



CHARMED
 Community Health: Addressing
 Regional Maryland Environmental
 Determinants of Disease

Community-Engaged Exposomics With an Environmental Justice Lens

DRAFT 2024 NIEHS EHSCC MEETING AGENDA

Hosted by CHARMED
 EHSCC Meeting
 Sept. 23-25, 2024 | Hyatt Regency | 300 Light Street, Baltimore, MD, 21231

Monday, September 23
Community Exposomics

Time Eastern Daylight Savings	Science Sessions	Community Engagement Cores (CEC)	Business Administrators (BA)
7:45-8:30	Check-in- Location Breakfast Available until 8:30 am- <i>LOCATION</i>		
8:30am-10:30am	<p>Opening Session: Welcome, Keynote Addresses, Q&A- location Welcome: Marsha Wills-Karp, Johns Hopkins School of Public Health (CHARMED) NIEHS Core Center Directors: Claudia Thompson and Liam O’Fallon</p> <p>Plenary Session A– <i>“Just Exposome: Integration of science, community, and policy”</i>. Description – the goal of this session is to give attendees a sense of the overall meeting theme and direction. Identify scientific, community engaged, and translational opportunities for the EHS Core Center Program</p> <p>Keynote Speakers:</p> <ul style="list-style-type: none"> • Rick Woychik, PhD, Director, National Institute of Environmental Health Sciences • EPA Representative-TBA • Vernice Miller-Travis • Proposed: Community Member-TBA <p>Goal to highlight the local and legacy EJ and EHD issues. Cumulative impacts, etc. Helps to set tone for data to knowledge to action</p>		



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10:30am-11:00 am	BREAK		
	Science Session	CEC	BA
11:00am-12:30pm	PLENARY SESSION B: COMMUNITY EXPOSOMICS Description: Hear from 3-4 Centers (co-presentations) that have been bringing their scientific expertise, tools, skills to address the community identified questions/concerns/cumulative impacts. (Power of language communication (role of CECs), Inclusive language) Co-Chairs/Speakers: Chris States (UL) and Jeanette Stingone (Columbia) Chris States/Ted Smith Maida Galvez/Melanie Pearson/Erin Lebow-Skelley		TBA
12:30pm-1:30pm	LUNCH		
	Science Session	CEC	BA
1:30pm-3:00pm	INNOVATIVE MULTI-OMICS APPROACHES OF CUMULATIVE EXPOSURE ASSESSMENT. (e.g. high-resolution metabolomics, MS-tissue imaging, proteomics, flow cytometry, epigenetics, adductomics) Session Chairs- Jim Feng (UNM), Lida Chatzi (USC)	Shuttle Bus: Community Tour	Grant Management Policies & Practices- James Williams- NIEHS
3:00pm-3:30pm	BREAK	Community Tour	Break
3:30pm-5:30pm	NEW INFORMATIC APPROACHES (AI, ML, STATISTICAL MIXTURE	Community Tour	BA-TBD



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	<p>ANALYSES) TO COMMUNITY-BASED EXPOSOME DISCOVERY</p> <p>Integration of multi-dimensional environmental exposure data with omics, health, community, social and psychosocial data</p> <p>Session Chairs: Doug Walker (Emory), Jessie Buckley (UNC)</p>		
<p>6:30pm-</p>	<p>Shuttle Bus/Walk Reception at Reginald Lewis Museum Heavy Appetizers Community Forum-Dr. Rick Woychik</p>		

Tuesday, September 24		
<p>7:45am-8:30am</p>	<p>BREAKFAST</p>	
	<p>Science Sessions/CEC</p>	<p>BA</p>
<p>8:30am-9:30am</p>	<p>NEW INVESTIGATOR SPOTLIGHT- OPEN TOPICS</p> <p>Co-leads: Mark Weisskopf (Harvard), Martha Susiarjo (Univ. Rochester)</p>	
<p>9:30am-10:30am</p>	<p>COMMUNITY INCLUSIVE ENVIRONMENTAL EXPOSURE MONITORING</p> <p>Targeted/non-targeted chemical analysis, wastewater, air (mobile monitoring), biosoils, monitoring in communities.</p>	<p>BA</p>



