

## **CIEG 865: Graduate Student Seminar Series, Spring 2009**

*Department of Civil and Environmental Engineering*

**Mondays, 1:30-2:30 pm, 350 DuPont Hall**

*VISITORS ARE WELCOME*

<b>DATE</b>	<b>SEMINAR SPEAKERS</b>	<b>TITLES</b>
<i>February 23</i>		
<i>March 02</i>	David Metzler	Cyto-toxicity of Nano-TiO <sub>2</sub> on <i>P. subcapitata</i> (cancelled due to snow day)
<i>March 09</i>	Rovshan Mahmudov	Direct Contact Membrane Distillation for the Treatment of Highly Concentrated Brines
	Minghua Li	Response of <i>C. dubia</i> to Carbon Nanotubes and Other Nano-sized Oxides
<i>March 16</i>	Marinna Lepp	Fifty Year Run of the Chesapeake Watershed HSPF Model and Historic Nitrogen Loading
	Meghan Gloyd	Passive Air Gap Membrane Distillation
<i>March 23</i>	Dr. John Fortner Rice University	(no student seminar; students are to attend the guest speaker seminar at 1:30 in DuPont 350)
<i>March 30</i> <i>(spring break)</i>		(no seminar)
		(no seminar)
<i>April 06</i>	Chunjian Shi	Removal of Bacteriophages and Viruses from Drinking Water and Reclaimed Water Using Zero-Valent Iron
	Bin Zhou	Hydrogen Generation and Pollutant Degradation by C- TiO <sub>2</sub> Film in a PEC System

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<i>April 13</i>	Po-Yen Wang	Removal of Low Concentration of Perchlorate Ion in Water by Perchlorate Selective Membrane
	Yanqing Lin	Development and Validation of Terrestrial Biotic Ligand Model
<i>April 20</i>	Vince Scicchitano (WR)	Understanding and Modeling the Movement of Gas and Liquid in a Landfill
	Erfan Mostafid	Water and Gas Flow Measurements for Biocover Materials
<i>April 27</i>	Yasemin Atalay	LFER for Metal Ligand Complexation: Nitrogen Groups
	Undine Kipka	LFER Model for Organic Carbon Partitioning
<i>May 04</i>	Magda Pachocka	Transport of Pathogens in Intermittent Slow Sand Filtration
	Yoojin Jung	Development of Methods to Improve Management of Gases in Landfills
<i>May 11</i>	Nathan Kiracofe	Biodiesel from Wastewater Microorganisms
	Maryam Akhavan	Modeling Hydrologic Effects of a Land-Based Wastewater Disposal System
<i>May 18</i>	Kathy Phillips (ChE)	Calculating One-Electron Reduction Potentials for Nitroaromatic Compounds
	Yun-Ta Yeh	Electrochemical Reduction of CO <sub>2</sub> Using Chromium Electrodes