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

Friday, January 19, 2024
9-12:30 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.

9:00 am: Introduction
Bruce Wang, MD & Jin Ge, MD, MBA

Session 1: The Bench (Bioinformatics)
Moderator: *Bruce Wang, MD*
9:10 am: Use of genomics approaches to study cancer
Franklin Huang, MD, PhD (Associate Professor of Biophysics and Biochemistry, UCSF)
9:40 am: Emerging methods in bioinformatics
Yang-Joon Kim, PhD (Data Scientist, Chan-Zuckerberg Biohub)
10:10 am: Expanding multiomic and spatial transcriptomics approaches at UCSF
Walter Eckalbar, PhD (Associate Professor of Medicine, UCSF)

10:40 am: Coffee Break

Session 2: The Computer-at-the-Bedside (Clinical Informatics)
Moderator: *Jin Ge, MD, MBA*
10:50 am: Conceptualizing clinical informatics in liver diseases research and care delivery: From clinical decision support to ChatGPT
Jin Ge, MD, MBA (Assistant Professor of Medicine, UCSF)
11:20 am: Applied informatics and the translation of data driven research into clinical practice and population health management
Ashley Spann, MD, MSACI (Assistant Professor of Medicine and Biomedical Informatics, Vanderbilt University)
11:50 am: Bias in large language models and their potential implications for equitable healthcare
Irene Chen, PhD (Assistant Professor, UC Berkeley-UCSF Computational Precision Health)