

Beyond Prediction: AI, Public Health, and the Search for Causes

Dr. Zuber Mulla, Professor

**Department of Obstetrics and Gynecology and
Executive Director of Faculty Development
Texas Tech University Health Sciences Center
El Paso, Texas**

Accessing and analyzing large health datasets is best done using a well-rounded team. Data scientists, engineers, public health scientists, and clinicians must be able to communicate with one another. In this presentation I will give an overview of several large, publicly-available health datasets and give examples of inter-disciplinary collaboration. Challenges of analyzing health datasets such as missing and clustered data will be discussed. I will also distinguish prediction from causal inference.

Bell Hall 143

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Remote: <https://utep-edu.zoom.us/j/82901391798>

Dr. Zuber Mulla



Zuber D. Mulla, Ph.D., is Professor of Obstetrics and Gynecology in the Paul L. Foster School of Medicine and Executive Director for Faculty Development at Texas Tech University Health Sciences Center El Paso. He completed his doctorate in the Department of Epidemiology and Biostatistics at the University of South Florida College of Public Health in Tampa. Zuber has published over 100 articles in peer-reviewed journals. His interests include statistical methods in epidemiology, patient outcomes research, and health disparities. He professional honors include the Outstanding Teacher Award from the El Paso Regional Campus of the University of Texas School of Public Health at Houston, and the University of South Florida College of Public Health Outstanding Alumni Award.