



**Chemical
Insights**

An Institute of
Underwriters Laboratories Inc.

SCIENCE COMMUNICATIONS HUB

Environmental Pollution and Health Impacts : Measurements, Sources and Solutions

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SCIENTIFIC JOURNAL PUBLICATIONS

- Norris, Christina, Ross Edwards, Chinmay Ghoroi, James J. Schauer, Marilyn Black and Michael H. Bergin. "A pilot study to quantify volatile organic compounds and their sources inside and outside homes in urban India in summer and winter during normal daily activities." *Environments* 9 (2022): 75-97.
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Underwriters Laboratories Inc. 4th Furniture Flammability and Human Health Summit. "A Summary: Managing Fire and Chemical Exposure Risks of Residential Upholstered Furniture." Virtual, 2021.
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KEY TECHNICAL PRESENTATIONS

Black, Marilyn. "Design It Healthy, Build It Healthy, Keep It Healthy: Strategies to Support Resilient, Healthy Interiors." Presented at 2022 Neocon, Chicago, IL, June 13, 2022. https://chemicalinsights.org/wp-content/uploads/Summary-NeoCon2022_Presentation.pdf

Black, Marilyn and Duane Sloan. "Balance Between Human Health and Fire Safety in the Built Environment." Presented at the National Fire Protection Association (NFPA) Conference & Expo, Boston, MA, June 7, 2022.

Davis, Aika and Qian Zhang. "Pop-up: 3D Printing in Schools "Exposures and Engineering Controls." Presented at American Industrial Hygiene Conference & Expo (AIHce), Nashville, TN, May 23, 2022.

Black, Marilyn and Holley Henderson. "Specifying Residential Upholstered Furniture to Safeguard Human Health." Professional Development Course presented at the GreenCE , Virtual, May 20, 2022.
<https://www.greence.com/Webinars/Specifying-Residential-Upholstered-Furniture>

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- Black, Marilyn. "Indoor Air Quality in Campus Buildings: Why and How to Address Emerging Risks." Presented at the Campus Safety, Health, and Environmental Management Association (CSHEMA) Spring Symposium, Orlando, FL, February 23, 2022.
- Black, Marilyn. "Before Disaster Strikes: A Picture Can be Worth a Thousand Words & Dollars." Presented at the National Association of Home Builders (NAHB) International Builders' Show, Orlando, FL, February 8, 2022.
- Black, Marilyn, and Ryan Lisk. "Keeping Campus Buildings Healthy: Managing 3D Printer Emissions for Occupant Safety and Health." Presented at the Campus Safety, Health, and Environmental Management Association (CSHEMA) Training Webinar, Virtual, November 16, 2021. <https://youtu.be/epKa74R9jA4>
- Davis, Aika, and Qian Zhang. "3D printing, is it safe? Updates and new findings on 3D printer emissions." Presented at the Institute of Electrical and Electronics Engineers (IEEE) Computer Society Chicago Chapter Webinar, Virtual, October 27, 2021.
- Jeon, Ji Soo, Aika Davis, Qian Zhang, Roby Greenwald, Marilyn Black, and Christa Wright. "The Influence of Ageing on the Genotoxic Potential of Electronic Nicotine Delivery System Aerosols: An In Vitro Assessment." Presented at the National Institute of Health (NIH) Tobacco Regulatory Science Meeting (TRSM), Virtual, October 20, 2021. <https://chemicalinsights.org/wp-content/uploads/2021-NIH-Tobacco-Regulatory-Science-Abstract.pdf>
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- Black, Marilyn and Ryan Lisk. "Keeping Campus' Buildings Healthy: Managing 3D Printer Emissions for Occupant Safety and Health." Presented at the Association for the Advancement of Sustainability in Higher Education (AASHE) Virtual Global Conference on Sustainability in Higher Education, Virtual, October 12, 2021.
- Black, Marilyn. "Better Health by Managing Your Indoor Environment." Presented at NeoCon 2021, Chicago, IL, October 5, 2021. <https://www.youtube.com/watch?app=desktop&v=fAeA2VA3ur4&feature=youtu.be>

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- Zhang, Qian, Aika Davis, Marilyn Black, and Rodney Weber. "Exposure to Particle and Volatile Organic Compound Emissions from Consumer Level 3D Printers." Presented at ISES 2021 – International Society of Exposure Science 31st Annual Meeting, Virtual, September 1, 2021.
- Black, Marilyn. "Chemical Insights." Presented at the 68th Annual Campus Safety, Health, and Environmental Management Association (CSHEMA) Conference, Virtual, July 26 - 28, 2021.
- Black, Marilyn. "Keeping School Buildings Healthy: Emerging Issues in Managing for Occupant Safety and Health." Presented at The Association for Learning Environments (GA4LE): Enhancing the Educational Experience Georgia Chapter Summer Conference, Jekyll Island, GA, June 28, 2021.
- Black, Marilyn, and Anna Stec. "Composition of Urban Materials and Their Combustion Products." Presented at the Chemistry of Urban Wildfires: An Information-Gathering Session by the National Academies of Sciences, Engineering, and Medicine, Virtual, June 8, 2021.
- Zhang, Qian, and Aika Davis. "Emissions and Exposure Levels Associated with 3D Printing in Schools and Universities." Presented at the American Industrial Hygiene Conference & Expo (AIHce EXP) 2021, Virtual, May 26, 2021.
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