

# State of Science: Research on Women in the Fire Service

November 18, 2020

## Women in Fire

Center for Fire, Rescue & EMS Health Research

First Responder Center for Excellence

Fire Engineering/FDIC/JEMS/EMS Today

### Chairs/Co-Chairs

Amy Hanifan, President, Women in Fire

Ed Klima, Managing Director, First Responder Center for Excellence

Sara Jahnke, Ph.D. Director & Senior Scientist, Center for Fire, Rescue & EMS Health Research

All times listed are **Central Daylight Time**. You can convert the times using the Time Difference Calculator

(<https://www.timeanddate.com/worldclock/converter-classic.html>)

	TOPICS
10:00 am – 10:15 am	<b>Meeting opening, Welcome and Overview</b> Amy Hanifan, Ed Klima, Sara Jahnke
	<b>Sex, Gender &amp; Sexual Orientation</b>
10:15 am – 10:25 am	<b><i>Health Disparities among Sexual Minority Women Firefighters</i></b> Christopher Kaipust, USA
10:25 am – 10:35 am	<b><i>Considering Sex and Gender in Firefighter Research</i></b> Joy McDermid, Canada
10:35 am – 10:45 am	<b><i>Discrimination and Harassment</i></b> Sara Jahnke, USA
10:45 am – 11:00 am	<b>Q&amp;A</b>
	<b>Safety</b>
11:00 am – 11:10 am	<b><i>Women as Agents of Safety Change: Past, Present, and Future Research</i></b> Jennifer Taylor, USA
11:10 am – 11:20 am	<b><i>Structural and Wildland Female Firefighters regarding the Comfort, Mobility, and Fit Issues of Their Firefighting PPC</i></b> Meredith McQuerry & Cassandra Kwon, USA
11:20 am – 11:30 am	<b><i>Insights from the Inside: A Window into the Experience of Female Firefighters in Ontario</i></b> Pike Krpan, Canada
11:30 am – 11:45 am	<b>Q&amp;A</b>

<b>Exposure</b>	
11:45 pm – 11:55 pm	<b><i>PFAS, Flame Retardants, and Biological Measures in the Women Workers Biomonitoring Collaborative</i></b> Jessica Trowbridge & Cassidy Clarity, USA
11:55 pm – 12:05 pm	<b><i>Reporting Personal Exposure Results in a Recent Biomonitoring Study of Women Firefighters in San Francisco</i></b> Ruthann Rudel & Katie Boronow & Heather Buren, USA
12:05 pm – 12:15 pm	<b><i>Removing Toxic PFAS from Firefighting Foam in the U.S.: A Legislative Update</i></b> Nancy Buermeyer, USA
12:15 pm – 12:25 pm	<b><i>Non-Targeted Analysis and Exposomics to Identify Novel Chemical Exposures and Associated Biological Changes in a Cohort of California Women Firefighters</i></b> Ruthann Rudel & Vincent Bessonneau, USA
12:25 pm – 12:40 pm	<b>Q&amp;A</b>
12:40 pm – 1:15 pm	<b>Lunch break</b>
<b>Reproductive Health</b>	
1:15 pm – 1:25 pm	<b><i>Women Firefighters and Risk of Miscarriage: Preliminary Results from a National Survey</i></b> Alesia Jung, USA
1:25 pm – 1:35 pm	<b><i>Studying Biological Markers of Ovarian Reserve among Female Firefighters</i></b> Leslie Farland, USA
1:35 pm – 1:45 pm	<b><i>Brominated Flame Retardants and Toxicity Testing of Firefighter Breastmilk</i></b> Jeff Burgess, USA
1:45 pm – 2:00 pm	<b>Q&amp;A</b>
<b>Injury</b>	
2:00 pm – 2:10 pm	<b><i>Injury among Women Firefighters</i></b> Brittany Hollerbach, USA
2:10 pm – 2:20 pm	<b><i>Women's Health – International Health</i></b> Anthony Walkers, Australia
2:20 pm – 2:30 pm	<b><i>An International Approach to Understanding Women Firefighters' Health concerns</i></b> Emily Watkins, UK
<b>Modifiable Risk Factors &amp; CVD</b>	
2:30 pm – 2:40 pm	<b><i>Tobacco and Alcohol Use in Women Firefighters</i></b> Christopher Haddock, USA
2:40 pm – 2:50 pm	<b><i>Cardiovascular Concerns for Women Firefighters</i></b>

	Denise Smith, USA
2:50 pm – 3:05 pm	<b>Q&amp;A</b>
	<b>Cancer</b>
3:05 pm – 3:15 pm	<b><i>Addressing Cervical Cancer in Female firefighters</i></b> Natasha Shafer Solle, USA
3:15 pm – 3:25 pm	<b><i>Presumptive Cancer Laws and Exposure Tracking</i></b> Lori Moore Merrell, USA
3:25 pm – 3:35 pm	<b><i>2019 International Survey of Cancer Incidence among Female Firefighters</i></b> Kenneth Kunz, Canada
3:35 pm – 3:45 pm	<b><i>The National Firefighter Registry (NFR)</i></b> Andrea Wilkinson & Miriam Siegel, USA
3:45 pm – 4:00 pm	<b>Q&amp;A</b>
4:00 pm – 4:30 pm	<b>Wrap up (Conference Summary and Next Steps)</b>