

Rapid Poster Presentations | APHL/CDC Fellows

Monday, May 6, 3:00–3:30 pm

Moderator: Robert Nickla, RBP, M(ASCP), Association of Public Health Laboratories

- P-37 Optimization of Specimen Submission for Patients with Known Tuberculosis in the State of Georgia**
Blake Bertrand, Centers for Disease Control and Prevention, uqn7@cdc.gov
- P-39 The Use of Wastewater Surveillance for the Detection and Monitoring of SARS-CoV-2 Variants**
Rakin Choudhury, Centers for Disease Control and Prevention, uec4@cdc.gov
- P-46 Past, Present and Future of Public Health Laboratory Information Systems**
Alyssa Harvey, Centers for Disease Control and Prevention, thy8@cdc.gov
- P-50 Establishing Surge Capacity Infrastructure for Whole Genome Sequencing During Healthcare-associated Infection Outbreaks**
Frances Knight, Centers for Disease Control and Prevention, uqo5@cdc.gov
- P-57 Evaluating Bioinformatics Approaches for Fungal Pathogen Detection with Targeted Metagenomics**
Zachary Mudge, Centers for Disease Control and Prevention, xnv5@cdc.gov
- P-67 Effects of Culture Independent Diagnostic Testing on Enteric Disease Surveillance — Wisconsin, 2018–2023**
Annie Sanchez, Centers for Disease Control and Prevention, uqp0@cdc.gov
- P-68 Use of Training and Functional Drills to Improve Response to Medical Emergencies in the Laboratory**
Sabrina Schatzman, Centers for Disease Control and Prevention, qan6@cdc.gov
- P-77 Evaluating the Suitability of the Seegene Novaplex PCR System for Respiratory Pathogen Surveillance in Minnesota**
Emily Yarosz, Centers for Disease Control and Prevention, emily.yarosz.contractor@state.mn.us
- P-81 Using Wastewater Surveillance for Mpox as a Complement to Traditional Case-based Reporting — Chicago, March–June 2023**
Dorothy Foulkes, Chicago Department of Public Health, dorothea.foulkes@cityofchicago.org
- P-93 PFAS Detection in Frozen Water**
John Fennessey, Colorado Department of Public Health and Environment, john.fennessey@state.co.us
- P-121 Validation of a Heat-inactivation Protocol for *Mycobacterium tuberculosis* Identification by MALDI-TOF Mass Spectrometry**
Lauren Franco, Indiana University School of Medicine, laurencfranco@gmail.com
- P-128 Detecting Nosocomial Spread of *Candida auris* by Strain-typing with Whole Genome Sequencing**
Shannon Murphy, Johns Hopkins Medicine, shannon.murphy.microbe@gmail.com
- P-133 Forever Chemicals in Drinking Water: Two Fellows' Perspective on Testing for Per- and Polyfluoroalkyl Substances in a Public Health Laboratory**
Nicholas Brinza, Maryland Department of Health — Laboratories Administration, nbrinza004@gmail.com

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- P-145 A Tale of Two Pathotypes: Increasing Surveillance for Enteroaggregative and Enterotoxigenic *Escherichia coli* in Minnesota**
Emily Verbrugge, Minnesota Department of Health,
Emily.Verbrugge.Contractor@state.mn.us
- P-149 Canine Tickborne Diseases in Montana — A Serology Study Using Indirect Fluorescence Antibody (IFA) Assays**
Geneka Glover, Montana Veterinary Diagnostic Laboratory, glover.geneka@yahoo.com
- P-164 Updates On the Implementation of New Jersey's First Statewide Biomonitoring Population Study: NJHANES**
Esohe Irabor, New Jersey Public Health Environmental Laboratories,
esohe.irabor@doh.nj.gov
- P-171 Validation of a Combined Analytical Method Testing for Toxic Metals in Urine: Improving Laboratory Efficiency and Implications for Biomonitoring Use**
Aurora Mills, New Jersey Public Health Environmental Laboratories,
aurora.mills@doh.nj.gov
- P-173 The Method Development of a Qualitative Analysis for the Testing of Drugs of Abuse by UHPLC-MS/MS in Human Urine**
Nkemdili Nebeolisa, New Jersey Public Health Environmental Laboratories,
nkemdili.nebeolisa@doh.nj.gov
- P-177 Optimization of Fish Homogenization Procedures for EPA Method 1633 to Measure Per- and Polyfluoroalkyl Substance (PFAS) in Fish**
Shenelle Shaw, New Jersey Public Health Environmental Laboratories,
shenelle.shaw@doh.nj.gov
- P-206 Emerging Insights on Postbiotics for the Prevention of Infectious Diseases**
Hedayat Hosseini, San Mateo Public Health Laboratory, hedayat.s.hosseini@gmail.com
- P-211 In the Jungle, Welcome to the Fungal — Hologic Panther's® Got What You Need**
Megan Ahmann, State Hygienic Lab at the University of Iowa, megan-ahmann@uiowa.edu
- P-231 Wastewater-based Disease Forecasting for Respiratory Viruses: Advances and a Glimpse into the Future**
Amna Elbadawi, University of Texas Health Science Center at Tyler- PHLET,
amnaelbadawi18@gmail.com
- P-233 Tick Talk: Establishment of Surveillance Capacity for Ticks and Tick-borne Diseases in Utah**
Kaona Ayres, Utah Public Health Laboratory, knayres2@gmail.com
- P-255 Validation of a Molecular Workflow to Identify the Diphtheria Exotoxin Gene in *Corynebacterium* Species**
Andy Chia, Washington State Department of Health, andy.chia@doh.wa.gov
- P-269 Implementation of NG-Test CARBA5 and CHROMagar-mSuperCARBA to Streamline Isolate Testing and Colonization Screening of Carbapenemase-Producing Organisms at Wisconsin State Laboratory**
Saba Shama, Wisconsin State Laboratory of Hygiene, Saba.Shama@slh.wisc.edu
- P-272 Analysis of Total Lead in Retail Juice Samples**
Indiana Department of Health Laboratories
John Chisholm, Indiana Department of Health Laboratory, jjchisholm@yhc.edu