



Biomedical Data Science Student Rotation Presentations

Session 1: Thursday

December 8, 12-1

1360 Genetics/Biotech

Thursday December 8, 12-1pm
1360 Genetics-Biotech /
<https://uwmadison.zoom.us/j/98390270973>

Spencer Halberg
Title: Network-based data integration and visualization provide a global understanding of regulatory mechanism in *A. Fumigatus*
Rotation Advisor: Sushmita Roy

Sierra Strutz
Title: Pushing pCART Forward
Rotation Advisor: Anoop Mayampurath

Emma Graham Linck
Methods for predicting individualized treatment effects
Rotation Advisor: Matt Churpek

Yuda Liu
Title: An Exploratory Analysis of Zombie SARS-CoV-2
Rotation Advisor: Colin Dewey

Ryan Kassab
Modeling EHR Data for Predicting Ovarian Cancer
Rotation Advisor: Irene Ong

Session 2: Friday

December 9, 12-1

1111 Biotech (auditorium)

Friday December 9, 12-1pm
Biotech Auditorium /
<https://uwmadison.zoom.us/j/94816338529>

Yujia Cai
Title: Identifying Glioblastoma Patient Subgroups with Sequencing Data
Rotation Advisor: Christina Kendzierski

Emma Croxford
Title: DR.BENCH Evaluation Metrics
Rotation Advisor: Majid Afshar

Jie Sheng
Title: tbd
Rotation Advisor: Daifeng Wang

Angela Wu
Title: Statistical Methods for Testing Reliability and Validity
Rotation Advisor: Rick Chappell

Tinghui Xu
Title: A Relaxed Doubly Robust Estimation
Rotation Advisor: Tinghui Xu

Huan Liang
Title: Critical Deterioration in Hospitalized Children
Rotation Advisor: Anoop Mayampurath