UCSF Liver Center Mini-Symposium
Data Analytics from the Bench to the Computer-at-the-Bedside

Friday, January 19, 2024
9-12 pm, HSW-302

Goal: The goal of this Liver Center Mini-Symposium to provide investigators with an overview of emerging methods in bioinformatics and clinical informatics to advance research and investigation in liver diseases.

Moderators: Bruce Wang, MD and Jin Ge, MD, MBA

• Part 1: The Bench (Bioinformatics)

Talk #1: Spatial transcriptomics of the liver
Speaker: Jean Moffitt, PhD (Assistant Professor, Program in Cellular and Molecular Medicine, Boston Children’s Hospital)

Talk #2: Data science tools in bioinformatics
Speaker: Joan Wong, PhD (Associate Director of Data Science, Chan-Zuckerberg Biohub)

Talk #3: Single cell analysis of tumor environment
Speaker: Hani Goodzari, PhD (Associate Professor of Biophysics and Biochemistry, UCSF)

• Part 2: The Computer-at-the-Bedside (Clinical Informatics)

Talk #1: Conceptualizing clinical informatics in liver diseases research and care delivery: From clinical decision support to ChatGPT
Speaker: Jin Ge, MD, MBA (Assistant Professor of Medicine, UCSF)

Talk #2: Applied informatics and the translation of data driven research into clinical practice and population health management
Proposed Speaker: Ashley Spann, MD, MSACI (Assistant Professor of Medicine and Biomedical Informatics, Vanderbilt University)

Talk #3: Bias in large language models and their potential implications for equitable healthcare
Proposed Speaker: Irene Chen, PhD (Assistant Professor, UC Berkeley-UCSF Computational Precision Health)