

**Chemical Engineering Student Seminar Day – November 18, 2021    Location: Dupuis 215**

**Time: 1:00pm**

**Chair: Carlos Escobedo**

**Co-Chair: Connor Sanders**

<b>TIME</b>	<b>SPEAKER</b>	<b>SUPERVISOR</b>	<b>TITLE</b>
1:00pm	Olga Torres Rocha	Cunningham/ Pascale	Non-covalent polymer surface modification of cellulose nanocrystals using block copolymers
1:20pm	Yazan Bdour	Escobedo	Hybrid Nanoparticle-Nanohole Array Sers-Active Nanostructures
1:40pm	Avery Ling	Ramsay	Mass Transfer Effects on Biogenic Greenhouse Gas Production in Athabaskan Oil Sands Tailing Ponds
2:00pm	<b>Break</b>		
2:10pm	Derek Russell	Hutchinson/ Meunier	Estimating the Bioaccessibility of a Hydrolytically Degradable Cationic Flocculant
2:30pm	Luke Kuo	Dinh	Anion effects on electrochemical CO <sub>2</sub> conversion stability and selectivity at high current densities
2:50pm	Lizzie Bygott	Hutchinson	The synthesis of acrylate macromonomers to produce structured copolymer dispersants by semi-batch radical polymerization