ISES 2021 Virtual Meeting
Multisector Engagement for Addressing Emerging Environmental Exposures
August 30th - September 2nd, 2021

SCHEDULE AT-A-GLANCE

Our ISES 2021 Virtual Meeting provides a unique opportunity to network with colleagues, develop new relationships, and learn about of the most recent research activities in our field. Our conferences are organized to promote an open exchange of new ideas across disciplines, and to provide a forum for broad interactions among participants.

80+ KNOWLEDGEABLE SPEAKERS

150+ SESSIONS AND WORKSHOPS

25+ NETWORKING SESSIONS

REGISTER TODAY
MONDAY AUG 30

Networking | 10:00 - 11:00 AM EST
First-Time Attendee & Conference Award Winner Networking Event
Student New Researcher/Mentor Speed Networking

11:00 - 11:30 AM EST
Break Sponsored by American Cleaning Institute

Plenary | 11:30 AM - 1:00 PM EST

Main Stage Opening Plenary - Welcome
Presented by: Dr. Erin Haynes, ISES Meeting Co-Chair; Liam O’Fallon, ISES Meeting Co-Chair; and Dr. Aubrey Miller, ISES Meeting Co-Chair

Collaboration to Advance Health Equity
Presented by: Peggy Shepard, Co-founder and Executive Director of WE ACT for Environmental Justice

1:00 - 1:05 PM EST
Break Sponsored by American Cleaning Institute

Symposiums

1:05 - 2:35 PM EST
A Rapid Response to COVID-19, Using Exposure Science Fundamentals to Mitigate Risk
Presented by: Brian Buckley, Gedi Mainelis, Dana Barr, Howard Kipen

Assessing Cumulative Environmental Exposures to Improve Health and Justice: Engaging Multi-Sectors 5 Years After the Lautenberg Amendments
Presented by: Patricia Koman, Stephanie Eick, Jonathan Levy, Tracey Woodruff

Addressing Take Home Exposures
Presented by: Diana Ceballos, Grant Tore, Julia Noguchi, Jose Suarez

Consumer Product Use and Exposure in Under-Represented Communities
Presented by: Marissa Chan, Kristin Isaacs, Paula Johnson, Robin Dodson, Ami Zota, Tim Buckley, Zifan Wang

2:35 - 3:00 PM EST
Break Sponsored by American Cleaning Institute

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**Systemic Racism Environmental Health Disparities Research**
Moderated by: Dr. Robert Bullard

**Federal Panelists**
Presented by: Rick Woychick, NIEHS; Pat Breysse, NCEH/ATSDR; Annette Guiseppi-Elie, EPA; Paul Schulte, NIOSH

**Researcher Panelists**
Presented by: Tamarra James Todd, Harvard; Ami Zota, George Washington University; Karletta Chief, University of Arizona

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**4:30 - 5:00 PM EST**
Break Sponsored by American Cleaning Institute

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**5:00 - 6:00 PM EST**
Emerging Tools for Estimating Aggregate Exposure

**Poster Session**

**6:00-7:00 PM EST**
Poster Session #1 - Student Competition

**Networking**

**7:00 - 8:00 PM EST**
Student New Researcher Networking - Register HERE!

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**Symposiums**

**TUESDAY AUG 31**

**5:00 - 6:00 PM EST**
Urban Oil Drilling: From Community to Research to Action
Presented by: Jill Johnston, Bhavna Shamasunder, Sandy Navarro, Marissa Chan, Kristen Okorn

Measuring Exposure to Particulate Matter from Secondhand Marijuana Smoke
Presented by: Suzaynn Schick, Lance Wallace, Wayne Ott

**Symposium | 6:00 - 7:30 AM EST**
Exposure Models, Datasets and Application Health Study (1)
Presented by: Xiaoli Duan, Shoji Nakayama

