

## SPEAKER INFORMATION

*Date:* Thursday, November 18, 2021  
*Event:* "New Studies on Building Water Systems"  
*Time:* 10:30 am – 11:15 am

**Andrew J. Whelton, Ph.D.**

Associate Professor

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Andrew J. Whelton, Ph.D., is a Purdue University professor of civil, environmental, and ecological engineering nationally recognized for water systems safety, public health, and disaster response. He is the director of the Health Plumbing Consortium and founder and lead for the Center for Plumbing Safety at Purdue. Dr. Whelton has more than 20 years of experience helping building owners, corporations, government agencies (EPA, CDC, NRC, NIOSH, NIST, ARMY), water utilities, nonprofit organizations, health departments, and state legislatures address water safety and health challenges.

In recent years, his teams have helped uncover and solve health risks associated with building water system shutdowns and restarts prompted by the COVID-19 pandemic, wildfire, and chemical spill disasters. Before joining Purdue University, he served on the faculty at the University of South Alabama and worked for the National Institute for Standards and Technology (NIST) Building Fire Research Laboratory, Virginia Tech, U.S. Army, and private engineering consulting firms.

A hallmark of his work is direct engagement with communities at risk. His teams have established websites ([www.PlumbingSafety.org](http://www.PlumbingSafety.org); [www.CIPPSafety.org](http://www.CIPPSafety.org)) to make discoveries accessible to the public and communities of interest. He earned a B.S. in civil engineering, M.S. in environmental engineering, and Ph.D. in civil engineering from Virginia Tech.