

**Plenary 1: Sustainable Development – Addressing Societal Challenges, Friday 15 November 2019**

**Amy Pickering, PhD, Tiampo Family Assistant Professor in Civil and Environmental Engineering at Tufts University, USA**



Amy Pickering, Ph.D., is the Tiampo Family Assistant Professor of civil and environmental engineering at Tufts University School of Engineering and a core faculty member in the new Tufts Center for Integrated Management of Antibiotic Resistance (CIMAR). Dr. Pickering received her MS from UC Berkeley and her Ph.D. from Stanford University. Her research lab uses tools from engineering, epidemiology, and molecular biology to understand enteric disease and antibiotic resistance environmental transmission pathways among households in low-income countries and develop interventions to interrupt them. One focus is developing and evaluating scalable and sustainable water, sanitation, and hygiene technologies that minimize the user burden in low-income settings.