Department of Biomedical Informatics

Grand Rounds Speaker

Kai Wang, PhD

Title: "Deep Phenotyping in Electronic Health Records for Genomic Medicine".

Abstract: Integration of phenotypes from electronic health records (EHRs) and clinical sequencing data for patients likely to have monogenetic disorders promises to improve the efficiency and effectiveness of genomic diagnostics. I will describe preliminary efforts to develop and validate informatics approaches to abstract characteristic phenotypes of genetic disorders from EHR narratives, as well as our recent development of phenotype-driven scoring systems to infer the causal genetic variants. I will also describe the use of long-read sequencing technologies to improve genetic diagnostic rates.

DATE: Monday, September 30, 2019
TIME: 1:00 pm – 2:00 pm
LOCATION: CTRC, Room 5019 A/B

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