Vision 20/20
National Strategies for Fire Loss Prevention

2016 MODEL PERFORMANCE IN

FIRE PREVENTION SYMPOSIUM

March 10-12, 2016
Hyatt Fair Lakes
Fairfax, Virginia

Welcome

Vision 20/20
www.strategicfire.org

Symposium Participants:
On behalf of the Vision 20/20 project team, I'd like to welcome you to the 4th national symposium on "Model Performance in Fire Prevention." We appreciate the fact that you are willing to take time away from very busy schedules to be here. This is important. Even as the economy improves, budgets are still tight and the need to demonstrate results is more important than ever.

That is the primary purpose of the symposium: to promote model prevention programs that demonstrate results in common, measurable terms. By providing examples that others may follow we can lift the collective bar of prevention efforts across this fine nation of ours.

We know the time and effort it takes to prepare a presentation for this symposium. I can tell you that not all of the good programs that were proposed were selected. We saw many fine examples and realize there are others that did not have time to submit. We try to maintain a balance of presentations across prevention disciplines to reflect the diversity of your responsibilities and make sure you see examples from education, code enforcement, technology and other prevention programs in the field.

Another purpose of this symposium is to move toward implementation on two key strategies for the Vision 20/20 project. The first is to expand our efforts to "get on the same page" toward a national educational/marketing campaign with an emphasis on working smoke alarms. The second is to instill the concepts of Community Risk Reduction (CRR) within the fire service of the U.S.

So we are grateful for the state representatives and others who are willing to help spread the word on these model materials when they return home. Of course, everyone has a wonderful opportunity to network with one another. We have found that to be one of the most valuable aspects of these symposia. People share ideas, establish relationships, and share information long after the symposium, even repeating some of the presentations done here for their own local conferences.

So for everyone present, including those who paid their own way, and especially the vendors and sponsors who make the symposium an even better and stronger event, we are sincerely grateful. And finally, without the foundation of the Assistance to Firefighter Grants/Fire Prevention and Safety funds this symposium would not be possible.

Thank you all for giving your valuable time and expertise to contribute to the symposium itself, and the broader goals of improving prevention efforts in the U.S.

Sincerely,

Jim Crawford
Vision 20/20 Project Manager

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Agenda

THURSDAY, MARCH 10

10:00 am – 2:00 pm — **Registration and Exhibits**

2:00 pm – 3:45 pm — **Opening General Session**

Welcome
Jim Crawford, Vision 20/20 Project Manager
Ernest Mitchell, U.S. Fire Administrator
Melvin Carter, Executive Director, Virginia Department of Fire Programs
Richard R. Bowers, Jr., Chief, Fairfax County

Presentation of Model Programs

Success Starts at Home: Building a Strong Home Safety Visit Campaign to Address the Needs of Your Community – Stephen Hrustich, Assistant Chief/Fire Marshal, Gwinnett County (GA) Fire and Emergency Services

Outcome Evaluation of Operation Installation in Reducing Deaths and Injuries from Home Fires – Mary McCoy, Data and Finance Administrator, Injury Prevention Center of Greater Dallas (TX)

Smoke Alarm Campaign – Lauren Brookins, Captain CRR Specialist, Brighton Area Fire Authority (MI)

3:45 pm – 4:00 pm — **Break - Sponsored by Johns Hopkins Center for Injury Research and Policy**

4:00 pm – 5:30 pm — **General Session B**

Presentation of Model Programs

Fire Sprinklers in Rapid City – Tim Behlings, Division Chief, Rapid City (SD) Fire Department

Youth Fire Prevention and Intervention – Jas Shaw, Shasta (CA) Peer Court Coordinator and Youth Fire Prevention Specialist

Cooking Safety, a Technological Solution – Stephen Rucker, Fire Marshal, Sandusky (OH) Fire Department

6:00 pm – 9:00 pm — **Welcome Reception and Exhibits Sponsored by First Alert**

Agenda

FRIDAY MARCH 11

7:00 am – 8:00 am	**Continental Breakfast Sponsored by Duracell/Energizer**
8:00 am – 9:15 am	**General Session C** **Presentation of Model Programs** *Project R.I.S.K. (Residential/Inspection/Smoke Alarms/Knowledge)* –Howard Lagomarsino, Division Chief/Fire Marshal, Albemarle Fire Rescue (VA) *Senior Outreach – The Power of Partnerships* – Jim Resnick, Program Manager for Senior Outreach and Education, Montgomery County Fire and Rescue Service (MD) *Smoke Alarm Installations: Windows of Opportunity and Lessons Learned from a Mostly Volunteer Combination Department* – Chris Switala, Lieutenant, Mt. Lebanon Fire Department (PA)
9:15 am– 9:30 am	**Break**
9:30 am – 10:25 am	**General Session D** **Presentation of Model Programs** *Community Risk Based Inspection and Enforcement Program* – Angela Donn, Program Specialist, Kitsap County (WA) Fire Marshal's Office *Partnership for L.I.F.E. (Learning in Firesafe Environments)* – Cina Sunderhaus, Chandler (AZ) Fire, Health and Medical
10:25 am – 10:40 am	**Break – Sponsored by Pioneering Technology/SmartBurner**
10:40 am – 12:15 pm	**General Session D Continued** **National Programs to Support CRR** *Remembering When* - Karen Berard-Reed, Senior Project Manager, High Risk Outreach in Public Education, NFPA *USFA Programs and Training* - Sandra Facinoli, Chief, Prevention and Information Branch/ National Fire Programs, USFA *Home Fire Campaign* – Zach Cahalan, Director, Major Preparedness Initiatives, American Red Cross *Study of a Novel Partnership for Installing Smoke Alarms* – Andrea Gielen, Professor and Director, Johns Hopkins Center for Injury Research and Policy

