

Center for Research and Training in the Sciences (UTSA),
Institute for Integration of Medicine & Science (UTHSA),
Translational Science Graduate Program, &
UTSA-UTHSA Joint Graduate Program in Biomedical Engineering
invite you to attend

STRECH

Seminars in Translational Research

Presents

Data-analytics Frameworks to Combat the Current Opioid Epidemic

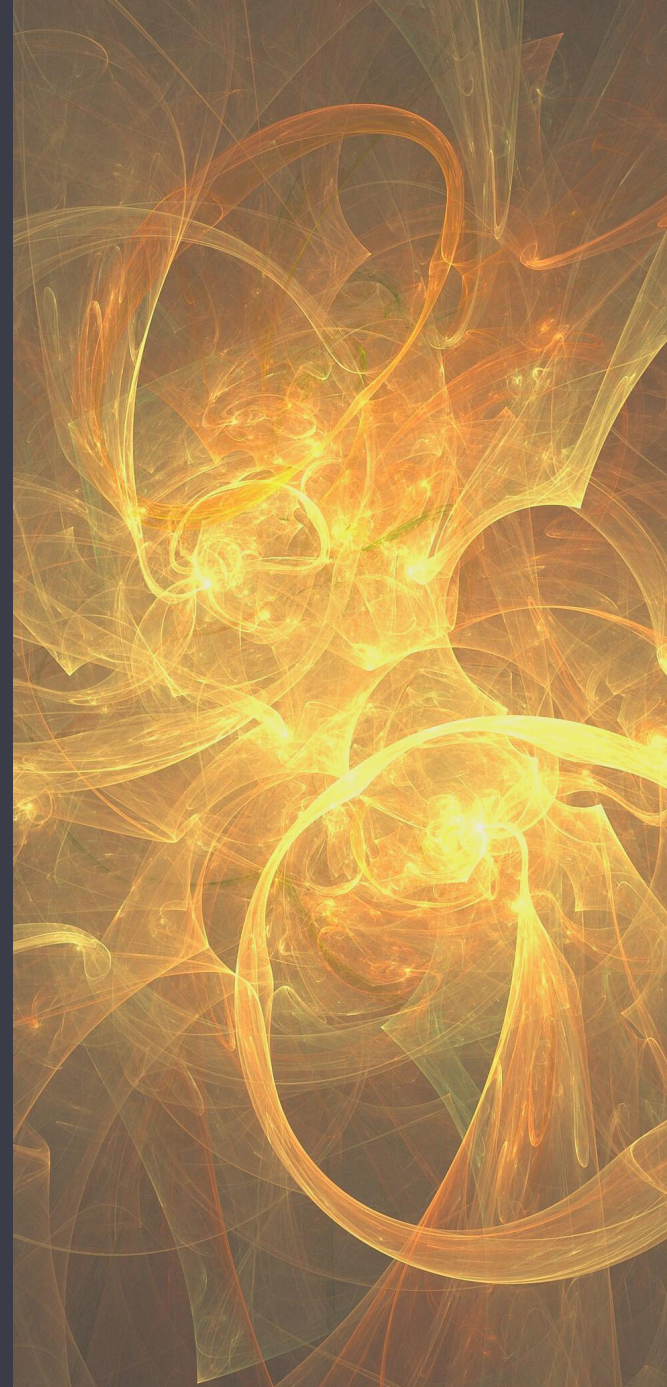
Health care has become a data-intense industry with billions of data generated at numerous healthcare encounters on a daily basis through wearable devices, medical images, and from biomedical and bibehavioral research studies. These data are essential to driving improvements in population health to address issues related to cost, quality, and outcomes and promote personalized medicine and precision health.

Over the past 20 years, the opioid epidemic has been responsible for numerous overdose deaths among Americans and worldwide. Furthermore, the opioid overdose epidemic has not impacted communities equally, with increased barriers to care access in an already fragmented system. This work takes a step towards applying data analytics for knowledge discovery using health insurance claims data to understand opioid use disorder and its associated harms. The studies presented in this talk investigate the impact of current public approaches on the opioid overdose epidemic and inform policymakers and the general community about the social and structural determinants affecting communities and populations vulnerable to the epidemic.



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**Friday, March 24, 2023
9:00AM - 10:00AM**

For information on participating in the current monthly seminar, please head to <https://www.utsa.edu/crts/strech/> or scan the QR code below.



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