

Stephen Hill, P.E.

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Contact Information

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Professional Profile

Stephen Hill joined RJA in 2009 after spending 12 years as a fire research and protection engineer. As a member of the U.S. Department of Justice, Hill was intimately involved in the startup of the Bureau of Alcohol, Tobacco, Firearms and Explosives' Fire Research Laboratory. He has extensive experience in the application of scientific and engineering principles in the forensic support of fire investigations. Hill has worked closely with ATF Certified Fire Investigators in the investigation of both arson and accidental fires, provided on-site technical investigative support and advice to law enforcement agents, U.S. attorneys and district attorneys, and conducted research and testing on the prediction of fire hazard development and response of materials to fire.

Hill has performed scientific analysis including complex calculations and fire modeling analyses, designed and executed small and large scale fire tests and simulations, conducted and documented fire scene examinations, performed building code compliance reviews, developed and provided instruction related to fire science and the investigation of fires to federal, state and local fire investigators and provided expert testimony in both federal and state courts. Hill is also a frequent lecturer in the University of Maryland's Department of Fire Protection Engineering.

Professional Affiliations

National Fire Protection Association – Member

Society of Fire Protection Engineers – Member

International Association of Arson Investigators – Member

Credentials

Master of Science,
Fire Protection Engineering
University of Maryland,
College Park, MD, 1997

Bachelor of Science,
Fire Protection Engineering
University of Maryland,
College Park, MD, 1995

Licences & Certifications

Professional Engineer

- Maryland (MD 27097)
- District of Columbia (DC PE904512)