**Networking | 8:00 - 8:45 AM EST**
Women’s Networking Event

Affinity Discussion Group
8:00 - 8:45 AM EST
Asian Black/African
| Time          | Session                                                                 | Presenters                                                                 | Special Thanks
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<tbody>
<tr>
<td>9:00 - 10:05 AM EST</td>
<td>Plenary</td>
<td>Main Stage Plenary</td>
<td>Clean Air Actions and Health Plans in China</td>
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<tr>
<td>10:05 - 10:15 AM EST</td>
<td>Break</td>
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<tr>
<td>10:15 - 11:45 AM EST</td>
<td>Symposia</td>
<td>Application of Real-Time Monitoring Technologies in the Workplace</td>
<td>Eelco Kuijpers, John Snawder, Emanuele Cauda, Jean-Philippe Gorce, Sander Ruiter</td>
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<td>11:45 AM - 12:00 PM EST</td>
<td>Poster Session</td>
<td>Chemical Exposures from Electronic Cigarettes and Their Health Effects: New Insights and Approaches</td>
<td>Maciej Goniewicz, Ahmad El Hellani, Hanno Erythropel, Mina Tehrani</td>
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<tr>
<td>12:00 - 12:30 PM EST</td>
<td>Poster Session #2</td>
<td>Disaster Research Response During COVID-19 and Beyond: Empowering Exposure Science Through Data Coordination, Funding, Academic Networks, and Exposure Science Tools</td>
<td>Aubrey Miller, Bonnie Joubert, Erin Haynes, Brian Buckley</td>
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<td>12:00 - 12:30 PM EST</td>
<td>Poster Session #2</td>
<td>Negotiating Mountains, Miles and More: Building and Sustaining Environmental Health Partnerships in Rural Appalachia</td>
<td>Beverly May, Craig Wilmhoff, Nina McCoy, Anna Hoover, Jason Unrine</td>
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intlexposurescience.org/meetings/general-information-v2
### Symposiums

**12:30 - 1:30 PM EST**

Exposure to Disinfectants Used to Combat SARS-CoV-2  
Presented by: Dingsheng Li, Amina Salamova, Panos Georgopoulos

Disparities in Environmental Exposures and Associated Respiratory Health Risks (Part 1)  
Presented by: Lesliam Quiros-Alcala, Magdalena Fandino Del Rio, Emily Brigham, Kirsten Koehler

Novel Advances in Exposure Assessment for Green Space-Health Research  
Presented by: Michael Jerrett, Payam Dadvand, Jonah Lipsitt, Pable Knobel, Matilda van den Bosch, Agatha Czekajlo

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**1:30 - 1:40 PM EST**  
Break Sponsored by American Cleaning Institute

### Activities | 2:45 - 3:45 PM EST

**Affinity Discussion Group**  
Latino/a Indigenous/Native American General Diversity, Equity, and Inclusion

Sensor Technology Fair  
Exhibit Hall/Networking

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### Symposiums

**3:45 - 5:15 PM EST**

COVID-19: The Successes and Challenges of Multi-Sector and Multidisciplinary Response Efforts  
Presented by: Amanda Wilson, Tony Saad, Marco-Felipe King, Rachael Jones

How Should We Assess the Short and Long-term Impact of Disasters on Health? Opportunities and Challenges Based on a Multi-component Study of Hurricane Harvey in Houston, Texas  

Assessment of Occupational Exposures to Multiple Exposures and Chemical Mixtures  
Presented by: Jessica Meyer, Michael Poitzsch, Janine Schwarz, Philippe Sarazin, Frederic Clerc

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### Plenary | 1:40 - 2:45 PM EST

Main Stage Plenary | Chemical Exposures and What Biomonitoring Tells Us (and Doesn’t Tell Us)  
Presented by: Dr. Antonia Calafat, Chief Organic Analytical Toxicology Branch, Division of Laboratory Sciences, National Center for Environmental Health

[link](intlexposurescience.org/meetings/general-information-v2)
5:15 - 6:15 PM EST
Informing Environmental Health Policy on Complex Mixtures: What We Need vs. What We (currently) Get From Machine Learning Methods
Presented by: Jeanette Stingone, Jennifer Bobb, Alexander Keil, Alison Krajewski, Howard Chang, A. Amina Wilkins, Kristen Rappazzo

5:15 - 6:15 PM EST
COVID-19 and Air Pollution
Presented by: Amanda Wilson, Dimosthenis Sarigiannis, Mahender Singh Rawat, Kevin Lane, Sean Mueller, Dominick Heskett

Late-Breaking Session
Presented by: Kaitlin Vollet Martin, Adrienne Katner, Linda Lara-Jacobo

Exposure to Multiple Chemicals and Stressors
Presented by: Annie St.-Amand, Olivier Jolliet, Carrie Fleming, Michael Borghese

