ADVANCES IN MEASURING THE IMPACT OF VOLUNTARY CONSENSUS STANDARDS ON HEALTH AND SAFETY

EVENT PROGRAM

October 11, 2022 • 2:00 – 3:30 pm Eastern

In-person: Ronald Reagan Building and International Trade Center (Pavilion Room)
1300 Pennsylvania Avenue NW, Washington DC

Virtual: via Zoom

Advance Registration Required: www.ansi.org/wsweek

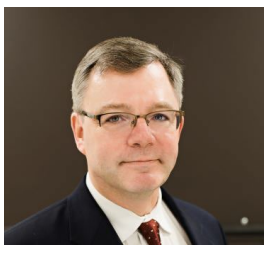
ANSI, in partnership with UL Standards & Engagement and the U.S. Consumer Product Safety Commission staff, will provide an update on their initiative to identify best practices for measuring the impact of voluntary consensus standards on human health and safety. This will include key concepts, a case study, and a panel discussion. Click here to access a report of the October 2021 World Standards Week session on this topic.

AGENDA

Time	Discussion and Speakers
2:00-2:05	**Welcome & Introductions** **Jim McCabe, Senior Director, Standards Facilitation, American National Standards Institute**
2:05-2:15	**Stakeholder Motivations** • **Scott Ayers**, Fire Program Manager, U.S. Consumer Product Safety Commission • **David Wroth**, Director, Data Science, UL Standards & Engagement • **Andrew Kapp**, Research Manager, Data Science, UL Standards & Engagement • **Diana Jones**, Senior Director, Technical Programs & Development, International Safety Equipment Association
2:15-2:25	**Key Concepts: Impact = Effectiveness x Conformance (Diana Jones)**

2:25-2:35	The Impact Curve **(David Wroth)**
2:35-2:45	Assessing Effectiveness **(Andrew Kapp)**
2:45-2:55	Understanding Conformance **(Scott Ayers)**
2:55-3:05	Case Study **(David Wroth/Andrew Kapp)**
3:05-3:30	Panel Discussion with Audience Participation **(Ayers, Wroth, Kapp, and Jones)**

SPEAKERS

Scott Ayers 	**Scott Ayers is the fire program area manager at the U.S. Consumer Product Safety Commission (CPSC).** He is a member of a number of ASTM International, CSA Group, National Fire Protection Association (NFPA), UL, and ASHRAE standards committees, and chairs the CSA ANSI Z21.1 technical subcommittee on domestic gas ranges and the ASTM F3429 task group on flame mitigation devices in prefilled flammable liquid containers. His professional interests include fire safety, consumer product safety, carbon monoxide safety, standards development, and indoor air quality. He has a B.S. in mechanical engineering and an M.S. in fire protection engineering from Worcester Polytechnic Institute. Scott is a Registered Professional Engineer in Wisconsin and is certified as a Project Management Professional by the Project Management Institute (PMI).
Diana Jones 	**Diana Jones is the director of technical programs and development at the International Safety Equipment Association (ISEA).** She is responsible for ISEA's technical and standards strategy for personal protective equipment (PPE) and technologies that enable people to work in hazardous environments. She also manages ISEA's position in the broader standards development environment through relationships with ASTM International, the American National Standards Institute (ANSI), the American Society of Safety Professional (ASSP), the International Organization for Standardization (ISO), and other standards development organizations active in the safety space. Previously, Diana was with NFPA as the electrical safety portfolio manager, overseeing the strategy for all electrical codes, standards, and handbooks and promoting the use of NFPA's safety standards.
Andrew Kapp 	**E. Andrew Kapp, Ph.D., is the research manager for UL Standards & Engagement.** His work focuses on leading applied research efforts in support of the UL mission of amplifying and translating data and scientific discoveries into action through the publication of voluntary consensus standards and advocacy. His current work focuses on methods of assessing the impacts of voluntary consensus standards on human health and safety, and the application of unsupervised machine learning techniques for the analysis of consumer product incident reports. Andrew holds the professional certifications of Certified Safety Professional and Certified Hazardous Materials Manager, and has a Ph.D. in industrial systems engineering.

Jim McCabe 	**Jim McCabe serves as senior director, standards facilitation, at the American National Standards Institute (ANSI),** where he directs standards coordination activities for emerging technologies. Recent projects include: • partnering with America Makes and the community to update a standardization roadmap for additive manufacturing (3D printing) • developing a roadmap of codes and standards for electric vehicles at scale • organizing workshops on behalf of the U.S. Department of Defense on global supply chain security for microelectronics standardization • organizing meetings on standardization and the commercial space industry
David Wroth 	**David Wroth is the director of data science for UL Standards & Engagement.** He leads a team that collects and analyzes data from disparate sources to identify opportunities to address safety issues across the globe. The team is leveraging natural language processing for improving safety standards and employing machine learning algorithms to rapidly identify safety issues from text sources. David serves on the U. S. Department of Transportation Lithium Battery Aviation Safety Advisory committee, addressing the risk of lithium battery thermal runaway incidents on aircraft. He has an MBA from Lake Forest Graduate School of Management and a B.S. in nuclear engineering from Purdue University.

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