Agenda

FRIDAY MARCH 11

12:15 pm – 1:45 pm	**Lunch Sponsored by IFSTA , OSU Fire Protection Publications** –Host, Nancy Trench *Risk Assessment Tools: Defining the US Residential Fire Risk* –Marty Ahrens, Manager Fire Analysis Services, NFPA *Assistance to Firefighters Grants, Then and Now* –Maggie Wilson, Supervisory Program Specialist, DHS FEMA
2:00 pm – 5:20 pm	**Breakout Sessions** **Attend all Three – Each Breakout Session is 60 Minutes with 10 Min Breaks Between** 1. *Community Risk Reduction* – Guides for Risk Assessment, Planning, and Conducting Home Visits 2. *The Customized Toolbox* – Hands-on experience using the Materials Generator, an online tool for customizing educational materials for your community 3. *New and Noteworthy* – Updates to codes, regulations, and reports that impact CRR
5:30 – 6:30 pm	**Social Time with Exhibitors and Speakers**
6:30 – 8:30 pm	**Dinner** *In Honor of The Charleston 9: A Study of Change Following Tragedy-Special Guest*, Dr. David Griffin

SATURDAY MARCH 12

7:00 am - 8:00 am	**Continental Breakfast**
8:00 am - 9:00 am	**General Session E** **Presentation of Model Programs** *Get Alarmed Tennessee* - Gary West, Deputy Commissioner of Fire Prevention, TN State Fire Marshal's Office *No More Fire Deaths* - Derrick Sawyer, Fire Commissioner, Philadelphia Fire Department (PA) *Fire Data in a Serious State* - Sara Wood, NFIRS Program Manager, Office of State Fire Marshal (KS)
9:30 am - 11:00 am	**Facilitated Discussion by FEMA Region**
11:15 am - 2:15 pm	**Luncheon and Closing Session Sponsored by PennWell Fire Group** **Welcome - Bobby Halton, PennWell** **Call To Action** **What Works for Us** **Personal Perspectives - The Value of Prevention - Special Guests**

Sponsors

Thanks to all our Exhibitors for supporting the Symposium with model products, programs and services to help reduce fire deaths, injuries and property loss in America.

First Alert is America's most trusted, recognized brand in home safety, helping to protect what matters most. From children and family to your home and business, our mission is helping protect the lives, well-being and valuables of our customers. Our products offer a sense of preparedness and assurance that enable a higher quality of life.

We are recognized by our premium standard of smoke alarms, carbon monoxide alarms, fire extinguishers, safes, security cameras and so much more. No other manufacturer offers as versatile of a product line, while also driving expansion in the safety category with such innovative products as Tundra Fire Extinguishing Spray. We are the consumers' #1 destination for fire and home safety information.

Furthermore, First Alert takes great pride in community involvement including a longstanding, extensive outreach to the fire service throughout the nation. We have been a proud contributor to Vision 20/20's mission, particularly to the education and outreach efforts of Strategy 2. And we continue to support countless organizations to assist in raising awareness in fire prevention, carbon monoxide, and overall safety.

IFSTA is a worldwide leader publishing fire and emergency responder training materials to meet the ever demanding needs of first responders in America and the world. With partners across the globe IFSTA materials have been translated into multiple languages including Arabic, French and Japanese.

IFSTA is proud to be the partner in training with Vision 20/20. ResourceOne hosts the online training courses prepared by Vision 20/20 and available at no cost to all users.

A full range of IFSTA textbooks prepare fire and emergency service personnel to be full participants in community risk reduction. These nine books are on display at the Symposium.

IFSTA Exam Prep Plus Apps have quickly risen to be top sellers in the App Store and Google Play offering a mobile product for emergency responders to study on the go as they prepare to pass certification examinations. The textbooks are available in print and as eBooks.

Fire Protection Publications, IFSTA headquarters, in partnership with Oklahoma Able Tech is a center of excellence in providing home fire safety programs to people with disabilities.

This exhibit will showcase the IFSTA product line of fire and emergency response training materials including materials that support the Vision 20/20 Strategies.

Sponsors

PennWell FIRE GROUP™

For more than 138 years, PennWell has served the fire industry with an unsurpassed reputation for quality training with a long-standing mission to "Train the fire service." The PennWell Fire Group is a unique collection of publications, online properties and live events that possess an unparalleled heritage within the industry that effectively reach the entire fire-service community. While each of our individual brands is unique in its content and scope, they work synergistically to provide the pinnacle of information to the fire service. Simply, the PennWell Fire Group is an extensive arsenal of information within print and digital media.

About PennWell Corporation:
Founded in 1910 in Tulsa, Oklahoma, PennWell Corporation is a privately held and highly diversified business-to-business media and marketing services company that provides quality content and integrated marketing solutions for the following industries: Electric power generation and delivery, hydropower, renewable energy, water and wastewater, oil & gas, electronics, optoelectronics, fiber-optics, aerospace and avionics, LEDs and lighting, fire and emergency services, and dental. PennWell publishes over 130 print and online magazines and newsletters, conducts 60 conferences and exhibitions on six continents, and has an extensive offering of books, maps, websites, research and database services.

DURACELL® Energizer Holdings, Inc.

Duracell and Energizer are global leaders in the design and manufacture of batteries and offer a wide variety of reliable power solutions for life-safety devices. For over 25 years Energizer has been promoting fire safety awareness by reminding people of the simple, life-saving habit of changing and testing batteries in smoke alarms and carbon monoxide detectors through its "Change Your Clock, Change Your Battery Program."
Duracell and Energizer are committed to consumer safety and the reliability of battery-powered products. In our exhibit we will be raising awareness about the need to test the batteries that power your life safety devices as well as discussing the potential limitations of 10-year batteries.

Sponsors

Johns Hopkins Bloomberg School

Since 1987 the Center, based at the Johns Hopkins Bloomberg School of Public Health, has led the effort to redefine injury as a pressing public health problem, promote injury prevention as a scientific discipline, save lives, and reduce disability from injuries -- like those caused by motor vehicles, violence, prescription drug overdose, and fires. The Center conducts groundbreaking research, trains students and practitioners, and collaborates with government, nonprofit, and corporate partners worldwide.

