



RESEARCH FOUNDATION

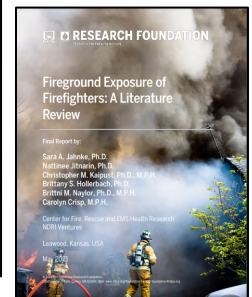
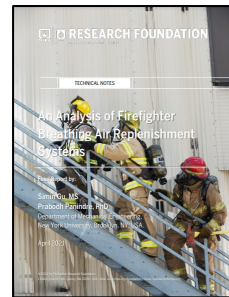
RESEARCH FOR THE NFPA MISSION

FPRF Quarterly Newsletter: 2021 Q2

Q2: Completed Projects and Featured Publications

Completed Projects

- [Preparing for Disaster: Workshop on Advancing WUI Resilience](#)
- [Analysis of Firefighting Breathing Air Replenishment Systems](#)
- [Fireground Exposures of Firefighters: A Literature Review](#)
- [Fire Safety in the US since 1980 \(Advisory Service\)](#)
- [ITM Data Exchange Workshop Proceedings](#)



Featured Publications

- International Fire Protection – [Revisiting Parking Garage Safety](#) on “Modern Vehicle Hazards in Parking Garages” research.
- Healthcare Facility Management (HFM) – [“Cybersecurity and Fire Protection – Is your system a pathway for internet attacks?”](#)
- NFPA Journal – [A New Approach to ITM](#) on FPRF “ITM Data Exchange” research project.
- NFPA Journal – [Happy Camper?](#) on FPRF “Damage and Loss Assessment of Recreational Vehicles” report.
- NFPA Journal ‘In Compliance’ – [Protecting against the ‘Silent Killer’: Carbon Monoxide Requirements in the Life Safety Code on FPRF “CO Detection and Alarm Requirements: Literature Review” study.](#)
- NFPA Journal – [Battered Batteries](#) on FPRF work on Electric Vehicles
- Industrial Fire World – [Fluorine Free Foam \(F3\) Research Highlights Major Deficiencies](#) on FPRF Fluorine-Free Foam work.
- Fire Technology – [“Correction to: An Evaluation of the Firefighting Effectiveness of Fluorine Free Foams”](#)

Q2: Multi-media

- [Podcast – Fires and Recreational Vehicles](#) - Interview with Doug Mulvaney from Campgrounds of America
- Video – Learn Something New [“What you didn’t know about Carbon Monoxide Poisoning and Alarms”](#)
- Video – Key findings of the [“Damage and Loss Assessment of Recreational Vehicles”](#) report.
- Video – Learn Something New [“The Modern US Fire Problem”](#) on the “Fire Safety in the US” project.

Q2: FPRF News

- Welcome Siddhant Damle! He is joining us this summer as the FPRF co-op. Sid is a mechanical engineering undergraduate student at WPI.
- SUPDET/AUBE 2021 will be held September 21 – 23, 2021 in Mulheim an der Ruhr, Germany. In-person and virtual attendance options available. Register [here](#).
- 2021 [Foundation Medal](#) awarded to: [Evaluation of fire protection effectiveness of fluorine free firefighting foams](#) project by Jensen Hughes & Naval Research Laboratory.

Q2: Projects Initiated

- [Fires in Animal Housing Facilities](#)
- Economic Impact of Fire Protection

Q2: Past and Upcoming Webinars

Past Webinars

- FPRF Webinar: “Fire Safety Challenges of Green Building and Attributes” on April 14, 2021. Access the webinar recording [here](#).
- FPRF Webinar: “ITM Data Exchange: New Frontier of Standardization to Support Reliability Analyses” on June 29, 2021. Access the webinar recording [here](#).

Upcoming Webinars

- FPRF Webinar: Traditional and Particulate-Blocking Hoods: Pros, Cons, and Trade-Offs, on **August 4th, 12:30-2pm ET**. Register [here](#).