



**Joint Fall Meeting-CAFPA/ASM Washington, D.C. Branch
October 18, 2024
Howard University**



Start	End	Description
9:00 am	9:45 am	Check-In
10:00 am	10:15 am	Welcome Dr. Karl Thompson President, DC Branch of ASM
10:15 am	11:15 am	Invited Speaker Integrating Wastewater and Clinical AMR Sequencing: A Holistic Approach to Antimicrobial Resistance Detection Dr. Eric Vaughn D.C. Department of Forensic Sciences-Public Health Laboratory
11:15 am	12:25 pm	Lightning Talks and Longer Talks 11:15 am-Ananya Hota-SroA Modulates The Levels of Staphyloxanthin Pigment in Staphylococcus aureus 11:20 am-Mansi Srivastava-LoaP Regulated Operons in Diverse Bacterial Groups 11:25 am-Conor Jenkins-Investigating LoaP's Effect on the Proteome and Secondary Metabolite Production by Mass Spectrometry 11:30 am-Victoria (Tori) Klein-Pyrrole-Imidazole Alkaloids: Elucidating Their Mechanism of Action 11:45-11:50 pm-Questions for speakers 11:50 am-Anindita Saha-The Missing Link: Unlocking the Impact of Uncharacterized msh Genes on Vibrio cholerae MSHA Pilus Biogenesis 11:55 am-Catherine (May May) Hubbard-Enterococcal Strains' Adaptations to Host Immune Response and Fibrinolytic Activity 12:00 pm-Leah Osei-Per- and Polyfluoroalkyl Substances (PFAS) Induced Mitochondrial Dysfunction and Aging in Neuroblastoma Cells 12:05 pm-Zeyang Shen-Characterizing Skin Microbiome and Genetic Interactions in Infant Atopic Dermatitis 12:20-12:25 pm-Questions for speakers
12:30 pm	1:25 pm	Lunch (provided)

1:30 pm	2:30 pm	<p>1:30 pm-Nour El Husseini-Strain Specific Outcomes of Pseudomonas aeruginosa Catheter-associated Urinary Tract Infections</p> <p>1:35 pm-Santhosh Pedada-Novel Role of DUF2975-Domain Genes in Pseudomonas aeruginosa Biofilm Development and Catheter-Associated Infections.</p> <p>1:40 pm-Benjamin Liu-Identification and Characterization of an Invasive, Hyper-aerotolerant Campylobacter jejuni from a Blood Culture of a Pediatric Leukemia Patient</p> <p>1:55 – 2:00 pm-Questions for Speakers</p> <p>2:00 pm- Katie Sprinkel-Role of carA-carB-pyrB Operon in Francisella novicida U112 Biofilm Formation</p> <p>2:05 pm-Pratima Gautam-Long-read Metagenomics Uncovers the Taxonomic and Functional Profile of Marine Bacteria Colonizing Copper Surfaces</p> <p>2:10 pm-Isabel Walls-Impact of Climate Change on Microbial Food Safety</p> <p>2:25-2:30 pm-Questions for speakers</p>
2:30 pm	2:45 pm	Break and RAFFLE
2:45 pm	3:45 pm	<p>Invited Speaker Metagenomics for Food Safety: an FDA Perspective on Applications, Priorities, Challenges, and Limitations Dr. Christopher Grim Human Foods Program U.S. Food and Drug Administration</p>
3:45 pm	4:00 pm	<p>Concluding Remarks Liz Reed/Bob Ferguson President/Vice President CAFPA</p>
4:45 pm		Networking, Career Panel, and Social Mixer