Our mission to close the gap between research and practice is accomplished by measuring the incidence and impact of injuries, determining the underlying causes, creating effective solutions, and translating evidence-based research into effective policies and programs. A strong partner of Vision 20/20 and member of the Steering Committee, the Center facilitated the National Smoke Alarm Summit in March of 2015.

This exhibit features the Center's recent fire-related research and guidance on best practices to reduce the burden of fire in America.

Pioneering Technology

Pioneering Technology Corporation is North America's leader in cooking fire prevention technologies and products. The Company's two flagship products Safe-T-element® and SmartBurner™ include patented "temperature limiting control™" technology that help prevent cooking fires on electric coiled ranges while also saving energy. This proven, innovative technology has been installed on over 150,000 ranges around the world with ZERO cooking fires reported.

The original Safe-T-element® requires a professional installation and is available as an aftermarket installation or pre-equipped on new ranges to the multi-residential housing community. Smart Burner™ is the new easy-to-install consumer version of the Safe-T-element, delivering all of the same benefits and more, but now available to the general public at www.homedepot.com.

Sponsors

WITH ADDITIONAL SUPPORT FROM:

Esri has provided funding to support the development of tools to help local fire departments conduct community risk reduction (CRR) planning activities. Their generous donations have allowed Vision 20/20 to develop two separate guides; one for conducting local community risk assessments, and the other for developing local CRR plans.

These guides are available free of charge at www.strategicfire.org to any fire department that wants to take solid steps toward an integrated approach to CRR that can help improve public and firefighter safety, manage increasing call volumes and enhance community relationships.

MOTOROLA SOLUTIONS FOUNDATION

The Motorola Solutions Foundation is the charitable arm of Motorola Solutions, which seeks to benefit the communities where it operates. The foundation achieves this by making strategic grants, forging strong community partnerships and fostering innovation. The Motorola Solutions Foundation focuses its funding on public safety, disaster relief, employee programs and education, especially science, technology, engineering and math programming.

Vision 20/20 has been grateful to receive funding for the past two years from the Motorola Solutions Foundation to launch a new way to share information of proven Community Risk Reduction methods for the fire service. "Works for Us" is a series of video testimonials from CRR practitioners explaining innovative approaches that proved successful in their communities.

Premium Exhibitors

Mobile Concepts was the first company to design and manufacture fire safety training trailers with our end user's specific needs in mind. every element of our trailers is engineered to provide a premier training simulator for our customers and their communities.

Our fire prevention products include the Original SCOTTY Fire Safety House, and the Sprinkler Demonstration Trailer. Our newest model is the Safety House Next Generation which is equipped with a proprietary educational curriculum, built-in technology and dramatic special effects. FEMA Fire Prevention and Safety Grants have funded hundreds of our trailers since 2001. Saving lives through effective training is our goal.

The National Center for the Review and Prevention of Child Deaths is a resource and data center for the nearly 1400 Child Death Review (CDR) teams around the country. CDR teams review child fire deaths to determine the circumstances of the deaths and make recommendations for action that might prevent the next similar fire death from happening.

NCRPCD received funds from FEMA/DHS for its Sound Off for the Home Fire Safety Patrol. This unique school-based program for children in Grades 2 and 3 helps high-risk children and families learn about smoke alarms and reach out to their local fire department to request a home safety visit.

Pilot teams in five communities (urban and rural, 5 different states) documented a 37% increase in knowledge and installed more than 4,000 smoke alarms in low-income homes. In year two, the program was expanded to 17 additional sites. Every Symposium attendee will receive a free copy of the Sound Off Program by visiting our booth.

The National Fire Protection Association (NFPA) is a global nonprofit organization devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards. Our mission is to help save lives and reduce loss with information, knowledge and passion. This comes in many forms; support for the development, adoption and enforcement of our 300 codes and standards, research and data analysis, technical training and certification, outreach and advocacy, and public education.

As part of NFPA's commitment to eliminate fire deaths and injuries through effective public education programs and information, NFPA strives to be the source for fire and life safety information. With help from our official mascot, Sparky the Fire Dog®, and our national outreach efforts, like our public education specialists, public education network, Safety Source e-newsletter, Remembering When™ program, Learn Not to Burn® programs, and our annual Fire Prevention Week campaign, NFPA is helping to make the world a safer place.

Visit the NFPA exhibit and learn about educational resources available from NFPA and have the opportunity to speak with a fire safety education expert. NFPA will be presenting new resources to address leading causes of fires and best approaches to working within your community to reduce fires and fire related injuries.

Exhibitors

American Red Cross

The Home Fire Campaign is a national coalition effort led by the Red Cross to reduce deaths and injuries from home fires 25% by the end of 2019.

Working together in communities across the country, the Red Cross, local fire departments and additional partners are establishing local coalitions of fire departments, houses of worship, businesses, schools, social service agencies, neighborhood leaders and others to mobilize resources and volunteers in support of fire safety and preparedness. The Home Fire Campaign is focused especially on supporting at-risk neighborhoods; where coalitions will develop and carry out numerous activities over the course of the five year campaign, including three campaign cornerstone activities:

Door-to-door installation of smoke alarms and completion of home-safety checklists and plans in vulnerable neighborhoods;

- Engagement of youth in classrooms and after school with technology, challenges and science-based education;
- A marketing and public relations campaign to motivate people to take action to save themselves, their families and their neighbors by checking smoke alarms and practicing their escape when their alarm goes off.
- From program launch in October 2014 through January 2016, this coalition effort has already helped save 48 lives by installing over 264,000 smoke alarms in over 120,000 homes across the nation.

The Center for Public Safety Excellence, Inc. (CPSE)

The Center for Public Safety Excellence, Inc. (CPSE) helps public safety agencies around the world streamline and improve the services they provide their communities. CPSE accredits fire and emergency service agencies and credentials fire and emergency service officers at all levels. CPSE supports and assists emergency services agencies seeking to conform to CPSE performance and competency measures through its Technical Advisor Program.

The CPSE will be discussing fire agency accreditation as a strategy for improving the performance of fire and rescue departments and reducing community risk.

