



UL Firefighter Safety Research Institute



## Modern Fire Challenges & Tactical Considerations for Fire Department Operations

Hosted By: **Hampshire County Fire Defense Association**

**October 24, 2015**

8:00 am to 4:00 pm

**Location:** UMASS Football Performance Center

Stadium Drive, Amherst MA.

The residential fire environment is changing. NIST and UL are conducting research to develop tactical considerations for today's fire service. After conducting almost 100 test burns these considerations provide tools for fire fighters to address the changing environment they face on today's fire ground. Understanding how things such as ventilation, compartmentation, construction practices and staffing affect your incident action plan gives the best chance for success. After an overview of the changes in today's fire environment Robin will discuss tactical considerations for controlling the flow path, softening the target, reading the smoke, pushing fire and water application with examples from the most recent research results. Understanding how these effect tactical ventilation, VEIS, Attic Fires and Basement fires will aid the firefighter in better tactical decisions in the modern fire environment.

Robin Zevotek is the lead Research Engineer with the Underwriters Laboratories (UL) Firefighter Safety Research Institute, currently performing research on firefighter safety and effectiveness in residential structure fires. He has 14yrs in the fire service thought out the east coast, most recently serving as Captain with the Moyers Corners Fire Department in Liverpool, NY. He has a bachelor's and is completing his master's both in fire protection engineering from the University of Maryland. In addition he is a licensed fire protection engineer with several years of fire protection design experience.



Robin Zevotek, P.E.  
Lead Research Engineer

Cost: \$25 per person

Please make checks out to **Hampshire County Fire Defense Association**

Send payment to: Northampton Fire Department

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