

Department of Biostatistics and Medical Informatics Seminar

Student Presentations Thursday Dec 5 and Friday Dec 6, 2024 : 12 - 1pm

<https://uwmadison.zoom.us/j/94802702215?pwd=ZPU1PgSF4EiGaQQ3r2dXM1DeHxlEkU.1>

Meeting ID: 948 0270 2215 Passcode: 237861

Thursday December 5, 2024 12pm **408 Service Memorial Institute (SMI)**

James Haddad

Title: Utilizing clinical data to predict hepatic deterioration over time

Rotation Mentor: Matthew Churpek

Shan Leng

Title: Epigenetic Ageing: Literature Review & Unsupervised Solution

Rotation Mentor: Qiongshi Lu

Mike Fromandi

Title: Exploring Shared Information in Biomedical Data

Rotation Mentor: JP Yu & Daniel Pimentel

JJ Liu

Title: CASSIA

Rotation Mentor: Christina Kendziorski

Xiaoxu Rong

Title: Diagnosis of Neonatal Encephalopathy (NE) based on CTG Data

Rotation Mentor: Daniel Pimental

Friday December 6, 2024 12pm **Biotechnology Center Auditorium**

Leo Jin

Title: Some Investigations on the sequence-to-function model Enformer

Rotation Mentor: Qiongshi Lu

Swathisri Venkatesh

Title: Examining the Gene Regulatory Programs of Compensatory Renal Growth

Rotation Mentor: Sushmita Roy

Brendan Joyce

Title: Unpacking the Impact of Pediatric Microbiome on Immune System Development

Rotation Mentor: Irene Ong

Jin Mu

Title: Transfer learning and genetics-powered estimation of heterogeneous treatment effect

Rotation Mentor: Qiongshi Lu

Peng Wu

Title: A Clinically Intuitive Approach to Evaluating the Performance of Early Warning Scores

Rotation Mentor: Anoop Mayampurath

Livvy Johnson

Title: Survival Analysis of VEGF/VEGFR Inhibitor Treatment on TP53-Mutant Cancer Patients

Rotation Mentor: Irene Ong