**Biomedical Data Science Student Rotation Presentations**

**Wednesday December 4, 2019**

12:30-2:30

1210 MSC

*********************************************

**Jojo Cheng**

“Towards the GILBERT architecture: Generalized Infinite Lite BERT”
Rotation Advisor: Vikas Singh

**Saniya Khullar**

PhyloHMG
Rotation Advisor: Sushmita Roy

**Tuo Wang**

“Tissue-specific polygenic risk score”
Rotation Advisor: Qiongshi Lu

**Xiayuan Huang**

“Using of RBP Localization and Binding to Infer RBP”
Rotation Advisor: Sunduz Keles

**Ben Kaufman**

“Evaluating Graph Neural Networks on the Computation of Strain Energies of Molecular Conformer Ensembles”
Rotation Advisor: Sebastian Raschka

**Ting Jin**

“Interpretable neural network model identifies gene expression biomarkers for clinical outcomes in early cancer and reveals underlying molecular mechanisms”
Rotation Advisor: Daifeng Wang

**Lianlian Du**

tbd
Rotation Advisor: Qiongshi Lu

**Li Ge**

“Computer-vision-based surgical skill assessment for cataract surgeries”
Rotation Advisor: Yin Li

**Lexie Lobo**

“Predicting Immune Response from Microbiome Data”
Rotation Advisor: Irene Ong

**Zijie Zhao**

“Fine-tuning Polygenic Risk Scores with GWAS Summary Statistics”
Rotation Advisor: Qiongshi Lu

**Erika Lee**

“Testing feature importance in chromatin-interaction prediction model”
Rotation Advisor: Mark Craven

**Keith Westpfahl**

“Robust Concept and Knowledge Extraction from Text (RoCKET)”
Rotation Advisors: Glenn Fung, Qian You, and Teja Kanchinadam at American Family Insurance

**Matt Stone**

tbd