

**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**

**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**

**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**

**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**

**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**

**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**

**Title Project 18-1**