

**Department of Biostatistics and Medical Informatics Seminar**  
**Student Research Presentations Friday May 3, 2024 11:45am - 1pm**  
**Biotechnology Center Auditorium**

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<https://uwmadison.zoom.us/j/91245666497>

Meeting ID: 912 4566 6497

**Aurod Ounsinegad, BDS PhD student**

Title: Ranking and Clustering Counties in Washington State Based on Health Outcomes

Rotation Mentor: Professor Ron Gangnon

**John Peters, BDS PhD student**

Title: Channel Adaptive Transformers for Biomedical Imaging

Rotation Mentor: Professor Juan Caicedo

**Jifan Gao, BDS PhD student**

Title: Automated stratification of trauma injury severity across multiple body regions using multi-modal, multi-class machine learning models

Rotation Mentor: Professor Majid Afshar

**Tim Gruenloh, BDS PhD student**

Title: Benchmarking Multimodal Machine Learning Methods in Omics Data

Rotation Mentor: Professor Daifeng Wang

**Zhongxuan Sun, BDS PhD student**

Title: Network QTL Analysis with Population-Scale scRNA-seq Data

Rotation Mentor: Professor Sunduz Keles

**Elliot Xie, BDS PhD student**

Title: Finding causal relationship between clonotype size and mutation burden using paired Single cell and TCR data

Rotation Mentor: Professor Michael Newton

**Lingxin Cheng, BDS PhD student**

Title: tbd

Rotation Mentor: Professor Christina Kendziorski