Leveraging the All of Us Research Program Data to Improve Chronic Disease Prediction Using Artificial Intelligence

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Purpose:

➢ The purpose of this presentation is to demonstrate how data from the NIH All of Us Research Program can be leveraged to apply artificial intelligence (AI) models to improve the prediction of chronic diseases.

➢ The presentation will highlight the integration of clinical, and demographic data to enhance risk prediction, and improve early identification of chronic conditions.

Data Now Available in the Research Workbench*

- **633,000+** With survey responses
- **509,000+** With physical measurements
- **447,000+** With genotyping arrays
- **393,596+** With electronic health records
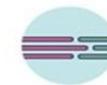- **414,000+** With whole genome sequences
- **59,000+** With Fitbit records
- **97,900+** With structural variant data (More than 1.5 million total structural variants)
- **2,700+** Long-read sequences

Bell Hall 143
Friday, February 27, 2026, 10:00 AM
Remote: https://utep-edu.zoom.us/j/82901391798