



WEBINAR SERIES

## Clinical Follow-Up and Care for Those Impacted by the JP-5 Releases at Red Hill: Protection of Water

August 7, 2025 | 3 - 5 PM EST | 9 - 11 AM HST

### Purpose

- Examine the crucial importance of water protection in the aftermath of the Red Hill fuel releases.
- Reflect on water protection aspects with a focus on public health infrastructure, environmental risks, and community resilience.

**THURSDAY, AUGUST 7, 2025**

---

**3:00 PM**      **Welcome**

**GRACE LEE**, *Committee Chair*

Chief Quality Officer and Christopher G. Dawes Endowed Director of Quality  
Stanford Medicine Children's Health and Lucile Packard Children's Hospital  
Stanford

**3:05 PM**      **Introduction and Webinar Overview**

**ANDREW WELTON**, *Committee Member*

Professor of Engineering  
Purdue University

**3:15 PM**      **Water Cycle, Water Protection, and Impacts of Red Hill Releases**

**ERNEST LAU**

Manager and Chief Engineer  
Board of Water Supply

**4:50 PM**      **Closing Remarks**

**5:00 PM**      **Adjourn Meeting**

## SPEAKER BIOGRAPHIES

---

**Grace Lee (NAM)** (Chair) is chief quality officer and the Christopher G. Dawes endowed director of quality at Stanford Medicine Children's Health and Lucile Packard Children's Hospital Stanford, and associate dean for Maternal and Child Health (Quality and Safety) and professor of pediatrics at Stanford University School of Medicine. She oversees the Center for Pediatric and Maternal Value that seeks to improve quality, safety, patient experience and health equity across the organization. Dr. Lee is an elected member of the National Academy of Medicine and AHRQ's Healthcare Safety and Quality Improvement Research Study Section. She also served as a Board Member for the Society for Healthcare Epidemiology of America (SHEA), Pediatric Infectious Diseases Society (PIDS), and the National Academy of Medicine (NAM) Board on Population Health and Public Health Practice. She was previously the Chair of the U.S. Advisory Committee on Immunization Practices (ACIP) that recommends vaccines for the U.S. population. Dr. Lee received her MD from the University of Pennsylvania Perelman School of Medicine and her MPH from Harvard School of Public Health. Dr. Lee has previously served as a member of the Institute of Medicine Committee (IOM) to Review Priorities in the National Vaccine Plan, the IOM Committee on the Ethical and Scientific Issues in Studying the Safety of Approved Drugs, the National Academies of Sciences, Engineering, and Medicine (NASEM) Committee on Vaccine Research and Development Recommendations for Advancing Pandemic and Seasonal Influenza Preparedness and Response.

**Ernest Lau** is Manager and Chief Engineer of the Board of Water Supply. Lau previously served as the administrator of the Public Works Division under the State Department of Accounting and General Services and as Deputy Director of the State Commission on Water Resource Management, Department of Land and Natural Resources. From 1996 to 2003, Lau was Manager and Chief Engineer of the Kauai Department of Water, after having worked for the Board of Water Supply in Honolulu for 14 years.

**Andrew J Whelton** is a professor of engineering at Purdue University and has 20 years of experience. Dr. Whelton has been called into some of the deadliest and most destructive disasters in recent U.S. history to advise on public health and infrastructure response and recovery decisions. His team's most recent discoveries have transformed how officials respond to drinking water safety assessments after U.S. and Canadian wildfires. Dr. Whelton's current research focuses on chemical fate and transport in municipal and building water systems, wildfire damage mitigation, response, and recovery, and reducing chemical exposures to households and workers after disasters. Dr. Whelton has been repeatedly recognized for discoveries that have had significant societal impact. Dr. Whelton earned PhD, MS, and BS civil and environmental engineering degrees from Virginia Tech. He is a Purdue University Faculty Scholar and was selected to participate in the U.S. National Academies of Engineering Frontiers of Engineering program. Prior to entering academia, Dr. Whelton completed a National Research Council postdoctoral fellowship at NIST and worked for the U.S. Army and in the private sector. He previously contributed to National Academies workshops about public health challenges after wildfires and the 2023 chemical disaster in East Palestine, Ohio.