



## 2016 Fall Environmental Engineering Seminar Series

Friday 12-1 PM, SEEC N128

Date	Speaker and Affiliation	Title
2-Sep	<b>Tom Duster</b> , NIST, Boulder, Colorado	Standard methods, materials, and databases for the development of surface complexation models: Applications in reactive contaminant transport and water technology
9-Sep	<b>Jerald L. Schnoor</b> , Professor, University of Iowa	Effect of climate change on water quality in a major agricultural basin
16-Sep	<b>Alejandro Caicedo</b> , PhD Candidate, CU Boulder	Local microchemical delivery of biocidal metals for the in situ control of microbially-induced concrete corrosion
23-Sep	<b>Wyatt Champion</b> , PhD Candidate, CU Boulder	Navajo home heating practices, their impacts on indoor air quality and human health, and a framework to identify sustainable solutions
30-Sep	<b>Daniel Gerrity</b> , Professor, University of Nevada, Las Vegas	Effects of solids retention time in activated sludge systems on antibiotics and antibiotic resistance
7-Oct	<b>Tim LaPara</b> , Professor, University of Minnesota, Minneapolis	<i>Mycobacteria</i> versus <i>Legionella</i> : The pros and cons of maintaining a residual concentration of monochloramine in drinking water distribution systems
14-Oct	<b>Pete Morton</b> , Conservation Economics Institute	Economic analysis of capturing methane pollution from oil and gas development on public lands
21-Oct	<b>Randi Brazeau</b> , Professor, Metropolitan State University of Denver	Incident review and model for flushing chemically contaminated residential building plumbing systems
28-Oct	<b>Christopher Bellona</b> , Professor, Colorado School of Mines	Pursuing a viable plasma reactor for water treatment
4-Nov	<b>Héctor Jorquera González</b> , Professor, Pontificia Universidad Católica de Chile in Santiago	1998-2012 source apportionment of ambient PM <sub>2.5</sub> at Santiago, Chile
6-Nov	<b>Patrick Murphy</b> , Boulder County Environmental Health	Colorado's Front Range oil and gas production- Environmental concerns and local reactions
11-Nov	<b>No seminar</b>	<b>No seminar</b>
18-Nov	<b>Garrett McKay</b> , PhD Candidate, CU Boulder	Hydroxyl radical formation from photolysis of dissolved organic matter
25-Nov	Fall Break	Fall Break
2-Dec	<b>Leanne Miller</b> , Water Research Foundation	Advancing the science of water: Water research foundation's recent research results on contaminants of emerging concern
9-Dec	<b>Julie Korak</b> , US Bureau of Reclamation	Regeneration and Waste Minimization of Hexavalent Chromium Ion Exchange Processes

Questions? Please contact Professor Fernando Rosario-Ortiz, [Fernando.rosario@colorado.edu](mailto:Fernando.rosario@colorado.edu)