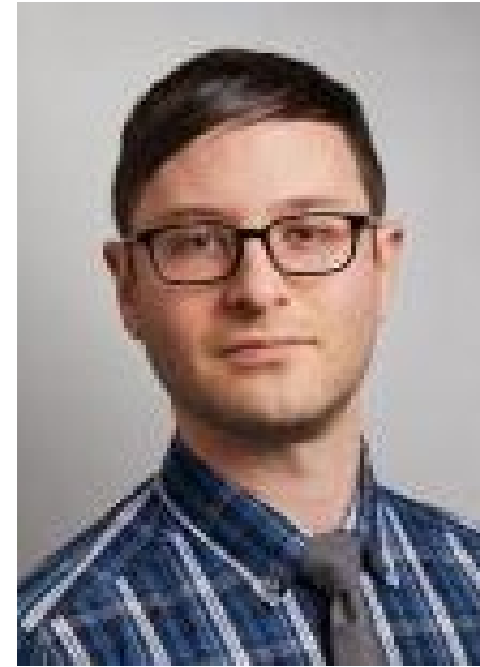


R3EDI: Rigorous, Rapid and Relevant Evidence aDaptation and Implementation to Ending the HIV Epidemic (EHE)

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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/cmips/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://iristl.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/cmips/profile/marcella_nunez-smith/)
- Sten 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/cmips/profile/sten_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/cmips/profile/lucian_davis/)
- Daniel Davidson, MSW, MPH, Assistant Director, Community Research and Implementation Core, CIRA – *Partnership formation and Community Engaged Research (CEnR) methods and practice* (<https://cira.yale.edu/people/daniel-davidson-msw-mph>)
- 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/cmips/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/cmips/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/cmips/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/cmips/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/cmips/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/cmips/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/cmips/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

CIRA Leadership and Staff

Top Row (L-R): Raul Hernandez-Ramirez, Daniel Davidson, Jennifer Edelman, John Pachankis, Laretta Grau
Middle Row (L-R): Trace Kershaw, LaRon Nelson, Katie Doucet, Paul Cleary, Dini Harsono
Bottom Row (L-R): Elizabeth Cappello, Pete Donohue, Donna Spiegelman, Luke Davis, Sharon Mierzwa