Exhibitors

InspectionReportsOnline.net (IROL)

InspectionReportsOnline.net (IROL) is a simple web-based solution for compliance of fire and life safety inspection, testing and maintenance (ITM) records for Authorities Having Jurisdiction (i.e. Fire Prevention Bureaus), Service Providers (i.e. Inspection Companies), and Commercial Property Owners/Occupants.

IROL connects the stakeholders involved in fire prevention and community risk reduction. Our advanced technology was designed with immediate notifications of deficient, due and or past-due inspections for all parties. We also offer additional prevention and inspection solutions.

Our exhibit will share information on how to leverage community compliance of fire and life safety systems implementing web-based technology.

Keep Kids Fire Safe© Foundation (KKFSF)

Keep Kids Fire Safe© Foundation (KKFSF) is a federally recognized 501(c)(3) non-profit charitable organization dedicated to teaching fire safety knowledge and skills to children and their caregivers based on fire safety research to reduce fire-related deaths and injuries. Three of the foundation's most popular programs include:

1) 'Learning about Fire Safety is Fun' Skype Program open to schools, organizations and library programs globally.

2) 'Safety Spot' Weekly live streaming program from Sparkles' Clubhouse disseminating fire safety tips.

3) 'Reading with Molly' Includes children's fire safety book, 'Sparkles the Fire Safety Dog', songs, crawling low under smoke, and Jr. Firefighter Oath.

Kidde

Kidde is a leading manufacturer of residential smoke alarms, carbon monoxide (CO) alarms and fire extinguishers, and has been delivering advanced fire-safety technology since it produced the first integrated smoke detection and carbon dioxide extinguishing system nearly 100 years ago.

Kidde will be demonstrating the importance of having a continuous flow of power to a smoke and/or CO alarm and the advent of new smart home products that help you remain connected to the home when you are away.

Exhibitors

Safe Communities America

Safe Communities America offers an accreditation and recognition to communities that make a commitment to safety. It's a five-year accreditation that involves an external application review process and site visit. Upon accreditation, communities join a network of Safe Communities in the United States, Australia, New Zealand and Canada, a group working closely with the World Health Organization.

This exhibit will focus on Safe Communities America and the opportunity for fire prevention/risk reduction community to get involved.

Nest

Nest's mission is to create a home that's thoughtful, that takes care of itself and the people inside it. Our products include Nest Learning Thermostat™ and Nest Energy Services, Nest Protect: Smoke + Carbon Monoxide™ alarm and Nest Cam™. The Nest Developer Program, Works with Nest, makes it possible for Nest devices to interact with other products in your home to do even more. Nest products are sold in the U.S., U.K., Canada, France, Belgium, Ireland and the Netherlands and are installed in more than 190 countries. For more information, visit www.nest.com.

The Society of Fire Protection Engineers (SFPE)

The Society of Fire Protection Engineers (SFPE) is the professional society representing those practicing the field of fire protection engineering including over 4,200 members, 66 regional / local chapters, and 15 student chapters worldwide. Our purpose is to advance the science and practice of fire protection engineering and its allied fields, to maintain a high ethical standard among its members and to foster fire protection engineering education.

SFPE supports the development of the annual Professional Engineer licensing exam in fire protection and the grading of those exams under the National Council of Examiners for Engineering and Surveying (NCEES).

The U.S. Fire Administration

The U.S. Fire Administration provides national leadership on behalf of the U.S. government to support fire and emergency services departments in fire and all hazards prevention, preparedness and response. We cultivate and share data, research, training and education to help the fire and emergency services keep America safe. We are the proud host organization for the Fire is Everyone's Fight national initiative.

State Representatives

Alabama	Alan Martin, Scott Pilgreen
Alaska	Abner Hoage, Michael Warzewick
Arizona	Glenn D'Auria, Jim Ford
Arkansas	Ben Hammond
California	Tonya Hoover, Patricia Koch
Colorado	Rob Geislinger, Bruce Kral
Connecticut	Terri Trenholm
Delaware	Michael Lowe, Kimberly O'Malley
District of Columbia	Tony Falwell, Aleazor Taylor
Florida	Tim Mossgrove, John Walker
Georgia	Karla Richter, Tim Milligan
Hawaii	Manuel Neves, Robert Perreira
Idaho	Greg Dickens, Rick Ennis
Illinois	George Michehl, Mike Toika
Indiana	David J. Cherrone
Iowa	Randal E. Novak, Johnathan Lund
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Kentucky	Michael Morgan, Greg Schultz
Louisiana	Robert Benoit, Keith Crimen, Jr.
Maine	Richard McCarthy, Michael Thurlow
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Michigan	Michael Evans, Kyle Svoboda
Minnesota	Sara Ahlquist, Amanda Swenson
Mississippi	Paige Bailey, Ruben Brown, Sr.
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Montana	Sally McKenna
Nebraska	Raymond Nance
Nevada	David Klein
New Hampshire	Kevin P. LaChapelle, Stacey Dubois
New Jersey	Charles Lavin
New Mexico	Jeffrey Broom, Ray Wolf
New York	Rick Nemier, Guy Swartwout
North Carolina	Dolly Hulin, Jan Parker
North Dakota	Brian Andersen, Ken Sisk
Ohio	Richard Palmer
Oklahoma	Sean Douglas, Louis J. Marschik
Oregon	Susie Maniscalco, Claire McGrew
Pennsylvania	Kraig Herman
Rhode Island	Joe Bongiorno
South Carolina	Steve Graham, Anthony Scoggin
South Dakota	Doug Hinkle, Dean Lanier
Tennessee	Eric Turner , Gary L. West
Texas	Mathew Hodges, Robert Isbell
Utah	Edward "Ted" Black, Brandon Thueson
Vermont	Michael D. Greenia, Barry Simays
Virginia	Keith Brower, Ron Reynolds
Washington	Greg Rogers, Ben Shearer
West Virginia	Phil Hart, Courtney Rosemond
Wisconsin	Gregg Cleveland, Peter O'Leary
Wyoming	Chris Kocher, Dan Johnson

Speakers

Marty Ahrens
Marty is Senior Manager, Fire Analysis Services in the Fire Analysis and Research Division of the National Fire Protection Association. She came to NFPA in 1997 after 11 years as the Research Analyst/Fire Incident Reporting System Coordinator in the Massachusetts State Marshal's office. In addition to her managerial responsibilities at NFPA, she also analyzes fire data to provide national estimates of various aspects of the fire problem. She has written reports about home fires, smoke alarms, cooking fires, candle fires, vehicle fires, and fires in various occupancies, as well as chapters in several NFPA publications. She also collaborates regularly with other national fire data analysts. Marty has an MSW from Boston University and a BA in Psychology from the University of Connecticut.

