CLARKSON PRESENTS

from Acid to ART

Thursday, June 27
7 p.m.

A SUSTAINABLE SOLUTION TO WATER POLLUTION

with John Sabraw

Beacon Institute Gallery, 199 Main Street, Beacon, New York

John Sabraw's artwork centers on a unique, eco-conscious method for creating paint from iron oxide extracted in the process of remediating polluted streams. Sparking dialogue among a panel of experts, they will explore this and other innovative eco-restoration models which, if brought to scale, could be high-impact sustainable solutions for healthy water in the Hudson Valley, New York state and beyond.

Moderated by Charles A. Riley II, PhD, author, journalist and director, Nassau County Museum of Art

John Sabraw

Professor of Art and Chair, Painting & Drawing Program, Ohio University

Sabraw, as an environmentalist and activist, works toward a fully sustainable practice, collaborating with scientists and environmental engineers to transform toxic acid mine drainage into paint pigment. The clean water is then restored to rivers and streams, while Sabraw uses the pigment to create paintings that represent what happens to the land when natural resources have been extracted and resulting pollutants are left behind. He is working to commercialize the operation with the goal of investing revenue back into stream remediation. He has most recently been featured in *Smithsonian* and *New Scientist* and by TED and Great Big Story.

Michelle Crimi

Professor and Director, Engineering & Management Program, Clarkson University

Crimi develops technologies for effectively treating chemical pollutants in groundwater, focusing her work on in situ chemical oxidation technology to remediate organic contaminants. She co-author of *Principles and Practices of In Situ Chemical Oxidation Using Permanganate*, the first book on the process. She has also authored or co-authored numerous books and articles and holds a U.S. patent for the method and compositions for treatment of subsurface contaminants. Crimi has received more than 20 grants exceeding $8 million to continue her research.

Shane Rogers

Associate Professor, Civil & Environmental Engineering, Clarkson University

Rogers' research and development activities are focused on integrative and adaptive solutions to meet the challenges of secure and healthy water, food and energy for our future generations. Currently he is exploring integrated management of invasive water chestnuts in the Hudson River near Beacon Institute's Water Ecology Center — a research and education facility on Denning's Point. A Fulbright Scholar, Rogers has authored numerous books and articles in publications such as the *Journal of Environmental Quality* and *Environmental Science & Technology* and holds a provisional patent for liquid-phase electrical discharge plasmas for inactivation of bacteria in water, fruit juices, milk and liquid foods.

Clarkson™

BEACON INSTITUTE FOR RIVERS AND ESTUARIES

FREE AND OPEN TO THE PUBLIC. FOR MORE INFORMATION AND TO REGISTER, VISIT

clarkson.edu/acid2art