cira
Center for Interdisciplinary Research on AIDS at Yale University

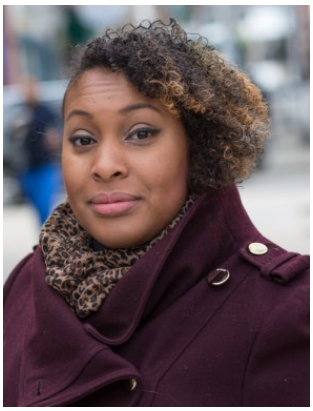
CIRA Dissemination and Implementation Science Methods Core & R3EDI: Rigorous, Rapid and Relevant Evidence aDaptation and Implementation to Ending the HIV Epidemic

Presents

"Harnessing the power of spatial data science to help end the HIV epidemic in the United States"

Hui (Henry) Luan, PhD (Speaker)

O'Donnell School of Public Health, UT Southwestern Medical Center



Lorraine T. Dean, ScD (Discussant)

Johns Hopkins Bloomberg School of Public Health

Monday, July 15, 2024
2:00 pm – 3:00 pm

Join by Zoom:
bit.ly/CIRA-DISM-Spatial

Contact Daniel.Davidson@yale.edu with questions.

Organized by CIRA's Dissemination and Implementation Science Methods Core & R3EDI: Rigorous, Rapid and Relevant Evidence aDaptation and Implementation to Ending the HIV Epidemic of the Center for Interdisciplinary Research on AIDS (CIRA). CIRA is supported by National Institute of Mental Health Grant No. P30MH062294, Trace Kershaw, Ph.D., Principal Investigator.

CIRA's DISM Core Presents:
"Harnessing the power of spatial data science to help end the HIV epidemic in the United States"

Hui (Henry) Luan, PhD, O'Donnell School of Public Health, UT Southwestern Medical Center

Dr. Hui (Henry) Luan is an Assistant Professor in Spatial Epidemiology in the O'Donnell School of Public Health at UT Southwestern Medical Center. He applies and develops Bayesian spatiotemporal statistical models and advanced Geographic Information Science (GIS) approaches to investigate how health phenomena (with a recent focus on HIV and PrEP accessibility) vary over space, time, and race/ethnicity, and how socioeconomic, demographic, physical, and built environmental factors contribute to these space-time and racial/ethnic variations. His research program focuses on promoting the application of spatiotemporal analysis and GIS in public health, informing the development of geographically tailored, evidence-based health interventions, and ultimately improving population health.

Dr. Luan's research has been funded by different agencies, including the inaugural Vu fellowship from *AIDSVu.org*, the *Data Science Initiative seed grant* from University of Oregon, and the *John Templeton Foundation*. His work has been published in flagship geography, spatial data science, and public health/epidemiology journals including *Annals of AAG, IJGIS, Journal of AIDS, Spatial and Spatiotemporal Epidemiology*, and *Annals of Epidemiology*. He currently serves on the Editorial Board of the journal *Spatial and Spatiotemporal Epidemiology*.

Lorraine T. Dean, ScD, Associate Professor, Johns Hopkins Bloomberg School of Public Health

Lorraine T. Dean, ScD, is a social epidemiologist who examines how privilege and disadvantage influence chronic disease, and teaches an award-winning course on the topic.

HIV Implementation Science
Coordination Initiative

Implementation Science Hubs support projects with progress reporting to the National Institutes of Health (NIH). In addition, they enable the harmonization of implementation outcomes. This allows us to glean lessons learned across contexts and settings involved in EHE activities.