Meri-K Appy
Meri-K Appy is a leader in fire and life safety education with a proven track record in creating and implementing effective injury prevention initiatives. Appy specializes in simplifying safety messages, concepts and strategies for greatest impact, especially for audiences at highest risk.

Appy served as Vice President for Public Education at NFPA from 1989 – 2003, as President of the Home Safety Council from 2003- 2010, and as President of Safe Kids USA until December, 2011. Now head of her own consulting company, she is a member of the Vision 20/20 Executive Committee and facilitates the Strategy 2 task group, the team that created the new Fire Safety Materials Generator. Appy is also Project Manager for Sound Off with the Home Fire Safety Patrol, an exciting new school-based program from the National Center for Fatality Review & Prevention (NCFRP).

Appy serves on the IAFC Fire and Life Safety Section Board and on the Johns Hopkins Center for Injury Research and Policy Advisory Committee.

Tim Behlings
Tim is Division Chief/Fire Marshal at the Rapid City Fire Department and has served the South Dakota fire service for 34 years beginning in 1982 as a volunteer firefighter in Custer, his home. His career includes positions as a South Dakota Deputy State Fire Marshal, State Inspector (1990-1999) and with the Rapid City Fire Department (1999-present). The last 17 years have been spent in the Rapid City Fire Department Fire and Life Safety Division conducting Inspections, Plan Reviews, Code development, Training and Investigations. In 2009 he was promoted to Division Chief / Fire Marshal. He is recognized as a non-typical Fire Marshal, encouraging creative out of the box solutions to meet the objectives of adopted codes and standards. His philosophy places a greater emphasis on educating and problem solving verses enforcement activities. Being a stanch community risk reduction and fire sprinkler advocate has given Tim the opportunity of allowing Rapid City's experiences to be shared across the State of South Dakota, including testimony before the State Legislature. Promoting public safety has been a passion and not just a job for Tim, wife Jenny of 29 years and their two sons.

Karen Berard-Reed
Karen Berard-Reed works in the public education division of the National Fire Protection Association as a senior project manager. She oversees NFPA's high-risk outreach public education activities which have a focus on safety for young children, older adults, and underserved communities. Karen has 20 years of experience in the prevention field working in K-12 public schools, higher education, and community settings. She is also an instructor at the National Fire Academy in Emmitsburg, Maryland.

Lauren Brookins
Lauren is a Captain with the Brighton Area Fire Authority and is a 14 year veteran with the department. She is the department's Community Risk Reduction Specialist and responsible for Public Fire Education as well as serving as a training coordinator for the Community Awareness programs. She is a State of Michigan certified Firefighter II, Michigan Certified Fire Officer III, NFPA Certified Fire Inspector, a certified Train the trainer for the American Health and Safety Institute programs.

She is an active member of the Michigan Fire Inspectors Society where she serves on their Statewide Smoke Alarm Campaign, Public Fire Education Committee, and planning committee.

Zach Cahalan
Mr. Cahalan is the Director, Major Preparedness Initiatives, for the American Red Cross. He provides leadership, strategic direction, and program administration to the organization's efforts to implement major preparedness initiatives and projects such as the Home Fire Campaign.

During the course of his career, he has served in multiple disaster relief operations throughout the United States, including Hurricane Sandy. He has held several roles within the organization through seven years of service and has a strong background in emergency management, program design, and evaluation.

Zach Cahalan earned his B.S. in Education from Central Michigan University and his M.A. in International Development Administration from Western Michigan University. He is additionally enrolled the Red Cross LEAD program, a focused Executive Leadership Development Program through the American Red Cross.

Angela Donn
Angela Donn is a Program Specialist with the Kitsap County Fire Marshal's Office – and is in charge of the County's periodic fire inspection "Risk Check" program. Prior to working for the Fire Marshal she spent two years working for the County's Building Department as inspection coordinator, records and administrative specialist.

Angela has a degree in Legal Assistance and holds a yellow belt in Lean Process Management.

Speakers

Sandy Facinoli
Sandy is Chief of the Prevention and Information Branch, United States Fire Administration. Her branch is responsible for leading the Fire is Everyone's Fight ™ national initiative involving partners from across the United States. Her team manages the USFA website and social media program, the National Emergency Training Center's Library, the Publications and Media Production Centers, and the national network of fire marshals—PARADE. The branch also manages the USFA conference/exhibit program, the campus fire safety program, the Hotel/Motel Master List of lodging properties that meet fire safety requirements, the Prevention and Public Education Exchange, and the Fighting Fire on Federal Property Reimbursement Program. They provide liaison for USFA with national organizations involved in fire and life safety including Vision 20/20, the National Volunteer Fire Council, the National Association of State Fire Marshals, the American Red Cross, the Council for Disaster Education (American Red Cross), and the Home Fire Sprinkler Coalition.

Before joining the USFA, Sandy worked at the US Department of Agriculture in the Office of the Chief Information Officer, the National Agricultural Library, and the Food Safety and Inspection Service. She holds a Master of Science degree and lives in Frederick, Maryland with her husband, Robert Graham.

