

DBEI Research Integration Focus Series (DBEI-RISE)

DBEI Research Integration Focused Series (DBEI-RISE) will meet to identify topics of scientific importance that we can best pursue via collaborations among DBEI faculty, PSOM faculty and Penn faculty. Through presentations, discussions and brainstorming, DBEI-RISE will facilitate collaborative work on both scientific and methodological questions that require further research. DBEI-RISE will hold quarterly meetings, each on a Friday from 10 am to 4 pm. Each meeting will generally include eight presentations and discussions. See below for our list of experts and topics in October!

2nd DBEI-RISE Discussion Topic:

EHR and Large Clinical Database - state of the art applications and methodological challenges

Friday, October 28th, 2022
10:00AM-4:00PM
701 Blockley Hall
(Lunch will be provided)

10-10:30am / Yong Chen, PhD - Professor of Biostatistics

Overview, introduction, some research on distributed learning

10:30-11:00am / Kit Delgado, MD, MS - Assistant Professor of Epidemiology

Behavioral Design, Electronic Health Records, and Automated Text Messaging for Improving Outcomes: A Learning Health System Approach

11:00-11:30am / Jinbo Chen, PhD - Professor of Biostatistics

Developing Generalizable Risk Prediction Models Utilizing Biobank Data by Enforcing Calibration

11:30am-12:00pm / Danielle Mowery, PhD - Assistant Professor of Informatics

From Clinical Research Databases to Data Sharing: An Introduction to the Penn Research Analytics Storefront and NIH Data Management & Sharing Plan Policy

12:00-1:00pm Lunch break

1:00-1:30pm / Carolin Victoria Schneider, MD - Assistant Professor (present via Zoom, from Germany)

Penn Biobank and CVD disease research

1:30-2:00pm / Mayur Naik, PhD - Professor of Computer Science

Combining Domain Knowledge and Data-Driven AI for Building Healthcare Applications with Scallop

2:00-2:30pm / Alexis Ogdie, MD, MSCE - Professor of Epidemiology

Using EHR data in studies: challenges and opportunities

2:30-3:00pm / Bingxin Zhao, PhD - Assistant Professor of Statistics

Biobank-scale imaging genetics for human health: from a multi-organ perspective

3:00-4:00pm / Open discussions, possible research collaborations