	<p>(e.g., Low-costs stationary sensors, satellite remote sensing, Mobile Monitoring, GPS-enabled smartphones)</p> <p>Co-Chairs: Luz Hunington-Moskos (UL), Gary Adamkiewicz (Harvard)</p>	
10:30am-11:00am	BREAK-NETWORKING ESI- MATCH-MAKING	
11:00am-12:30pm	<p>TRANSLATING EVIDENCE TO POLICY/ADVOCACY/IMPACT</p> <p>Discussion of how science has helped to inform cumulative impacts and Environmental Justice policies. What exposome science/research will be needed moving forward and how must science partner with communities to ensure a just exposome? Highlight fundamental research, data, community engagement, and translation.</p> <p>Co-chairs: Ami Zota (Columbia), Carrie Leach (Wayne State) Rashmi Joglekar (UCSF)</p>	BA
12:30pm-1:30pm	LUNCH	
1:30pm-3:00pm	<p>EXPOSOMICS IN CLIMATE CHANGE AND DISASTER RESPONSE RESEARCH WITH AND FOR COMMUNITY (discuss complex mixtures, EJ exposures, community engagement and report-back)</p> <p>Co-chairs: Erin Haynes (UK), Trevor Penning (UPENN)</p> <p>Opening Remarks (including funding opportunities (Penning))</p> <p>Climate Change and Disasters – Community Perspective -Panel Discussion Moderated by Haynes (40 mins)</p>	BA



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	<p>Each panelist gives 5-7 min summary Community: Philadelphia flooding, Brenda Whitfield (CONFIRMED) Community: East Palestine, Misti Allison (CONFIRMED) Community: call to other Centers (Shawanda Campbell) Open Discussion with Audience and Panel</p> <p>Infomercial (5 mins): RAPIDD – instruments/tools borrow resource/ NIEHS funded (CONFIRMED Joe Wartman)</p> <p>Climate Change and Disaster Response Science – Scientific perspective -Panel Discussion Moderated by Penning Each panelist gives 5-7 min summary Larry Engle – UNC, Gulf Study (CONFIRMED) Joe Hoover - SCORCH P20 University of Arizona (CONFIRMED or alternant and will finance) Rima Habre, ScD (USC) (confirmed)</p> <p>Open Discussion with Audience and Panel</p> <p>Infomercial (5 mins): CHORDS – new data infrastructure/map portal, NIEHS Closing (Haynes)</p>	
<p>3:00-3:30pm</p>	<p>BREAK</p>	
<p>3:30pm-5:00pm</p>	<p>ENVIRONMENTAL HEALTH DISPARITIES AND ENVIRONMENTAL JUSTICE RESEARCH: Successes-community engaged research-best practices</p>	<p>BA</p>



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	Paloma Beamer (Arizona), Sacoby Wilson (JHU-UMD)		
5:00-6:15pm	NETWORKING AND POSTER SESSION (HAPPY HOUR)- PHOTO SHOOT Mark Weisskopf (Harvard), Martha Susiarjo (Univ. Rochester)		
6:30pm	DINNER ON YOUR OWN		
Wednesday, September 25			
7:45-8:30am	BREAKFAST		
8:30-9:30am	NIEHS STAFF- Center Directors, CEC Directors, BA Meeting to discuss RPPRs and human subjects reporting and new budget procedures		
	Science Session	CEC	BA
9:30am-10:30am	CAREER DEVELOPMENT PRESENTATIONS/ Center Directors share innovative approaches. Co-Chairs- Blanca Himes (UPenn) Nicholas Kenyon (UC DAVIS) Rebecca Simmons (UPenn)	CEC Best Practices Sharing I Co-organizers Liam O'Fallin Chris Heaney Sacoby Wilson	
10:30am-11:00am Break and Hotel Check-out			
11:00-12:00am	NIEHS DIRECTOR AND CENTER DIRECTORS MEETING Dr. Rick Woychik	CEC	BA
12:00am-12:30pm	BIAS IN RESEARCH METHODS WORKING GROUP Emily Ho (Oregon State)		



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	Diana Rohlman (Oregon State) Workshop		
12:30pm-1:45pm	Joel Kauffman-Discussion of EHP BOXED LUNCH		
1:45pm-2:45pm	ON THE HORIZON: MICROPLASTICS SCIENCE TO GLOBAL POLICY Chair: Matt Campen (UMN) Eliseo Castillo (UMN)	CEC Best Practices Sharing II Co- organizers Liam O’Fallin Chris Heaney Sacoby Wilson	BA
2:45pm-3:00pm	CLOSING REMARKS: 2025 EHSCC MEETING ANNOUNCEMENT Claudia Thompson /Liam O’Fallin Comments Marsha Wills-Karp CHARMED ADJOURN DEPARTURE		