Andrea Gielen, ScD, ScM
Andrea is Professor and Director of the Johns Hopkins Center for Injury Research and Policy. Before coming to Hopkins, she worked as a community health educator for the Maryland Department of Health and Mental Hygiene. Dr. Gielen's work focuses on creating community and clinic-based programs to reduce home injuries, including those caused by fire and burns. She is currently evaluating a mobile app that teaches families about home fire safety and car seat safety. A recently completed study demonstrated the added benefit to fire departments of partnering with community health workers to deliver home safety education, smoke alarms, and carbon monoxide alarms. With a team of collaborators, Dr. Gielen created the Children's Safety Center in the Johns Hopkins Children's Center. Families receive personalized, free safety education and low cost safety product, and it is a model program that has been replicated by children's hospitals around the country. In partnership with the Baltimore City Fire Department a mobile safety center brings lifesaving information, low cost safety products, and free smoke alarms to the community.

Dr. David Griffin
Dr. David Griffin is a Captain with the City of Charleston Fire Department in Charleston, South Carolina. He was the operator of the first due engine on June 18, 2007 when nine of his fellow firefighters perished in the line of duty. He has a Bachelor of Science in education from The Citadel, a Master of Science in executive fire service leadership, and a Doctorate of Education in organizational leadership and development. He is the author of the Best Seller In Honor of The Charleston 9: A Study of Change Following Tragedy and ACTION: 9 Missions for Personal and Professional Growth. David is also an international speaker and instructor, a certified Chief Training Officer and Fire Officer with The Center for Public Safety Excellence, is currently completing the Executive Fire Office Program at The National Fire Academy, and owner of On A Mission, LLC at drdavidgriffin.com.

Bobby Halton
Chief Bobby Halton ret. is the editor in chief of Fire Engineering magazine and education director of the Fire Department Instructors Conference (FDIC) since 2005. Chief Halton is also the Editorial Director for Fire Rescue and Fire Apparatus magazines as well as Firefighter Nation website. Chief Halton is a native New Yorker whose family has deep roots in the fire service and law enforcement communities. He began his career in structural firefighting with the Albuquerque (NM) Fire Department and rose through the ranks to include chief of training. Bobby was chief of operations until his retirement from Albuquerque in 2004. He then became chief of the Coppell (TX) Fire Department, Bobby left Coppell to assume the duties as editor in chief of Fire Engineering Magazine. Chief Halton is currently a member and Assistant Chief of Training for the Limestone Volunteer Fire Department in Collinsville Oklahoma.

Stephen Hrustich
Chief Hrustich is a 31 year veteran of the fire service and currently serves as the Assistant Chief overseeing the Community Risk Reduction Division of Gwinnett County Fire and Emergency Services in the metro Atlanta area. He is a graduate of the National Fire Academy's Executive Fire Officer Program and a dual designate as a Chief Fire Officer (CFO) and Fire Marshal (FM) from the Center for Public Safety Excellence. He holds a MS in Executive Fire Leadership from Grand Canyon University and a BS in Computer Science/Mathematics and AS in Fire Science both from Binghamton University. Chief Hrustich is an instructor and course developer for the fire prevention and leadership curriculum at the NFA. He also serves on the IAFC Fire & Life Safety Section board and is the IAFC representative on the correlating committee for the NFPA 101 Life Safety Code. Chief Hrustich works closely with Vision 2020 as a CRR technical advisor and member of the Community Risk Reduction Leadership Team promoting CRR advocacy across the U.S. fire service.

Bruce Johnson
Bruce is a currently a Senior Regulatory Engineer in UL's Codes and Advisory Services Department. Bruce previously worked for the International Code Council (ICC), heading up their national fire service activities program. He is an Adjunct College Instructor at SUNY Empire State College instructing in the areas of emergency management, ire department administration, fire investigation, fire prevention, community risk reduction and fire protection structures and systems. He has extensive expertise in building construction and fire prevention codes, code and standard development and code

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administration. Bruce has instructed numerous courses on topics of fireground operations, fire officer development, fire protection systems and code administration.

Bruce served seventeen years as a Deputy Chief – Fire Instructor at the Suffolk County Fire Academy. He was also a NYS Certified Code Enforcement Official and Fire Marshal for Riverhead Township. He has earned Bachelor degrees in Fire Service Administration and Accounting and a Master's Degree in Business Administration..

Howard Lagomarsino

Howard has served in public safety for over 30 years and filled a variety of Operational, Administrative, Training and Community Risk Reduction functions within the fire service and law enforcement communities. These roles included Firefighter, Emergency Medical Technician, Police Officer, Detective, Police Sergeant, Hazardous Materials Technician, Driver Operator, Lieutenant, Training Officer, Advisor, Assistant Fire Marshal, Fire Marshal, Assistant Chief and Division Chief.

Training/experience included Fire Officer (NFPA 1021), Fire Investigator (NFPA 1033), Virginia Law Enforcement Officer, Forensics, Fire Inspector (NFPA 1031), Fire & Life Safety Educator (NFPA 1035), Fire Instructor (NFPA 1041), Firefighter (NFPA 1001) Emergency Medical Technician, Hazardous Materials Technician (NFPA 472), WMD/CBRNE, Environmental Crimes, Incident Command (ICS), Leadership, Management, HPO, Strategic Planning, Virginia Tech Master's Certificate - Public Administration-Local Government Management.

Since 2011 Howard has served as a Division Chief for the Albemarle County Fire Rescue Department in Charlottesville, Virginia. His responsibilities included the role of Fire Marshal/Fire Official for the County analyzing needs, establishing Community Risk Reduction initiatives system wide, establishing a culture focused on proactive operations versus reactive response and reporting directly to Chief and Deputy Chief.

Patricia Mieszala, RN

A native of Chicago, Pat has 45 years of experience and national-international recognition in the areas of psychiatry, burn care, rehabilitation, prevention, fire/life safety, youth firesetting and injury prevention. She served Vision 20/20 in the past as a member of the Steering Committee and is now a Technical Advisor, assisting with development/revision of materials, and as an instructor for the one day "Evaluation and Performance Measures"; and "Community Risk Reduction" classes. Pat is NFPA's Education Section Executive Board Past Chair, and also serves on NFPA's Educational Messages Advisory Committee and on the NFPA 1035 Standard Technical Committee. Her ongoing work and focus on youth firesetting, burn awareness and prevention continues through current IAFF AFG Grant projects. She has a long standing history as a public education course developer and instructor for the National Fire Academy, and U.S. Fire Administration initiatives related to youth firesetting. Her work has taken her to all fifty states, Puerto Rico, and most Canadian provinces. Among her many recognitions, Pat is the recipient of the Home Safety Council and Congressional Fire Services Institute, 2009 Dr. Anne Phillips Leadership in Public Fire Safety Education Award.

