



July 25, 2024

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**Masters of the Air:  
Overcoming Airborne Pathogens Indoors**

**OBJECTIVE**

Provide the Bipartisan Commission on Biodefense with a better understanding of: (1) current government indoor air quality efforts; (2) new scientific and technological advances for indoor air quality; and (3) enhanced indoor air quality to prevent the spread of pathogens.

**SCHEDULE**

**11:00 – 11:10 am**                      **Opening Remarks**

**11:10 am – 12:25 pm**            **Panel One: Science and Technology Innovation**  
*Experts will delve into cutting-edge interventions, economic impacts, and technological advancements for healthier indoor environments that reduce pathogen transmission.*

**Jessica Green, PhD**

Program Manager, Resilient Systems, Advanced Research Projects Agency for Health (ARPA-H), Department of Health and Human Services

**Joseph Allen, DSc, MPH**

Assistant Professor of Exposure, Assessment Science, Department of Environmental Health; Director, Healthy Buildings Program, T.H. Chan School of Public Health, Harvard University

**Christopher Sales, PhD**

Associate Professor, Civil, Architectural and Environmental Engineering, Drexel University

**12:25 – 1:10 pm**                      **Lunch**

**1:10 – 2:25 pm**                      **Panel Two: Private Sector Perspective**  
*Industry and non-profit representatives will address the evolution of healthy building certifications, integration of standards, and technology development for improving indoor air quality to reduce pathogen transmission in built environments.*

**Melissa Baker**

Senior Vice President, Technical Development, US Green Building Council

**Kathryn C. Worrilow, PhD**

Founder and CEO, LifeAire Systems

**Alice Yates**

Director, Government Affairs, The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

**2:25 – 2:40 pm**                      **Break**

**2:40 – 3:55 pm**                      **Panel Three: Federal Perspective**

*Federal officials will address the impact of federal research, policy, security, and sustainability practices on enhancing indoor air quality and reducing pathogen transmission in built environments.*

**W. Stuart Dols**

Mechanical Engineer, Indoor Air Quality and Ventilation Group, Engineering Laboratory, National Institute of Standards and Technology

**Katherine Ratliff, PhD**

Physical Scientist and Principal Investigator, Office of Research and Development, Center for Environmental Solutions and Emergency Response, Homeland Security and Materials Management Division, Environmental Protection Agency

**Brian Gilligan, PE**

Deputy Director, Office of Federal High-Performance Green Buildings; Chief Sustainability Officer, General Services Administration

**3:55 – 4:00 pm**                      **Closing Remarks**

**4:00 pm**                                **Adjourn**