

# 2025 COG FIREFIGHTER HEALTH & SAFETY SEMINAR

Day 1: “The Things That Are Killing Us: Cancer and Cardiovascular Issues Facing the Fire Service”

**8:10 - 8:30: The Fight Against Firefighter Cancer: Why Personal and Organizational Resilience Matter**

Pat Morrison, IAFF

**8:30 - 9:15: Cardiac Health Through Biometric Monitoring (Predicting the Big One!)**

Shawn Downs/Dr. Kate Kapalo, DC FEMS

**9:25 - 9:45: Occupational Health Programs for the Fire Service**

Dr. Jennifer Lund, Inova Occupational Health Programs

**9:45 - 10:30: Early Screening for Cancer Saving Firefighter Lives**

Capt (ret.) Ron Kuley, UDS

**10:40 - 11:20: Heat Stress and the Firefighter's PPE**

Bart McCool, Tencate PPE Specialist

**11:20 - 12:00 Virginia Firefighters for Lifelong Health (VA-FLH) Registry: Development of the Registry and Preliminary Results**

Dr. Bernard Fuemmeler/Dr. Trevin Glasgow, VCU

**12:30 - 1:15: “Doing It Right”...Reducing Cancer in the Fire Service**

Steve Weissman, FCSN

**1:25 - 1:55: Occupational Cancer Screening in Firefighters: A Pilot Study Within the INOVA Health System**

Dr. Bryan Bassig, Research Director Saville Cancer Screening/Prev Ctr

**2:00 - 2:30: So Now What?**

Fire Chief (ret.) John Oates, IPSDI

**APRIL  
15 - 17**  
*Chantilly, VA*



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# 2025 COG FIREFIGHTER HEALTH & SAFETY SEMINAR

Day 2: “Concussions/Brain Injuries/Explosive and  
Overpressure Events: A Blind Side for Our Firefighters”

**8:05 - 8:20: Why We're Here: Brain Injury Case Studies of Northern  
Virginia Firefighters**

Capt Marc Davidson, FCFRD

**8:20 - 9:20: Recognizing Concussions in First Responders: Critical Role  
of Early Detection & Treatment**

Brett Gustman, MS, ATC, Outreach Coordinator Inova Sports Medicine  
Concussion Program

**9:20 - 9:35: Neurovestibular Treatment of the Concussion Patient**

Dr. Sheri Fedor, PT, DPT, NCS Vestibular Concussion PT Program Director

**9:45 - 11:30: Brain Injury and Behavioral Health: Warfighter Outcomes  
Informing Firefighter Needs**

Colonel Sidney Hinds/Dr. Michael Hall, VCU

**11:30 - 12:00: What Is the Fire Service Missing and What Should We Be  
Doing?**

ROUNDTABLE/Q&A

**12:30 - 12: 55: VIRTUAL - What's Your Head Worth: Roadway Head  
Protection for the Fire Service**

Brady Robinette Lubbock (TX) FD

**1:00 - 1:45: VIRTUAL - Are we missing the mark on Concussions /  
mTBI's in the Fire Service?**

Chris Fleming, Wichita FD/Inspire Health

**1:50 - 2:30: Assessing Acute Firefighter Readiness and Workload  
Across Consecutive 24-Hour Shifts**

Dr. Joel Martin/Dr. Michael Toczko, GMU

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# 2025 COG FIREFIGHTER HEALTH & SAFETY SEMINAR

Day 3: “Firefighter Operational and Tactical Safety: Research Informing Better Decision-making on the Incident Scene”

**8:05 - 9:00: Near Miss Studies: What are we learning?**

Dr. Daniel Madrzykowski, ULFSRI

**9:05 - 10:00: Lithium-Ion Batteries: Fire is Getting Faster**

Dr. Daniel Madrzykowski, ULFSRI

**10:0 - 12:00: The Residential Playbook: Tactical Decision-making**

Keith Stakes, ULFSRI

**12:30 - 1:25: Lithium-Ion Battery/EV Fires in the Capitol Region**

Capt Chris Adams, Prince William County Fire and Rescue

**1:35 - 2:30: A 20-Year Retrospective: Lessons from Fairfax County  
Fireground Close Call Reports**

Battalion Chief Matt Tamillow, Fairfax County FRD

**LUNCH PROVIDED DAILY | SESSIONS RUN  
FROM 8:00 AM - 2:30 PM**

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