

**Chemical Engineering Student Seminar Day – Dec 04, 2024**    **Location: Dupuis 217****Time: 9:20am**    **Chair: Dr. Guay & Dr. Dinh****Co-Chairs: Yun Woo Choi & Florence Bullem**

<b>TIME</b>	<b>SPEAKER</b>	<b>SUPERVISOR</b>	<b>TITLE</b>
9:20am	Telema Harry	Guay	Data-driven Gaussian process output regulation for a class nonlinear systems
9:50am	Maryam Aghili	Docoslis	Sustainable Graphene Nanoplatelet Hydrogels for Enhanced SERS Detection of PFAS Contaminants
10:20am	Iman Moshiritabrizi	McAuley	Process Knowledge for Drug Substance Production via Kinetic Modeling, Parameter Estimability Analysis and Reaction Optimization
10:50am	<b>BREAK</b>		
11:10am	Behnam Nourmohammadi Khiarak	Dinh	CO <sub>2</sub> electroreduction in aqueous fed systems to C <sub>1</sub> and C <sub>2</sub> products
11:40am	Mohamed Wahbi	Kontopoulou/ De France	Enhancing Performance of PLA/CNCs Composites: Surface Modification, Compatibilization, and Blending Strategies
12:10pm	<b>LUNCH</b>		