalability and Sustainability – Keys to Successful Dissemination and Implementation

Podium Presentations

Chair: Rachel Sturke, Fogarty International Center In the field of dissemination and implementation it is imperative that implementation of interventions not only delivers successful results, but that these results are also scalable and sustainable. A model integrating the three elements of results, scalability, and sustainability will prioritize the following: context-derived solutions, integration within host country systems and culture, and holistic implementation within existing resources, supervisory structures, and policies. This session will engage participants through three different presentations on successful scale-up and sustainability as well as discussion on the topic.

Organizational readiness to implement soil-transmitted helminth elimination programs; Results from a three-Α. country hybrid study

Arianna Means, MPH PhD¹, Marie-Claire Gwayi-Chore, MSc, MHS², Angel Titus³, Yesudoss Gnanapu³, Comlanvi Innocent Togbevi, MSc⁴, Félicien Chabi, MSc⁴, Euripide Avokpaho, MD, MSc⁴, Adrian JF Luty, PhD, MSc⁵, Moudachirou Ibikounlé, PhD⁶, Sitara Ajjampur, MD, PhD³, Dr. Bryan Weiner, PhD⁷, Judd Walson, MD, MPH² and Kumudha Aruldas, MD³, (1)Department of Global Health, University of Washington, Seattle, WA, (2)University of Washington, Seattle, WA, (3)Christian Medical College, Vellore, India, (4)Institut de Recherche Clinique du Bénin, Abomey-Calavi, Benin, (5)Université de Paris, Paris, France, (6)Université d'Abomey-Calavi, Cotonou, Benin, (7)Departments of Global Health & Health Sciences, University of Washington, Seattle, WA



8:00 am-9:30 a	ım		
Salon F/G/H	 Cost and Economic Aspects of Implementation Chairs: Michelle Moniz, Institute for Healthcare Policy and Innovation, University of Michigan Podium Presentations Lisa Saldana, Oregon Social Learning Center Studies examining the costs of implementation processes are vital for promoting efficient and effective implementation of evidence-based practices. This session will present studies of 1) the relative costs of two implementation bundles for a telemedicine intervention for veterans with post-traumatic stress disorder, 2) the cost and incremental cost effectiveness of various implementation-effectiveness trial and opportunities to reduce costs to maximize reach. The session will include a robust discussion of opportunities to promote economic analyses in implementation research and real-world implemented to increase colorectal cancer screening in eight cdc colorectal cancer control program awardees Florence Tangka, PhD, Centers for Disease Control and Prevention, Atlanta, GA, Sujha Subramanian, PhD, RTI International, Waltham, MA, Sonja Hoover, MPP, Social Policy, Health and Economics Research, RTI International, North Waltham, MA, Christen Lara, Colorado Department of Public Health & Environment, Denver, CO, Casey Eastman, MPH, Office of Health Communities, Washington State Department of Health, Olympia, WA, Becky Glaze, HealthPoint, Renton, WA, Mary Ellen Conn, MS, WVU Cancer Institute, West Virginia University, Morgantown, WV and Melissa Barajas, Neighborhood Healthcare, Escondido, CA		
Salon C	Novel Approaches in D&I Training Chairs: Anne Sales, University of Michigan Podium Presentations Sarah Bernal Possible Sand Comportunities for training in Dissemination and Implementation		
	Sciences. The sessions range from novel laboratories in multiple countries to in-depth focus on sustainability and facilitator resilience.		
	A. <u>I-corps@ncats: A novel designing-for-dissemination learning laboratory for clinical and translational researchers</u>		
	to increase intervention relevance and speed dissemination Kathryn Nearing, PhD, MA ^{1,2} , Julie Rainwater ³ , Elaine Morrato, DrPH ^{4,5} , Stacey Neves ³ , Pamela Bhatti, PhD, MSCR ⁶ , Nathaniel Hafer, PhD ⁷ , Suhrud Rajguru ⁸ , Bruce Conway ⁹ , Kevin Harter ¹⁰ and Molly Wasko ¹¹ , (1)University of Colorado Anschutz Medical Campus, Aurora, CO, (2)Aurora, CO, (3)University of California, Davis, Sacramento, CA, (4)Colorado Clinical and Translational Sciences Institute, Aurora, CO, (5)Colorado School of Public Health, University of Colorado Anschutz Medical Campus, Aurora, CO, (6)Georgia Institute of Technology, Aurora, CO, (7)UMMS, Marcater, MA, (9)University of Mierri, Marri, CO, (1)		

11:30 am-12:45 pm

Arlington	D&I Measures for Rapid, Relevant, and Rigorous Research
Ballroom	Chair: Gila Neta, National Cancer Institute Plenary Presentations
	Speakers: Maria Fernandez, The University of Texas Health Science Center at Houston School of Public Health
	Sara Landes, University of Arkansas for Medical Sciences
	Lisa Saldana, Oregon Social Learning Center
	Bryan Weiner, University of Washington
	This session will focus on considering the current state of measurement in D&I research, priorities for the field moving
	forward, and related issues of data aggregation, study design implications, and remaining gaps

Technology, Atlanta, GA, (7)UMMS, Worcester, MA, (8)University of Miami, Miami, FL, (9)The Rockefeller University, New York, NY, (10)Penn State University, Hershey, PA, (11)UAB, BIRMINGHAM, AL

forward, and related issues of data aggregation, study design implications, and remaining gaps.