



DSICCR Tuesday Seminar Series

March 21st, 12pm-1pm, Webcast [Click Here](#)

Distributed representation of biological concepts

W. Jim Zheng, Ph.D.

Professor

School of Biomedical Informatics

University of Texas Health Science Center at Houston

Biological concept representation through annotation and representation plays a crucial role in furthering biomedical research. Over the years, advancements in genome research have brought about a transformation in the way biological concepts are represented, evolving from manual annotation to distributed representation, deep learning-based representation, and finally to contextual embeddings extracted from large language models. This presentation will share the projects we contributed to the progression of distributed representation of biological concepts, followed by a discussion on the advanced methods we are developing and their practical applications in biomedical research.

Tuesday, March 21st, 2023. 12p – 1p. [Webcast](#)

Contact: Xiaohong.Bi@uth.tmc.edu

 [#SBMIseminar](#)

