Agenda – Day 2

DAY 2: WEDNESDAY, november 20, 2019

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| 7:30 AM | Registration |
| Concurrent Sessions 3 |
|  | Fentanyl Detection & CleanupYork RoomSession Chairs: * John Archer | *U.S. Environmental Protection Agency*
* Lawrence Kaelin | *U.S. Environmental Protection Agency*
 | Water Infrastructure Protection & DecontaminationStratford Room Session Chairs:* Anne Mikelonis | *U.S. Environmental Protection Agency*
* Katherine Ratliff | *U.S. Environmental Protection Agency*
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| 8:00 AM | Scenario Specific Opiate Detector SelectionEvan Durnal | MRIGlobal | (Un)expected Water Contamination ResearchMatthew Magnuson, Jeffrey Szabo | U.S. Environmental Protection Agency |
| 8:25 AM | Evaluation of Environmental Fentanyl Contamination and Sampling Effects for Remediating Affected AreasStuart Willison | U.S. Environmental Protection Agency | Microbial Inactivation by Peracetic Acid in Sewage and Feces to Optimize Disinfection of Highly Infectious Waste WatersCollin Knox Coleman | University of North Carolina at Chapel Hill |
| 8:50 AM | Decontaminant Reactivity Screen with Select FentanylsAmanda Schenning | U.S. Army Combat Capabilities Development Command | The PFAS Effluent Treatment System (DETS): Design, Construction, and TestingJacob Lalley | U.S. Army Engineer Research and Development Center |
| 9:15 AM | Surface Decontamination Options for a Fentanyl Contaminated Building InteriorLukas Oudejans | U.S. Environmental Protection Agency | Disinfection of *Legionella pneumophila* within Drinking Water Biofilms Using Various Treatment TechnologiesJeffrey Szabo | *U.S. Environmental Protection Agency*  |
| 9:40 AM | BREAK |
| Concurrent Sessions 4 |
|  | Biological Agent Sampling & Analysis MethodsYork RoomSession Chairs:* Sanjiv Shah | *U.S. Environmental Protection Agency*
* Sarah Taft | *U.S. Environmental Protection Agency*
 | Technology & Software Supporting Disaster ResponseStratford RoomSession Chairs:* Stuart Willison | *U.S. Environmental Protection Agency*
* Paul Lemieux | *U.S. Environmental Protection Agency*
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| 10:00 AM | Feasibility of a Bioaerosol Sampling Network to Measure Resuspended SporesJonathan Thornburg | RTI International | A Virtual Reality Platform for Training Personnel on Biological Surface Sampling TechniquesEllen Shumaker | *RTI International* |
| 10:25 AM | Comparison of Sampling Methods for an Extended Duration Outdoor Biological StudyAnne Mikelonis | U.S. Environmental Protection Agency | An Introduction to the U.S.-EPA CompTox Chemicals Dashboard – Web-Based Access to Data for ≈900,000 ChemicalsAntony 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 TestsLindsay Gabbert | Plum Island Animal Disease Center | An Open Source Quick Response System for Tracking Personnel and ResourcesJonathan 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 SurfacesScott Nelson | Battelle | A GIS Application for Developing Biological Sampling Designs and Estimating Resources Necessary for ImplementationColin Hayes | Eastern Research Group, Inc. |
| 11:40 AM | LUNCH |
| Concurrent Sessions 5 |
|  | Beyond Water InfrastructureYork RoomSession Chairs:* Jeff Szabo | *U.S. Environmental Protection Agency*
* Stuart Willison | *U.S. Environmental Protection Agency*
 | Biological Agent DecontaminationStratford Room* Gary Flory | *Virginia Department of Environmental Quality*
* Shannon Serre | *U.S. Environmental Protection Agency*
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| 1:00 PM | Using Stormwater Models to Inform Recovery Efforts Following a Wide-Area Contamination IncidentKatherine Ratliff | U.S. Environmental Protection Agency | Decontamination Studies Related to Vehicles in a Biologically-Contaminated Wide Area: Interior Vehicle Decontamination Using Vapor Phase Hydrogen PeroxideWilliam Richter | Battelle |
| 1:25 PM | Wash Penalty Factors: Insight into the Effects of Water Wash Down of Building Materials for RN DecontaminationMichael Kaminski | Argonne National Laboratory | Virucidal Efficacy of DiKlor® Chlorine Dioxide on Diverse Vehicle Surface Materials in an Automated Commercial Truck Wash under Field ConditionsJulian Rosenberg | Sabre Companies |
| 1:50 PM | Logistics Modeling of a Wide Area Decontamination Operation Using Wash Down TechniquesKatherine Hepler | Argonne National Laboratory | Decontamination of Category A Viruses on Porous Surfaces and Sensitive Equipment Using Chloride DioxideDaniel Lorch | METSS Corporation |
| 2:15 PM | Water-On-Wheels (WOW) Emergency Water Treatment System CartJames Goodrich | U.S. Environmental Protection Agency | Novel Methods for Environmental Remediation of *Bacillus* SpeciesChristine Tomlinson | *U.S. Environmental Protection Agency* |
| 2:40 PM |  | ANNOUNCEMENT: Call for a CBRN Mitigation and Recovery International Technical Working GroupMichael Kaminski | Argonne National Laboratory |
| Technology Café & Poster SessionYork, 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 |