

# Chemical Engineering Student Seminar Day – April 26, 2018

CHAIR: Dr. Ramsay, Dr. Peppley

Co-Chairs: Erica Anderson, Mia Wang

LOCATION: Dupuis 217

Lunch 12:00pm in Dupuis Hall, Rm 217



TIME	SPEAKER	SUPERVISOR	TITLE
9:30am	Elizabeth Claudio Pachecano	Champagne	<i>Validation, Evaluation and Standardization of a Solid-Phase Extraction Method for the Separation of Algal Lipid Classes</i>
9:50am	Nathan Mullins	Daugulis	<i>A novel method for the treatment of hydraulic fracturing flowback fluid utilizing extractive membrane bioreactors</i>
10:10am	Saeed Rismani Yazdi	Escobedo	<i>Magnetotactic bacteria: microscale interactions and macroscale applications</i>
10:30am	<b>10 Minute Break</b>		
10:40am	Mohammad Jahvani	Guay	<i>Distributed Observer Design for Linear Time-Invariant Systems</i>
11:00am	Fei Liu	McAuley	<i>Modeling Polycondensation Equilibrium for Nylon 6 and Nylon 6,6</i>
11:20am	Samantha Duff	Peppley	<i>Use of Beta Zeolites for the Hydroisomerization of Oleic Acid to Branched Chain Fatty Acids</i>