



FASEB Catalyst Conferences

The Nexus of Soil and Water Quality: Impacts on the Health of Humans, Animals and Ecosystems

February 2-3, 2022

Conference Organizers:

Patricia L. Morris, PhD, The Rockefeller University, New York, New York
 Hannah V. Carey, PhD, University of Wisconsin-Madison, Madison, Wisconsin

Program times are in Eastern Standard Time, and are subject to change. Recordings will not be available after the meeting.

DAY 1 – February 2, 2022	
Noon – 12:15 pm	<p>FASEB Welcome and Opening Comments from the Organizers; Hannah Carey, PhD, University of Wisconsin-Madison, Madison, Wisconsin Patricia Morris, PhD, The Rockefeller University, New York, New York</p> <p>Introduction of Keynote Speaker Chair: Hannah Carey, PhD</p>
12:15 pm – 1:00 pm	<p>Keynote Lecture A World Without Soil—Implications for Human Health Jo Handelsman, PhD, University of Wisconsin-Madison, Madison, WI</p>
1:05 pm – 1:35 pm	<p>Soils at the intersection of plant, animal, and human health: The importance of a systems-level approach Lindsey Slaughter PhD, Texas Tech University, Lubbock, TX</p>
1:40 pm – 2:10 pm	<p>Land use-induced spillover: lessons learned from emerging bat viruses Raina Plowright, PhD, Montana State University, Bozeman, MT</p>
2:15 pm – 2:45 pm	Break
2:45 pm – 3:15 pm	<p>How promoting farmland diversity can promote agronomic potential and conserve critically endangered wildlife Caroline Hibold, PhD, Université de Strasbourg, France</p>
3:20 pm – 4:00 pm	Q&A / Discussion, Wrap-up Day 1



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DAY 2 – February 3, 2022

Noon – 12:15 pm	Recap Day 1 & Kickoff Day 2, Introduction of Keynote Speaker Chair: Patricia Morris, PhD
12:15 pm – 1:00 pm	Keynote Lecture New approaches to an old problem: Using community engagement and citizen science to fight lead poisoning in our communities Gabriel Filippelli, PhD, Indiana University-Purdue University Indianapolis, Indianapolis, IN
1:05 pm – 1:35 pm	Poor water quality and its impacts on pregnant women and children Rebecca Fry, PhD, University of North Carolina, Chapel Hill, NC
1:40 pm – 2:10 pm	PFOA and GenX health effects using research in a mouse model and health effects reported in humans Suzanne Fenton, PhD, National Institute of Environmental Health Sciences, Raleigh, NC
2:15 pm – 2:45 pm	Break
2:45 pm – 3:15 pm	Exploring the impacts of aquatic herbicide applications on nontarget fish species: Bridging the gap between laboratory and field work. Gavin Dehnert, PhD, Wisconsin Sea Grant and University of Wisconsin, Madison, WI
3:20 pm – 3:50 pm	Environmental determinants of enteric infectious disease: water, soil, and climate Benjamin Zaitchik, PhD, Johns Hopkins University, Baltimore, MD
3:50 pm – 4:30 pm	Q&A / Discussion, Closing Remarks