# **ENVIRONMENTAL ENGINEERING SEMINAR SERIES**

**SPRING 2016 – 12:15 P.M. IN CASTLEMAN 212** 

#### FEB. 5 -

## "Environmental Engineering Applications of Nanoparticles"

Vinka Oyanedel-Craver, Associate Professor, Department of Civil and Environmental Engineering, University of Rhode Island (Host: Mellor)

#### FEB. 12

"Probabilistic Predictions and Downscaling with an Analog Ensemble for Weather, Renewable Energy, Air Quality, and Hurricane Predictions"

Luca Delle Monache, Scientist, National Center for Atmospheric Research (Host: Astitha)

#### **FEB. 19**

#### "Mercury Redox Transformations in Groundwater"

Nathan Yee, Associate Professor, Department of Environmental Sciences, Earth and Planetary Sciences, Rutgers University (Host: Vadas)

#### **FEB. 26**

## "Climate Change Effects on Soils: Molecular and Microscale Reactions and Processes"

Nikolla Qafoku, Chief Scientist, Earth Science Division, Pacific Northwest National Lab (Host: Chrysochoou)

#### MAR. 4

## "Surfactant Enhanced In-Situ Chemical Oxidation for Soil and Groundwater Remediation"

Geeta Dahal, EthicalChem (Host: Chrysochoou)

#### **MAR. 11**

#### "TRD"

Beth Lawrence, Assistant Professor, Natural Resources and the Environment, University of Connecticut (Host: Vadas)

#### **MAR. 25**

### "Technical Entrepreneurship: A New Paradigm in Engineering Education"

Christos Chistodoulatos, Professor and Vice Provost of Innovation & Entrepreneurship, Stevens Institute of Technology (Host: Chrysochoou)

#### APR. 1

### "Understanding and Modeling Removal of Neutral and Ionic Organic Contaminants by Polymeric Resins"

Judy Zhang, Assistant Professor, Department of Civil and Environmental Engineering, Temple University (Host: Vadas)

#### APR. 8

### "Ecophysiological controls on Amazonian precipitation seasonality and variability"

Jung-Eun Lee, Assistant Professor of Earth, Environmental and Planetary Sciences, Brown University (Host: Wang)

#### **APR. 15**

#### "TRD"

David Buchwalter, Associate Professor, Department of Biological Sciences, North Carolina State University (Host: Vadas)

#### APR. 22

#### "TBD"

Huiying Luo, Ph.D. Candidate, Environmental Engineering Program, University of Connecticut (Host: Astitha)

"A combination of Kriging optimal interpolation and Kalman filter to improve biases in the prediction of wind speed" Alexander Samalot, M.S. Candidate, Environmental Engineering Program, University of Connecticut (Host: Astitha)

#### APR. 29

SENIOR DESIGN DAY IN GAMPEL PAVILION