Mary McCoy

Mary McCoy is one of the original staff members of the Injury Prevention Center of Greater Dallas. She joined the Center as a data analyst in 1994. She is responsible for data collecting, evaluation and financial management of the center. Mary also coordinates Operation Installation, smoke alarm installation program with the Dallas Fire Department. She holds a Master in Public Health from University of Texas Health Science Center in Houston.

Lori Moore-Merrell, DrPH, MPH, EMT-P

Dr. Moore-Merrell is an Assistant to the President of the International Association of Fire Fighters (IAFF). Her expertise is in emergency response system design, staffing and deployment of mobile resources, system performance measurement and evaluation. She as managed emergency response system evaluation teams, including geographic information systems (GIS) analysis, in more than 500 fire departments throughout North America. Lori's experience and educational background includes 7 years of service as a fire/paramedic with the City of Memphis. She holds a Bachelor of Science degree in Education, a Master of Public Health degree in Epidemiology and a Doctor of Public Health degree in Quality Performance Measurement from The George Washington University School of Public Health.

She has been awarded the James O. Page Achievement award by the EMS Section of the IAFC, the IAFC President's Award for commitment to firefighter safety, the Dr. John Granito Award for Excellence in Fire Leadership and Management Research, and the Metropolitan Fire Chiefs President's Award of Distinction. Dr. Moore-Merrell has served as co-principal investigator on a series of research projects, funded by DHS, Assistance to Firefighters Grants to develop tools to be used by local fire department officials to assess community risks/hazards and plan resource deployment based on those risks. The Multiphase Study on Firefighter Safety and Deployment of Resources spans more than 10 years of research and has so far contributed four landmark reports and associated materials to the fire service industry.

Jim Resnick

Jim Resnick serves as Program Manager for Senior Outreach and Education, Montgomery County Fire and Rescue Service.

Jim is a retired Battalion Fire Chief for Montgomery County with nearly 40 years of combined experience as a career and volunteer firefighter and paramedic. In his current role, Jim provides educational programs for seniors on topics including fire and injury prevention and he provides comprehensive outreach programs includ-

Speakers

ing home safety checks. The goal of these efforts is to reduce the incidence of preventable injuries and illnesses that result in 911 calls from Montgomery County's senior citizens. Through the Senior Outreach and Education program Jim has done over 500 home safety checks for seniors, ensuring that they have working smoke detectors and a realistic fire escape plan as part of a comprehensive "safety check up". Jim is a graduate of the University of Maryland – Baltimore County with a BA in Geography. He lives in Montgomery County with his wife and one of his three sons (the other two are off to college – yeah!).

Greg Rogers

Greg Rogers is the Fire Marshal for Spokane Valley Fire Department, in Spokane Valley, Washington. Greg has a Bachelor of Science Degree in Engineering Technology- Fire Protection and Safety, and is currently working on a Masters Degree in Fire Emergency Management Administration, through Oklahoma State University.

Greg has been in the fire service for 24 years, starting as an instructor in 1992 at the Oklahoma State Fire Service Training Center, in Stillwater, Oklahoma. His previous experience includes Fire Prevention Manager for the South Kitsap Fire and Rescue, and a Fire Safety Engineer with North Metro Fire Rescue in Broomfield, Colorado. Also sever as Peer reviewer for the CPSE and assigned to reimagining group for the next phase of CPSE.

Greg has developed and taught several courses in Washington, Oregon and Colorado, including International Fire Code classes, Fire Company Officer Inspection classes, as well as Basic Understanding of the Fire Code and Basic Fire Investigations classes for Olympic College.

Steve Rucker

Steve Rucker is the Fire Marshal for the Sandusky Fire Department in Sandusky Ohio with 14 years in the fire service. Steve is certified by the State of Ohio as a Firefighter II, Basic EMT, and Fire Safety Inspector. He has served on a panel speaking on the "Engineering Solutions for Fire and Nuisance Alarms" at the Campus Safety Expo, Columbus Ohio. He spoke at the Ohio Fire Chief's Conference on the value of a Vacant/Abandoned commercial registration ordinance. He was instrumental in the development of local vacant building legislation and is responsible for the administration of the Vacant/Abandoned commercial registration program He has attended a Basic Fire Investigation course through the Bowling Green State University-Fire School. Steve has also completed the Origin and Cause curriculum at the National Fire Academy. He works closely with the Sandusky Law Department, Commercial and Residential Code Enforcement in the development of legislation and policy. He believes that the fire service must be proactive in its risk assessment processes, allowing us to responsibly utilize our resources.

Derrick Sawyer

Fire Commissioner of the Philadelphia Fire Department (PFD), Derrick Sawyer heads the 5th largest fire and emergency services department in the country. Since entering the PFD in 1985, Fire Commissioner Sawyer has developed in-depth experience as a first-responder amidst an urban landscape that demands diversity in skill, critical training, and keen analytical decision making. Over 2100 members are under his command. With a passion for educating the community on the merits of safety and preparedness, he has become a sought after public speaker and revels in the challenge at hand. Over the past decade Fire Commissioner Sawyer has traveled the globe to educate diverse communities on the effectiveness of Community Risk Reduction, prevention and fire & life safety education.

Fire Commissioner Sawyer is a graduate of the National Fire Academy's Executive Fire Officer Program, the Carl Holmes Executive Development Institute and obtaining certifications as Fire Officer IV, Fire Instructor II, Fire Inspector, Hazardous Material Technician, and Firefighter II. He holds an Associate Degree in Fire Science from Community College of Philadelphia, a Bachelor of Arts Degree in Public Safety Administration from Holy Family University, and a Master's of Science Degree in Homeland Security from Saint Joseph's University.

