

Membrane Science, Engineering and Technology Center
Research Project Poster Presentation Schedule:
Sunday, April 22, 2018
Pennsylvania State University

Ongoing Projects: 5-minute oral reports for each current research project will be presented in the following order, allowing 5 minutes for discussion and questions after the presentation.

Session Chair: Ranil Wickramasinghe

8:00 pm

1. Adsorptive and Destructive Mixed Matrix Membranes for CB Protection Project #15-1

Faculty:	Kamalesh Sirkar	NJIT Chemical Engineering
	Boris Khusid	NJIT Chemical Engineering
Post-Doc:	John Chau	NJIT Chemical Engineering
Graduate Student:	Yufeng Song	NJIT Chemical Engineering

8:10 pm

2. Novel Nanofiltration Membranes for Isolation of Pharmaceutical Compounds Project #17-6

Faculty:	Kamalesh Sirkar	NJIT Chemical Engineering
Post Doc:	John Chau	NJIT Chemical Engineering

8:20 pm

3. Coupled UV-Membrane and Oxidations-Membrane Process for Decreased Biofouling and Enhanced in Water Reclamation Applications Project #17-1

Faculty:	Karl Linden	CU Civil Engineering
Graduate Student:	Joanna Murphy	CU Civil Engineering

8:30 pm

4. Nanopore Tuning in Lyotropic Liquid Crystal Membrane Materials for Optimized Water Vapor Transport and Selective Rejection of CWA Simulants of Interest to DTRA Project #16-3

Faculty:	Richard Noble	CU Chemical Engineering
	Douglas Gin	CU Chemical Engineering
Graduate Student:	Greg Dwulet	CU Chemistry & Biochemistry
	Michael McGrath	CU Chemical Engineering
Undergrad Student:	Kimberly Bourland	CU Chemical Engineering

8:40 pm

5. Forward Osmosis for Water Treatment and Recovery Project #16-4

Faculty:	Ranil Wickramasinghe	UA Chemical Engineering
Graduate Student:	Yu-Hsuan Chiao	UA Chemical Engineering

8:50 pm

6. Factors Affecting Robustness of Anion Exchange Chromatography: Membrane Versus Resins Project 18-1

Faculty:	Ranil Wickramasinghe	UA Chemical Engineering
	Xianghong Qian	UA Chemical Engineering
Graduate Student:	TBD	UA Chemical Engineering