



Environmental Engineering

UNIVERSITY OF COLORADO **BOULDER**

EVEN Seminar Series

Thursdays at 12:30 – 1:30 pm ~ Physical Location: Listed below

Virtual Location:

Date	Location	Speaker	Title
Jan. 19 th	SEEC S228	Cliff Davidson Syracuse University	The Interactions of Airborne Particles with Surfaces
Feb. 2 nd	Virtual	Emily Barnes Franklin Colorado State University Air Quality Candidate	Dynamics of Anthropogenic Influence on Aerosol Formation and Composition from Remote to Urban Environments: Advancing Data Science-Driven Chemical Analysis for Climate and Public Health
Feb. 9 th	Virtual	Jessica Oakes Air Quality Candidate	Respirable Particles in the Lung: From Wildland Fires to Treatment of Pulmonary Diseases
Feb. 16 th	Virtual	Tianren Wu Air Quality Candidate	A Breath of Indoor Air: Interactions of indoor air pollutants with building systems and occupants
Feb. 23 rd	Virtual	Kelvin Bates Air Quality Candidate	Particulate pollution as miniature chemical reactors: balancing the budgets of organic aerosol, reactive nitrogen, and organic acids in the atmosphere
Mar. 2 nd	SEEC S372	Joshua Jack University of Michigan	Decarbonizing the built environment: Waste CO ₂ valorization and resource recovery via integrated electrochemical-biological technologies
Mar. 9 th	Virtual	Nick Clements Air Quality Candidate	Technological Approaches to Improve Health and Wellbeing in the Built Environment
Mar. 16 th	SEEC S228	Emmalee Biesiada EVEN Graduate Student	Introducing PEGI (Peroxide Enhanced Germicidal Irradiation): A Radical New Method for Disinfection of the Built Environment
Mar. 23 rd	SEEC S372	Sangsuk Lee EVEN Graduate Student. --- Brooke Marten EVEN Graduate Student	Investigation of organic solute rejection in reverse osmosis and nanofiltration with machine learning and molecular fingerprints ----- Sustainable Resource Recovery from Organic Waste: Developing and Evaluating Novel Strategies for Municipal Solid and Liquid Wastes
Apr. 6 th	SEEC S228	Lauren Stadler Rice University	From Drain to Data: The Power of Wastewater Monitoring for Disease Surveillance
Apr. 13 th	SEEC S372	Jacqueline Gerson	The fate, transport, and impact of mercury from artisanal gold mining in the Peruvian Amazon
Apr. 20 th	SEEC S228	Anna Ulanova EVEN Graduate Student --- Nadia Jorgenson EVEN Graduate Student	EcoGenoRisk: Computational Tool For Synthetic Biology Risk Assessment ----- GAC adsorption of preformed DBPs for wastewater reuse
Apr. 27 th	SEEC S228	Bryan Liu EVEN Graduate Student --- Tehya Stockman EVEN Graduate Student	Enhancing Contaminant Degradation Using Low Wavelength Driven AOPs in Water Treatment ----- Aerosol and Gas Phase Measurements to Inform Public Health Policies

May 4 th	SEEC S228	Ayush Shahi	Improving ion exchange for drinking water processes
		EVEN Graduate Student	
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		Katie Fankhauser	Advancing environmental monitoring in regions of data
		EVEN Graduate Student	scarcity with remote sensing and machine learning