Victor Stagnaro

Victor Stagnaro joined the staff of the National Fallen Firefighters Foundation in early 2010. He serves as the Director of Fire Service Programs, which includes the Everyone Goes Home®, the Local Assistance State Teams and the Taking Care of Our Own programs and courses. Victor's involvement with the NFFF dates back to 1998, when he served as the Incident Commander for the Memorial Weekend. He also assisted with the Foundations New York Response Team on 9/11. Prior to NFFF, he worked for the Prince George's County Fire/Emergency Medical Services Department. His service includes firefighter and station officer, fire instructor, Public Information Officer, Battalion Chief, Executive Officer to the Fire Chief, Fire Marshal, and Operations Shift Chief, and Deputy Chief of Emergency Operations prior to his departure from the department in 2010. He authored a chapter in Fire Engineering's Handbook for Firefighter I and II on EMS in the Fire Service.

Jas Shaw

"Jas," is a certified paralegal with 11 years of experience in the field. In September 2012, she became the Shasta Youth/Peer Court Coordinator working with Youth Violence Prevention Council. Jas is responsible for the Program from intake through the court process and actively manages over fifty juvenile cases.

Jas is trained in Level I&II Youth Fire-Setter Prevention & Intervention by the NFA & FEMA as well certified in recognizing Youth Fire-setting and Bomb Making. She received the Civilian Award of Exemplary Action for her selfless contribution in assisting the Fire Service community and is considered a specialist in the field.

Speakers

In 2007, Jas and her daughter survived a serious structure fire that left them in the burn unit of two separate hospitals for over three weeks. Jas now shares their story of survival through her work as the co-founder of the Youth Fire-setter Prevention and Intervention Program in partnership with the Shasta Arson Task force. This program evaluates youth and their families for risk factors putting in place restorative actions to prevent further incidents.

Cina Sunderhaus
Cina is the Fire Marshal of Chandler, AZ and manages all aspects of the Fire Prevention Division including inspection, fire investigation and education programs. Native to Arizona, Cina has been in public safety since 1990 serving in a variety of capacities; firefighter, law enforcement officer, assistant fire marshal and fire marshal for several agencies including the US Forest Service, Mesa Fire & Medical Department and Chandler Fire, Health & Medical. Cina holds a BS from Arizona State University and a Master of Leadership from Grand Canyon University. She is an active committee member of the Arizona State Fire Training Committee (ASFTC), three National Fire Protection Association (NFPA) technical committees, the National Fallen Firefighters Arizona Local Assistance State Team (AZ LAST) and an executive board member of the Arizona Fire Marshals Association (AFMA). Cina owns a consulting business and in her down time enjoys remodeling her historic bungalow in Prescott, AZ, spending times with friends (especially those that tell good jokes and make her laugh) and traveling.

Christopher Switala
Christopher Switala is a Lieutenant with the Mt. Lebanon Fire Department in Pittsburgh, PA. He has over 29 years of career and volunteer fire service experience, and has been with the Mt. Lebanon Fire Department since 2001. In addition to suppression responsibilities, Christopher is currently assigned to Community Outreach and Special Operations, and previously served as Fire Inspector. Christopher has a B.S. in Fire Service Administration from the State University of New York, and a B.S. in Chemistry from John Carroll University. He holds numerous professional certifications, including Fire Officer II, Fire Investigator, Fire Inspector III, Plans Examiner II, Fire Instructor I, Hazardous Materials Commander, and Paramedic. Christopher also serves as a member of the Allegheny County Hazardous Materials Team.

Nancy J. Trench
Nancy J. Trench is the Assistant Director at Fire Protection Publications, the publisher of IFSTA training materials, at Oklahoma State University where she has worked for almost 40 years.

Mrs. Trench is recognized nationally as a leader in fire and life safety education. Her expertise includes programs for those at highest risk for home fire deaths and injuries: young children and people with disabilities. She is an advocate for partnerships to build effective risk reduction programs. Mrs. Trench received the second annual Dr. Anne W. Phillips Award for Leadership in Fire Safety Education from The Home Safety Council in 2008. Mrs. Trench formerly managed the state fire training system in Oklahoma.

She has experience designing and delivering training and certification programs for the fire and emergency response community.

Nancy served as an appointed member of the Board of Visitors for the National Fire Academy, an elected member of the National Fire Protection Association (NFPA) Board of Directors, and A Trustee for the Learn Not to Burn Foundation. She currently serves as the chair of the NFPA 1035, She is an alumnus of OSU in Fire Protection and Safety Engineering Technology.

Gary L. West
Chief Gary West has been the Tennessee State Fire Marshal since 2011 and has served his entire career in public service dedicated to helping others. He has been active in emergency services for the past 40 years with extensive experience in fire, EMS and law enforcement. His vast knowledge and passion for saving lives through fire prevention efforts have made him a leader and visionary for reducing deaths, injuries and property loss from fire.

Chief West's educational background includes a Bachelor's Degree in Organizational Management and a Master's Degree in Business Administration. He holds many professional certifications including Chief Code Analyst, certified building and fire inspector, fire investigator, EMS administrator, instructor trainer and hazardous materials specialist. Chief West is also a graduate of the Tennessee Government Executive Institute, serves as vice-chair on the International Code Council Fire Membership Committee, serves on the Board of Directors for the Tennessee Fire Chief's Association and is a on the Board of Directors for the National Association of State Fire Marshals.

Sara Wood
Living in rural Kansas, Sara Wood grew up in the Fire Service alongside her volunteer firefighter dad. As an adult, she gained a background in law enforcement and serves both sides of Public Safety to this day. She started out at the Kansas Bureau of Investigation, serving in positions related to the Criminal Justice Information System. In 2013, Sara moved to the Office of the State Fire Marshal where she uses her background across the state to help fire departments better understand and utilize the information at hand, similar to crime analysis. During the last 2 years, she's focused on learning data science for better applications and data visualization to help spread prevention information. Sara makes her home near Topeka, KS with two young daredevil kids, a pack of canines, and her firefighter husband.

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