

## Smartphone Apps for Citizen Scientists Workshop Series - Previous Presentations

### Tuesday, October 13, 2015, Airborne Contaminants

**Leveraging health and environmental data to inform personal decision-making and public policy.** Michael Heimbinder, Founder and Executive Director, HabitatMap

**Biking and breathing in New York City.** Darby Jack, Assistant Professor of Environmental Health Sciences, Mailman School of Public Health, Columbia University

**Open data from the New York City Mayor's Office of Data Analytics.** Lindsay Mollineaux, NYC Deputy Chief Analytics Officer

**Challenges in using affordable monitors for more accessible air quality monitoring.** Nick Masson, Full Circle Engineering

**Columbia Entrepreneurship.** Richard Witten, special advisor to President Lee Bollinger, Columbia University

### Tuesday, December 1, 2015, Water contaminants

**The mWater Surveyor platform and mobile app.** John Feighery, Co-Founder, mWater;

**Environmental Monitoring in the Age of the App; Building a Networked Solution for Middle School Kids.** Samuel Janis, Project Director, Billion Oyster Project

**FreshWater Watch: Smart technologies helping global communities monitor their environment.** Diana Eddowes, Program Manager, Earthwatch;

**Privacy issues.** Karen Pagliaro-Meyer, Privacy Officer, Columbia University Medical Center, Columbia University;

**Disseminating well-water quality data with an app while respecting privacy: Arsenic in New Jersey and Bangladesh.** Alexander van Geen, Research Professor, Geochemistry, Lamont-Doherty Earth Observatory, Columbia University.

### Tuesday, February 16, 2016, Soil Contaminants

**Trace metal contamination in New York City garden soils.** Zhongqi Cheng, Chair and Associate Professor, Department of Earth and Environmental Sciences, Brooklyn College of The City University of New York

**Mapping hazardous levels of lead in soil using a new field kit and a smartphone.** Franziska Landes, Department of Earth and Environmental Sciences, Columbia University.

**TreesCount! 2015 - Mapping Every Street Tree in New York City.** Jacqueline Lu, Director of Data Analytics, New York City Department of Parks & Recreation.

**On citizen networks in seismology: what works, what doesn't?** Paul Richards, Emeritus Professor of Natural Sciences, Department of Earth and Environmental Sciences, Special Research Scientist, Lamont-Doherty Earth Observatory, Columbia University

**Legal challenges to data censorship laws.** Katrina Fischer Kuh, Professor of Law and Associate Dean for Intellectual Life, Maurice A. Deane School of Law at Hofstra University

**How can we motivate our citizen scientists? A New York City-based case study of water quality citizen science.** Rebecca Gibson and David Farnham, Department of Earth and Environmental Engineering, Columbia University.