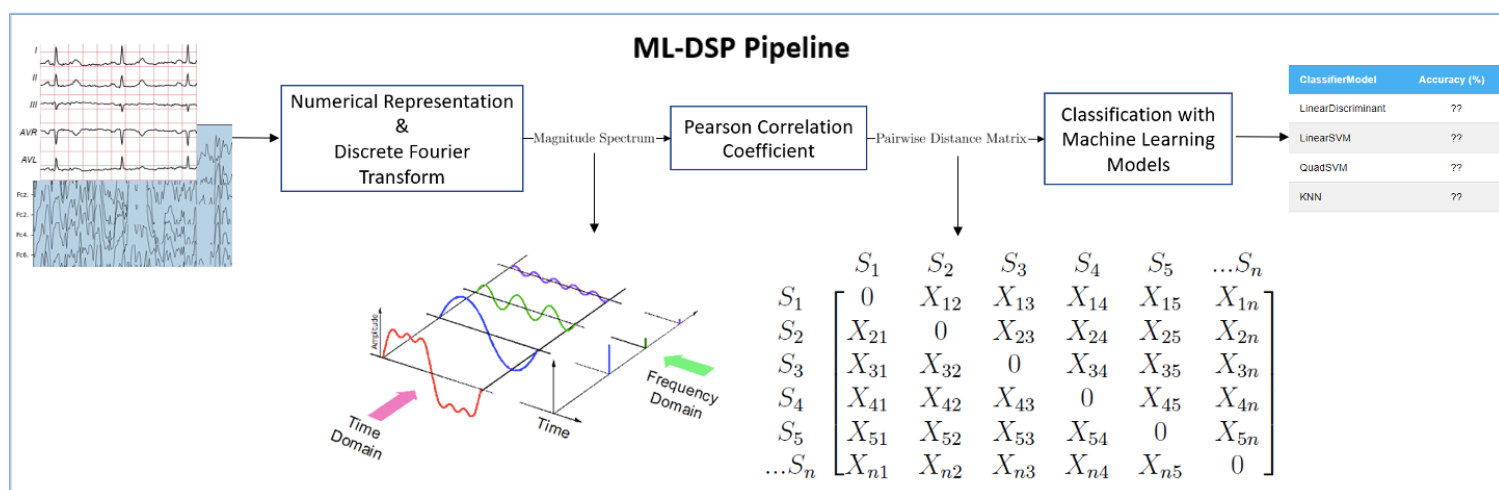# Please join us!

The Physiology and Pharmacology Research Committee is presenting a Virtual Lunch and Learn Workshop

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Our topic of discussion and presentation:

"Machine Learning with Digital Signal Processing (ML-DSP): Raman Spectroscopy, Electrocardiograms, and Electroencephalograms"
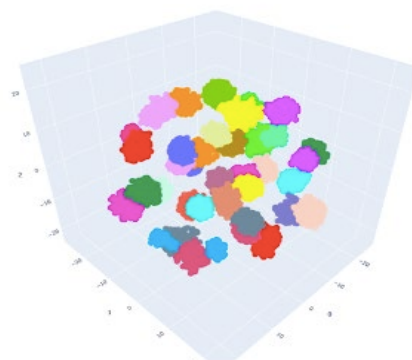

Guest Speakers:
Adrian Yung and Kathleen Hill
Department of Biology

Host:
Peter Stathopulos
Department of Physiology and Pharmacology

Objectives:
By the end of this session, the participants will better understand:

- A supervised machine learning approach to classification of spectral data
- Distance matrices, molecular distance maps, confusion matrices, accuracy classifiers
- Classification problems in biological data
- Challenges in experimental design for supervised machine learning approaches to classification problems
- The potential for machine learning in analysis of biological data

Wednesday, June 29, 2022
12:00-1:00 p.m.
Via Zoom **https://westernuniversity.zoom.us/j/92196022856?from=addon**

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