

JUDY JEEVARAJAN, Ph.D.
Vice President and Executive Director
Electrochemical Safety Research Institute (ESRI)
UL Research Institutes

Dr. Judy Jeevarajan is the Vice President and Executive Director for the Electrochemical Safety Research Institute (ESRI) at UL Research Institutes (ULRI). With more than 27 years of experience in the area of batteries and a primary focus on the lithium-ion chemistry, she specializes in battery safety research that encompasses various aspects from thermal runaway to fire suppression and recycling.

Dr. Jeevarajan serves in the Technical Working Group for standards organizations such as UL Standards & Engagement (ULSE), Society of Automotive Engineers (SAE), International Civil Aviation Organization (ICAO)/Society of Aerospace Engineers (SAE), International Electrotechnical Commission (IEC), American Institute of Aeronautics and Astronautics (AIAA) and American National Standards Institute (ANSI).

From 1998 until 2003, Dr. Jeevarajan worked for Lockheed Martin Space Operations at the National Aeronautics and Space Administration (NASA) Johnson Space Center (JSC) in Houston, Texas. In 2003, she started her work as a NASA civil servant, serving as the Group Lead for Battery Safety and Advanced Technology until she joined Underwriters Laboratories Inc. in 2015.

Dr. Jeevarajan has been an active advocate of battery safety at meetings and conferences with over 175 presentations in the area of battery safety. She has also authored or co-authored several book chapters, including the "Battery Safety" chapter in Elsevier's publication titled "Safety Design for Space Systems" in March 2009 (first edition) and July 2023 (second edition), and the "Managing of Risk by Manufacturers of Consumer Equipment" chapter in Elsevier's "Electrochemical Power Sources: Fundamentals, Systems, and Applications" in September 2018. She continues to contribute to many journal publications and articles. She serves as a reviewer for many major journals and is a Co-Editor for the ACS Energy Letters journal publications.

She earned her Ph.D. in Chemistry (Electrochemistry) from the University of Alabama in Tuscaloosa (1995) and holds a Master of Science in Chemistry from the University of Notre Dame (1991).