



<i>date</i>	<i>speaker</i>	<i>topic</i>
March 11 (SEEC N124)	Jim Kemper Manager, Aurora High Altitude Research Laboratory Jim Sidebottom Physical Science Researcher, Mobile Source Program Colorado Department of Public Health and Environment www.colorado.gov/cdphe/apcd	Understanding Mobile Sources Emissions and Vehicle Tampering Issues
March 18	Michael Thurman and Imma Ferrer Center for Environmental Mass Spectrometry University of Colorado Boulder ceae.colorado.edu/cems/	Identification of Surfactants, Friction Reducers, and Clay Stabilizers in Hydraulic Fracturing Fluids: Fingerprinting the Unknowns with Accurate Mass
<i>spring break</i>		
April 1	Nasim Esmailirad Postdoctoral Research Associate Civil and Environmental Engineering, Colorado State University www.researchgate.net/profile/Nasim_Esmailirad	Optimization of Water Management in Hydraulic Fracturing
April 8	Wyatt Champion Graduate Research Assistant, Ph.D. candidate	Navajo Home Heating Practices, Their Impacts on Indoor Air Quality and Human Health, and a Framework to Identify Sustainable Solutions
	Tyler Huggins Graduate Research Assistant, Ph.D. candidate Civil, Environmental, and Architectural Engineering University of Colorado Boulder	Novel Biomass-Derived Carbon Materials for Environmental Application
April 15	Dr. David Rosenberg Associate Professor Civil and Environmental Engineering, Utah State University www.engr.usu.edu/cee/faculty/derosenberg	Systems Modeling to Manage Water for Improved Environmental Benefits: Present and Future
April 22	<i>to be determined</i>	
April 29	Dr. Chris Bellona Assistant Professor Civil and Environmental Engineering, Colorado School of Mines inside.mines.edu/Bellona	Membrane Technologies for Water Treatment and Reuse

Fridays, 12:00 – 1:30 pm (12:15 pm start)
Sustainability, Energy, and Environment Complex (SEEC) Room N128
University of Colorado Boulder | East Research Campus
4001 Discovery Drive, Boulder, Colorado 80309