



**ASM Washington, D.C. Branch**  
**April 25, 2025**  
**Howard University**



Start	End	Description
9:00 am	9:45 am	<b>Check-In</b>
10:00 am	10:15 am	<b>Welcome</b> Dr. Karl Thompson President, DC Branch of ASM
10:15 am	10:45 am	<b>Advocating for Science in Uncertain Times</b> Allen Segal, J.D. Chief Strategy and Public Affairs Officer for the American Society for Microbiology
11:00 am	12:35 pm	<p><b>Lightning Talks and Early Career Talks</b></p> <p><b>11:00 am- Vani Pande</b>-Cell wall cue for the subcellular localization of a transmembrane protein in <i>Bacillus subtilis</i></p> <p><b>11:15 am-Amena A. Rizk</b>-Bacterial lipoprotein remodeling: mediator of copper resistance and immune evasion</p> <p><b>11:20 am- Cierra Wilson</b>-Ribosome deficiency induces <i>Salmonella</i> filamentation within host cells</p> <p><b>11:25 am- Audrey Twyford</b>-Impact of polymicrobial interactions on <i>Pseudomonas aeruginosa</i> gene expression</p> <p><b>11:30 am-Marcelle C. dos Santos Ferreira</b>-Exploring the role of MbcS-dependent branched-chain fatty acid synthesis in <i>Staphylococcus aureus</i></p> <p><b>11:35 am-Aryaan P. Duggal</b>-A comprehensive and synergistic approach to killing <i>Serratia marcescens</i></p> <p><b>11:40 am-Olivia K. Sconyers</b>-Unraveling the phosphorylation dynamics of RssB: implications for RpoS regulation and bacterial general stress response in <i>Escherichia coli</i></p> <p><b>11:45 am-Aditi M. Ranade</b>-IS1 mediated chromosomal amplifications as an adaptive strategy in <i>E. coli</i> B: polymyxin B heteroresistance and beyond</p> <p><b>11:50 pm-Emily Vogtmann</b>-The oral microbiome and all-cause mortality in the US population</p> <p><b>12:05 pm- Giovanni Herrera</b>-The oral microbiome is not associated with the risk of post-menopausal breast cancer in the NIH AARP Diet and Health study</p> <p><b>12:20-12:35 pm-Questions for speakers</b></p>
12:35 pm	1:25 pm	<b>Lunch (provided)</b>
1:30 pm	2:35 pm	<p><b>1:30 pm- Michael Harpole</b>-Optimization of a Roche Cobas® Utility Channel Assay for <i>Borrelia</i> species on the Applied Biosystems 7500 qPCR Instrument</p> <p><b>1:45 pm-Erin M. Taylor</b>-Diagnostic panel evaluation and workflow assessment of the respiratory flex assay on the Diasorin Liaison Plex®</p>

		<p><b>1:50 pm-Darnell Davis-Rapid detection of active coronavirus infection by lateral flow test strips: a new approach to distinguishing replicating viruses from non-replicating viruses</b></p> <p><b>1:55 pm-Anna Brover-Recovery of Salmonella in environmental waters using backflush solutions and dead-end filtration filters</b></p> <p><b>2:00 pm-Jarin Taslem Mouroso-CRISPR Engineering of bacteriophage T4 nanoparticle as a next-generation Flavivirus vaccine design platform</b></p> <p><b>2:05 pm-Prakash Sah-Chlamydia trachomatis putative chromosome partitioning system ParABS: In silico analysis and CRISPi mediated knockdown</b></p> <p><b>2:20 pm-Anna Tsioulis-Investigating the role of Pdc12 in regulating THI gene transcription in Candida albicans</b></p> <p><b>2:25 pm-Emmanuel Olotu-New and unexpected findings in the metabolism of inositol pyrophosphate in Candida albicans</b></p> <p><b>2:30 pm-Giulia M. Mascelli-Identification of the essential proteins for N-acetylglucosamine transport and metabolism by the Gram-negative saprophyte Cellvibrio japonicus</b></p> <p><b>2:35 pm-Jessica K. Novak-Switchgrass deconstruction by Cellvibrio japonicus utilizes two carbohydrate-binding proteins</b></p>
2:40 pm	2:55 pm	<b>Questions for speakers, T-shirt Raffle @2:55 pm</b>
3:00 pm	4:00 pm	<p><b>ASM Distinguished Lecturer</b></p> <p><b>The challenges of antibacterial drug discovery, development, and commercialization</b></p> <p>Dr. Jennifer Leeds Owner, JAL Consulting</p>
4:00 pm	4:15 pm	<p><b>Concluding Remarks/ New Officers &amp; Business Meeting</b></p> <p>Dr. Karl Thompson, President, DC Branch of ASM</p>
~4:30 pm		<b>Networking, Career Panel, and Social Mixer</b>

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*Branch T-shirts for sale during the meeting!-\$10*



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