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WORKSHOP ON INDOOR EXPOSURE TO FINE PARTICULATE MATTER AND
PRACTICAL MITIGATION APPROACHES

APRIL 14, 2021 WEBINAR – SOURCES OF INDOOR FINE PARTICULATE MATTER
(includes links to YouTube videos and to slides)

Agenda

- 11:00 am **Welcome; workshop and session goals**
Richard Corsi, PhD, PE – Planning Committee Chair
[\[video\]](#)
- 11:10 am **Sponsor remarks**
Jonathan Edwards
Director, Office of Radiation and Indoor Air, U.S. Environmental Protection Agency
[\[video\]](#)

SESSION I: OUTDOOR SOURCES OF INDOOR PARTICULATE MATTER

- 11:15 am **Introduction of session speakers**
Kimberly Prather, PhD – Session Moderator and Planning Committee Member
[\[video\]](#)
- 11:20 am **Indoor Particulate Matter of Outdoor Origin and the Disparities in Sources and Exposures Across Communities**
Cesunica Ivey, PhD
Assistant Professor, Chemical/Environmental Engineering, University of California, Riverside
[\[video\]](#) [\[slides\]](#)
- 11:40 am **Outdoor-to-Indoor Transport Mechanisms and Particle Penetration for Fine Particulate Matter**
Brent Stephens, PhD
Professor and Department Chair, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology
[\[video\]](#) [\[slides\]](#)
- 12:00 pm **Outdoor Particulate Matter Sources and the Chemical Transformations that Take Place When They Interact with the Indoor Environment**
Delphine Farmer, PhD
Associate Professor, Department of Chemistry, Colorado State University
[\[video\]](#) [\[slides\]](#)
- 12:20 am **Roundtable Discussion**
Session speakers and Planning Committee Members
Kimberly Prather, PhD – Moderator
[\[video\]](#)

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SESSION II: INDOOR SOURCES OF INDOOR PARTICULATE MATTER

- 12:55 pm **Introduction of session speakers**
Kimberly Prather, PhD – Session Moderator and Planning Committee Member
[\[video\]](#)
- 1:00 pm **Fine Particulate Matter Emissions From Cooking**
Marina Vance, PhD
Assistant Professor and McLagan Family Faculty Fellow, Department of Mechanical Engineering, University of Colorado Boulder
[\[video\]](#) [\[slides\]](#)
- 1:20 pm **Secondary Aerosol Formation of Fine Particulate Matter in the Indoor Environment**
Michael Waring, PhD
Department Head and Professor, Department of Civil, Architectural and Environmental Engineering, Drexel University College of Engineering
[\[video\]](#) [\[slides\]](#)
- 1:40 pm **The Effect of Humidity on the Chemistry and Biology of Indoor Air**
Linsey Marr, PhD
Charles P. Lunsford Professor of Civil and Environmental Engineering, Virginia Tech
[\[video\]](#) [\[slides\]](#)
- 2:00 pm **The Influence of Sources of Indoor Fine Particulate Matter on the Characterization of Exposure and Evaluation of Health Effects**
Andrea Ferro, PhD
Professor / ISE Associate Director for Research, Department of Civil & Environmental Engineering, Clarkson University
[\[video\]](#) [\[slides\]](#)
- 2:20 pm **Roundtable Discussion**
Session speakers and Planning Committee Members;
Kimberly Prather, PhD – Moderator
[\[video\]](#)
- 2:50 pm **Session wrap-up and preview of upcoming webinars**
Jeffrey Siegel, PhD – Planning Committee Member and Richard Corsi, PhD, PE – Planning Committee Chair
[\[video\]](#) [\[slides\]](#)

April 14 [workshop webpage](#) and [YouTube videos page](#).