

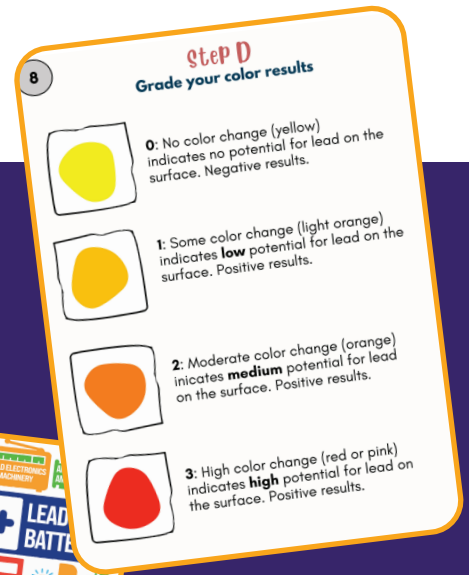


Sampling Techniques for Rapid Lead Detection on Surfaces

IN-PERSON AND VIRTUAL WORKSHOP

November 13, 2024

10:00am–12:00pm



Lead contamination in workplaces and homes poses serious health risks. Traditionally, investigators have relied on wet wipes to collect surface dust samples, which are then sent to laboratories for analysis. While effective, this process is often slow and expensive, with results taking weeks to return. Over the past two decades, a NIOSH-developed and commercial tool has emerged, allowing users to quickly assess the color of the wipes on-site, offering immediate insights before confirming results with a lab. While federal occupational agencies have widely adopted this tool, its use among occupational and public health professionals remains limited. In this workshop, participants will learn about surface sampling while gaining hands-on experience using this rapid, colorimetric kit to detect lead contamination on surfaces. Attendees will also receive a comprehensive, user-friendly guide that goes beyond the manufacturer's instructions, ensuring accurate and efficient testing.



Instructor

Dr. Diana Ceballos is an Assistant Professor and Director of the Exposure Equity Laboratory in the Department of Environmental and Occupational Health Sciences (DEOHS) at the University of Washington (UW). With over 15 years of research experience, she specializes in environmental and occupational health and safety, exposure assessment, science translation, and the implementation of community-engaged public health interventions, with a focus on high-risk, understudied worker populations. During her five years as an industrial hygiene investigator with the National Institute for Occupational Safety and Health (NIOSH) Health Hazard Evaluation Program, she utilized colorimetric wipes in several workplace investigations to identify lead sources, contamination pathways, and potential take-home lead exposures by workers. Since coming back to academia, she continues to use lead colorimetric wipes in her research.

► 2 contact hours/0.2 CEUs

Register online at oshce.uw.edu
or by calling the Northwest Center.

Phone: 206-543-1069 or 800-326-7568

E-mail: ce@uw.edu

Web: <https://oshce.uw.edu>

Location: 4225 Roosevelt Way NE
Seattle, WA 98402



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Photo: Courtesy of Diana Ceballos