



Session 4A:

Coordinated Fire Attack: Understanding the Impact of Attack Strategies on Firefighter and Occupant Safety

This class provides an opportunity for the UL Firefighting Safety Research Institute (FSRI) Advisory Board members to present the highlights of the study along with fireground applications of the research. This research, conducted over the past 10 years, was focused primarily on ventilation and suppression, independent from one another. With a solid understanding of horizontal, vertical, and positive-pressure ventilation alongside both interior and exterior water application, the time has come to put the pieces together: How do we define coordination on the fireground? What makes for an effective fire attack? The science from the lab was taken to the streets as experiments were conducted in acquired single-family dwellings, garden-style apartments, and a commercial strip mall. This study, much like all of the other studies, is guided by a technical panel of firefighters from across the country.



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Sean Gray has been in the fire service since 1993. He has a bachelor's degree in Fire Safety Engineering and is working towards furthering his education. He has been a member of multiple technical panels involving firefighter safety research and is a NFPA committee member for Fire Hose and Fire Service Training Facilities. He recently co-authored a PennWell Publications DVD and Book, *The Evolving FireGround*. He has also been published in multiple Fire Service magazines, is an FDIC H.O.T. Lead instructor, runs the website stopbelievingstartknowing.com, and delivers evidence-based tactics training classes across the U.S.

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