R3EDI: Rigorous, Rapid and Relevant Evidence Adaptation and Implementation to Ending the HIV Epidemic (EHE)

• Contact:
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  • Project Coordinator: Raul Hernandez Ramirez (raul.hernandezramirez@yale.edu)

• Yale School of Public Health – Center for Interdisciplinary Research on AIDS (CIRA), New Haven, Connecticut

• Areas of Expertise:
  • Implementation Science methods, frameworks, strategies, measures and outcomes
  • HIV/AIDS research and study design
  • Management of experimental and observational IS studies
  • Data collection, sampling; quantitative, qualitative, and mixed-methods analytic approaches; partnership formation, and community-based participatory research
Investigative Team

- Trace Kershaw, PhD, Professor, Department of Social and Behavioral Sciences, Yale School of Public Health, Director, Center for Interdisciplinary Research on AIDS (CIRA) – Use of quantitative and qualitative approaches to studying social and structural determinants of health (https://cira.yale.edu/people/trace-kershaw-phd)
- Paul Cleary, PhD, Anna M. R. Lauder Professor, Department of Health Policy and Management, Yale School of Public Health, Department of Sociology, Yale University – Multilevel interventions and health services research in HIV/AIDS (https://publichealth.yale.edu/cmis/profile/paul_cleary)
- Brian S. Mittman, PhD, Senior Scientist, Department of Research and Evaluation, Kaiser Permanente – Implementation Science in U.S.-based HIV research (https://frist.org/faculty/brian-s-mittman)
- Marcella Nunez-Smith, MD, MHS, Associate Professor, Department of General Medicine, Yale School of Medicine and Department of Chronic Disease Epidemiology, Yale School of Public Health – Community engagement and qualitative and mixed methods research (https://publichealth.yale.edu/cmis/profile/marcella_nunez-smith)
- Stan Vermund, MD, PhD, Dean, Anna M.R. Lauder Professor of Public Health, Yale School of Public Health, Department of Pediatrics, Yale School of Medicine – HIV/AIDS research and data safety monitoring in the context of HIV Prevention trials (https://publichealth.yale.edu/cmis/profile/steven_vermund)
- Luke Davis, MD, Associate Professor, Department of Epidemiology of Microbial Disease, Yale School of Public Health, Department of Pulmonary Medicine, Yale School of Medicine – Implementation science frameworks and human-centered design thinking for contact tracing; cascade methods to evaluate HIV intervention implementation and fidelity (https://publichealth.yale.edu/cmis/profile/lucian_davis)
- Ashley Hagaman, PhD, MPH, Assistant Professor of Public Health, Social and Behavioral Sciences, Yale School of Public Health – Use of innovative tools and collaborative systems approaches, sample size estimating methods for multi-site cross-cultural research (https://publichealth.yale.edu/cmis/profile/ashley_hagaman)
- Rachel Nugent, PhD, Vice President, Global Noncommunicable Diseases, RTI International – Innovative economic evaluation methods (https://www.rti.org/expert/rachel-nugent)
- Steven L. Bernstein, MD, Professor, Department of Emergency Medicine, Yale School of Medicine and Department of Chronic Disease Epidemiology, Yale School of Public Health – Teaching implementation science; use of sequential multiple assignment randomized trial (SMART) methods and multiphase optimization strategy (MOST) (https://publichealth.yale.edu/cmis/profile/steven_bernstein)
- Elizabeth Rhodes, PhD, Postdoctoral Associate, Yale School of Public Health – Use of qualitative methods and implementation outcomes assessment (https://publichealth.yale.edu/cmis/profile/elizabeth_rhodes)
- Fan Li, PhD, Assistant Professor, Department of Biostatistics, Yale School of Public Health – Design and analysis of experimental designs (https://publichealth.yale.edu/cmis/profile/fan_f_li)
- Xin Zhou, PhD, Assistant Professor, Department of Biostatistics, Yale School of Public Health – Design and analysis of experimental designs (https://publichealth.yale.edu/cmis/profile/xin_zhou)
- Inbal (Billie) Nahum-Shani, PhD, Research-Associate Professor, Co-Director: Data-Science for Dynamic Decision-Making Lab (d3lab), University of Michigan – Innovative adaptive interventions such as SMART (http://www-personal.umich.edu/~inbal/) 
- Laura Forastiere, PhD, Assistant Professor, Department of Biostatistics, Yale School of Public Health – Analysis of studies affected by non-compliance or non-adherence and causal inference methods (https://publichealth.yale.edu/cmis/profile/laura_forastiere)
- Raul Hernandez-Ramirez, Associate Research Scientist, Department of Biostatistics and Associate Director, Implementation Research Core, CIRA, Yale School of Public Health – Quantitative approaches for analyzing large, complex data in HIV research (https://publichealth.yale.edu/cmis/profile/raul_hernandezramirez)
- Debbie Humphries, PhD, MPH, Clinical Instructor, Department of Chronic Disease Epidemiology, Yale School of Public Health – Mixed methods community engaged research (https://publichealth.yale.edu/profile/debbie_humphries)
- Christine Simon, PhD, MPH, Associate Research Scientist, Yale School of Public Health - Innovative methodological approaches to community-based research (website to come)
R3EDI Lead Personnel
(l-r: Donna Spiegelman, Raul Hernandez-Ramirez, Debbie Humphries, Daniel Davidson, Christine Simon)
CIRA Leadership and Staff

Top Row (L–R): Raul Hernandez-Ramirez, Daniel Davidson, Jennifer Edelman, John Pachankis, Lauretta Grau
Middle Row (L–R): Trace Kershaw, LaRon Nelson, Katie Doucet, Paul Cleary, Dini Harsono