



The University of Texas
Health Science Center at Houston

School of Biomedical
Informatics

DSICCR Tuesday Seminar Series

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Machine Learning on Multi-Modal Healthcare Data

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Division of Health and Biomedical Informatics

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This talk will cover our recent progress on developing machine learning methods and applying them to multi-modal healthcare data with regional and national collaborative case examples. I will delve into different modalities of the healthcare data (e.g., unstructured clinical notes, structured EHR data, imaging data, multi-omics data etc.) and show how these data modalities can be individually and/or jointly mined to derive actionable intelligence for clinical decision making. I will reflect on the lessons learned and argue for the need for developing flagship datasets to power high impact research. I will also argue for the need for a fresh perspective on AI/ML applications in healthcare and move from reactive to proactive machine learning.

Tuesday, December 13th, 2022. 12p – 1p. [Webcast](#)

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