6:15-7:00 PM EST
Break Sponsored by American Cleaning Institute

7:00-8:00 PM EST
Poster Session #3 - Asia Chapter
### Symposiums

**10:30 AM - 12:00 PM EST**

**Changes in Environmental Determinants of Disease Linked with COVID-19 Prevention and Control Measures**

Presented by: Konstantinos Makris, Ana Rule, Alberto Mateo-Urdiales, Jiawei Zhang, Xanthi Andrianou

**Emerging Environmental Exposures: Children**

Presented by: Inae Lee, Aline Murawski, Ziga Tkalec, Alison Connolly, Annie St-Amand, Jennie Lytel-Sternberg, Courtney Carignan

**Use of Low-Cost Particle Sensors to Improve Estimates of Exposure In Outdoor and Indoor Environments**

Presented by: Misti Zamora, Nancy Carmona, Jianzhao Bi, Amirhosein Mousavi, Lance Wallace, Luca Boniardi

**Dispersion Model in Air Pollution Exposure Assessment**

Presented by: Xueying Zhang, Matthew Woody, Shih Ying Chang, Meng Wang

### Networking

**12:30 - 1:00 PM EST**

**Exhibit Hall/Networking**

* Break Sponsored by American Cleaning Institute

### Symposiums

**1:00 - 2:00 PM EST**

**Novel Approaches to Exposure Assessment in Vulnerable Populations**

Presented by: Tyler Smith, Ramya Chari, David Chang, Adrian Wood

**Disparities in Environmental Exposures and Associated Respiratory Health Risks (Part 2)**

Presented by: Lydia Louis, Daniel Belz, Sonali Bose, Laura Palin

**Environmental Health Disparities**

Presented by: Flor Sandoval, Kathleen Attfield, Patrick Hurbain, Julia Rehling

### Plenary | 2:00 - 3:00 PM EST

**Main Stage Plenary**

Presented by: mark! Lopez; Community Organizer & Special Projects Coordinator

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Activities | 3:00 - 3:45 PM EST

Affinity Discussion Group
Latino/a
Black/African

Sensor Technology Fair

Symposiums

3:45 - 5:15 PM EST

Assessing Personal Exposure
Presented by: Diana Rohlman, Seung-Hyun Cho, Anna Young, Kayley DeLay, Patricia Fabian, Michael Breen, Elizabeth Lin

Novel Exposures and Biomarkers
Presented by: Kate Werry, Samantha Samon, Yan Lin, Paulina Wong, Qian Zhang, Chunxiao Sue

Harnessing Big Data in Exposure Science
Presented by: Zachary Stanfield, Tiantian Li, Cole Brokamp, Youran Tan, Ziyin Tang, Wenwei Che

5:15 - 6:15 PM EST

Exposure Susceptibility and Resilience
Presented by: Anja Stajnko, Yan Lin, Christina Fuller

Networks

8:30 - 9:15 PM EST

Women's Networking Event

THURSDAY SEPT 2

Affinity Discussion Group
8:00 - 8:45 AM EST
Asian
Indigenous/Native American

Networking | 8:00 - 8:45 AM EST
Student New Researcher/Mentor Speed Networking

8:45 - 9:00 AM EST
Break Sponsored by American Cleaning Institute

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| **Plenary | 9:00 - 10:05 AM EST** | Main Stage Plenary | Excellence in Exposure Science Award Presentations  
Presented by: Brian Curwin, Donghai Liang, Tom McKone, Michael Jerrett |
| **10:05 - 10:30 AM EST** | Break Sponsored by American Cleaning Institute |
| **10:30 AM - 12:00 PM EST** | Risk Evaluation Frameworks and Reference Values  
Presented by: Andrew Maier, Silvia Maberti, Elke Jensen |
| **Exposure Assessment** | Presented by: David Butler, Charles Bevington, Pradeep Prathibha, Jon Arnot, Samantha Samon, Annette Guiseppi-Elie |
| **Open Forums** | **10:30 AM - 12:00 PM EST** | TBD |
| **Plenary | 12:00 - 12:30 PM EST** | Main Stage Closing and Member Meeting  
Presented by: Dr. Erin Haynes, Liam O’Fallon, Dr. Aubrey Miller and Brian Curwin |

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LEARN MORE ABOUT OUR 2021 VIRTUAL EVENT
intlexposurescience.org/meetings/general-information-v2
Thank you to our 2021 sponsors

[Logos of various sponsors including HEI, Bayer, SOT (Society of Toxicology), American Cleaning Institute, American Chemistry Council, Journal of Exposure Science & Environmental Epidemiology, Agilent, RTI, and Westat]