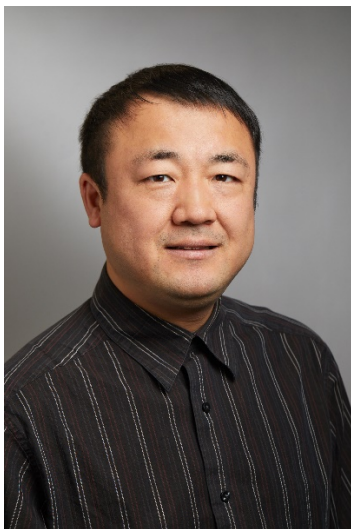**R³EDI: Rigorous, Rapid and Relevant Evidence aDaptation and Implementation to Ending the HIV Epidemic** Webinar Series

"Risk Prediction Modeling: A Machine Learning Approach to Ending the HIV Epidemic"

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4:00 - 5:00 PM Eastern Time
Via Zoom*

ABSTRACT

Machine learning (ML) is increasingly being used in public health research and presents a novel opportunity to make advances in HIV prevention, diagnosis, and treatment. In this webinar, Dr. Zhou will provide an overview of ML approaches to predictive analytics that can be used by clinicians and researchers to estimate individual and population-level HIV risks and enhance HIV detection and treatment in clinical and community settings.

Bio

Dr. Zhou is an Assistant Professor in the Department of Biostatistics at the Yale School of Public Health. His research is focused on statistical and machine learning methods in precision medicine, measurement error correction, cluster randomized trials, and high dimensional data analysis. He received his PhD in Biostatistics from the University of North Carolina at Chapel Hill and completed his Postdoctoral Fellowship at the Harvard T.H. Chan School of Public Health.

*Please contact William Tootle at william.tootlejr@yale.edu for the Zoom link or if you have any questions.