



The National Fallen Firefighters Foundation, in support of Firefighter Life Safety Initiative #8, recently hosted a Fire Service Innovation in Safety Symposium to focus on the future of technology in the fire service.

10 really cool things the advocates who attended the 2019 symposium wanted to share with others:

- 1. Physiological monitoring tools enable the active monitoring of firefighter's core temperature, heart rate and other vital signs in real-time. This data can be used to make operational decisions that will reduce the risk of firefighter injury and death. Find out more here: <https://www.skidmore.edu/responder/smarter-project.php>**
- 2. Fire departments need to find ways to leverage smart buildings' ability to provide valuable data to responders en-route. IoT sensors can be used to gain access, shut down utilities, and inform decisions related to fire attack. You can find out more about smart buildings at: <https://stratisiot.com/learn/>**
- 3. Stop talking about change and start thinking about transformation. For inspiration, look at the ground-breaking work of Dr., Stephen Klasko in overhauling healthcare delivery and medical education: <https://sklasko.com/>**
- 4. YOU can help to create a culture of innovation within your organization. For information about how the City of Philadelphia has created an environment that promotes innovation for each of its citizens, go here: <https://www.phila.gov/it/Pages/default.aspx>**
- 5. Currently available behavioral health apps are intuitive, interactive, and enable firefighters to receive immediate feedback, apply self-care strategies, and secure clinician referrals when appropriate. Learn more about this mode of behavioral healthcare delivery at: <https://www.neuroflowsolution.com/>**
- 6. San Antonio Fire Department medic units are now carrying O- whole blood, enabling them to provide onsite transfusions to accident and gunshot victims who have experienced life-threatening blood loss. The increase in patient survivability as well as widespread public support justify the associated costs of retrofitting response vehicles and carrying blood on board. To learn more, go to: www.strac.org**

7. **Enroll in FOCUS – Drexel University’s Fire Service Organizational Culture of Safety study, a FEMA AFG funded effort to develop an instrument to evaluate and provide feedback on the culture of fire departments. Find out more at: <https://drexel.edu/dornsife/research/centers-programs-projects/FIRTS/our-projects/FOCUS/>**
8. **UL’s “Close Before You Doze” campaign is raising awareness of the importance of compartmentalizing fire to increase the survivability of residential fires. For more information and tools you can use in your own department and your community, go to: www.closeyourdoor.org**
9. **Are you looking for a way to stay current with the latest research in firefighting equipment and tactics? Go to www.smartfirefighting.com for video, podcasts, and articles.**
10. **FireCARES aggregates local and national data to analyze how fire department resources are deployed to match community risk. Knowing your organization’s Community Risk, Fire Department Performance Score, and Safe Grade can inform staffing, equipment, and response decision. Find out more here: www.firecares.org**

The above is an excerpt from:



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Firefighter Life Safety Initiatives by the National Fallen Firefighters Foundation

ADVOCATE NEWSLETTER