Agenda – Day 2

DAY 2: WEDNESDAY, november 20, 2019

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| 7:30 AM | Registration | |
| Concurrent Sessions 3 | | |
|  | Fentanyl Detection & Cleanup  York Room  Session Chairs:   * John Archer | *U.S. Environmental Protection Agency* * Lawrence Kaelin | *U.S. Environmental Protection Agency* | Water Infrastructure Protection & Decontamination  Stratford Room  Session Chairs:   * Anne Mikelonis | *U.S. Environmental Protection Agency* * Katherine Ratliff | *U.S. Environmental Protection Agency* |
| 8:00 AM | Scenario Specific Opiate Detector Selection  Evan Durnal | MRIGlobal | (Un)expected Water Contamination Research  Matthew Magnuson, Jeffrey Szabo | U.S. Environmental Protection Agency |
| 8:25 AM | Evaluation of Environmental Fentanyl Contamination and Sampling Effects for Remediating Affected Areas  Stuart Willison | U.S. Environmental Protection Agency | Microbial Inactivation by Peracetic Acid in Sewage and Feces to Optimize Disinfection of Highly Infectious Waste Waters  Collin Knox Coleman | University of North Carolina at Chapel Hill |
| 8:50 AM | Decontaminant Reactivity Screen with Select Fentanyls  Amanda Schenning | U.S. Army Combat Capabilities Development Command | The PFAS Effluent Treatment System (DETS): Design, Construction, and Testing  Jacob Lalley | U.S. Army Engineer Research and Development Center |
| 9:15 AM | Surface Decontamination Options for a Fentanyl Contaminated Building Interior  Lukas Oudejans | U.S. Environmental Protection Agency | Disinfection of *Legionella pneumophila* within Drinking Water Biofilms Using Various Treatment Technologies  Jeffrey Szabo | *U.S. Environmental Protection Agency* |
| 9:40 AM | BREAK | |
| Concurrent Sessions 4 | | |
|  | Biological Agent Sampling & Analysis Methods  York Room  Session Chairs:   * Sanjiv Shah | *U.S. Environmental Protection Agency* * Sarah Taft | *U.S. Environmental Protection Agency* | Technology & Software Supporting Disaster Response  Stratford Room  Session Chairs:   * Stuart Willison | *U.S. Environmental Protection Agency* * Paul Lemieux | *U.S. Environmental Protection Agency* |
| 10:00 AM | Feasibility of a Bioaerosol Sampling Network to Measure Resuspended Spores  Jonathan Thornburg | RTI International | A Virtual Reality Platform for Training Personnel on Biological Surface Sampling Techniques  Ellen Shumaker | *RTI International* |
| 10:25 AM | Comparison of Sampling Methods for an Extended Duration Outdoor Biological Study  Anne Mikelonis | U.S. Environmental Protection Agency | An Introduction to the U.S.-EPA CompTox Chemicals Dashboard – Web-Based Access to Data for ≈900,000 Chemicals  Antony Williams | U.S. Environmental Protection Agency |
| 10:50 AM | Development of an Improved Concrete Testing Coupon for Recovery of Viruses in Quantitative Carrier and Decontamination Efficacy Tests  Lindsay Gabbert | Plum Island Animal Disease Center | An Open Source Quick Response System for Tracking Personnel and Resources  Jonathan Pettit | U.S. Environmental Protection Agency |
| 11:15 AM | Evaluation of Analytical Methods for the Detection of *Bacillus anthracis* Spores: Compatibility with Real-World Samples Collected from Outdoor and Subway Surfaces  Scott Nelson | Battelle | A GIS Application for Developing Biological Sampling Designs and Estimating Resources Necessary for Implementation  Colin Hayes | Eastern Research Group, Inc. |
| 11:40 AM | LUNCH | |
| Concurrent Sessions 5 | | |
|  | Beyond Water Infrastructure  York Room  Session Chairs:   * Jeff Szabo | *U.S. Environmental Protection Agency* * Stuart Willison | *U.S. Environmental Protection Agency* | Biological Agent Decontamination  Stratford Room   * Gary Flory | *Virginia Department of Environmental Quality* * Shannon Serre | *U.S. Environmental Protection Agency* |
| 1:00 PM | Using Stormwater Models to Inform Recovery Efforts Following a Wide-Area Contamination Incident  Katherine Ratliff | U.S. Environmental Protection Agency | Decontamination Studies Related to Vehicles in a Biologically-Contaminated Wide Area: Interior Vehicle Decontamination Using Vapor Phase Hydrogen Peroxide  William Richter | Battelle |
| 1:25 PM | Wash Penalty Factors: Insight into the Effects of Water Wash Down of Building Materials for RN Decontamination  Michael Kaminski | Argonne National Laboratory | Virucidal Efficacy of DiKlor® Chlorine Dioxide on Diverse Vehicle Surface Materials in an Automated Commercial Truck Wash under Field Conditions  Julian Rosenberg | Sabre Companies |
| 1:50 PM | Logistics Modeling of a Wide Area Decontamination Operation Using Wash Down Techniques  Katherine Hepler | Argonne National Laboratory | Decontamination of Category A Viruses on Porous Surfaces and Sensitive Equipment Using Chloride Dioxide  Daniel Lorch | METSS Corporation |
| 2:15 PM | Water-On-Wheels (WOW) Emergency Water Treatment System Cart  James Goodrich | U.S. Environmental Protection Agency | Novel Methods for Environmental Remediation of *Bacillus* Species  Christine Tomlinson | *U.S. Environmental Protection Agency* |
| 2:40 PM |  | ANNOUNCEMENT: Call for a CBRN Mitigation and Recovery International Technical Working Group  Michael Kaminski | Argonne National Laboratory |
| Technology Café & Poster Session  York, Stratford, & Providence Rooms | | |
| 2:45–5:30 PM | Join us in the York and Stratford Rooms to view posters, interact with poster presenters, and review posters as part of the student poster competition, and the Providence Room to view technical demonstrations to gain hands-on experience with some of the technology discussed at the conference. | |
| 5:30 PM | DAY 2 ADJOURNS | |