

CHARLES D. BAKER
GOVERNOR

KARYN E. POLITO
LT. GOVERNOR

DANIEL BENNETT
SECRETARY

The Commonwealth of Massachusetts
Executive Office of Public Safety and Security
Department of Fire Services

P.O. Box 1025 ~ State Road

Stow, Massachusetts 01775

(978) 567~3100 Fax: (978) 567~3121

www.mass.gov/dfs



PETER J. OSTROSKY
STATE FIRE MARSHAL

MEMORANDUM

TO: Heads of Fire Department

FROM: Peter J. Ostroskey
State Fire Marshal

DATE: June 1, 2016

RE: **2016 Fire and Life Safety Educator of the Year Award**

Nominations are being accepted for the 2016 Massachusetts Fire and Life Safety Educator of the Year Award. This prestigious award is an opportunity to recognize fire educators or community partners who go above and beyond to keep our citizens safe from fire and other preventable injuries.

Please consider nominating a firefighter or someone in your community who you feel would qualify for this honor. The form is attached or can be found online at www.mass.gov/dfs and click on *Public Education Conference* under *What's New*.

The award will be presented at the 2016 Fire and Life Safety Education Conference on Tuesday September 27, 2016.

Educator of the Year Nomination Form

September 26 - 27, 2016



About the Award

Nominations are being accepted for the 2016 Massachusetts Fire and Life Safety Educator of the Year Award. This award is designed to recognize individuals or teams for their involvement and commitment to make our world safer from fire or other preventable injuries. Although fire and life safety education may be their job, we are looking for people who go above and beyond to make a difference. We seek to honor people who demonstrate qualities such as leadership, teamwork, creativity, vision, and perseverance. The winner's name will be inscribed on a perpetual plaque which hangs at the Department of Fire Services. The winner will be invited to participate in fire prevention activities with the State Fire Marshal, and to represent fire and life safety educators at appropriate events throughout the year. The award and the runner-up citations will be presented on September 27, 2016 at the 22nd Annual Fire and Life Safety Education Conference to be held at the Westford Regency Inn & Conference Center.

Who can be nominated

Nominees may be a member of any profession. They may impact the safety of any part or many parts of the community — children, older adults, teens, special groups of citizens or the general public.

Name of Nominee(s) _____

Address _____

City _____ State _____ Zip Code _____

Telephone Number _____

Who can make nominations

Anyone can make a nomination — peers, chief officers, teachers, principals, or citizens. Do you know someone who has made a difference and deserves to be recognized? Let us know who and why.

Name of Nominator(s) _____

Address _____

City _____ State _____ Zip Code _____

Telephone Number _____

Send both pages of this nomination form to:

Mail: Department of Fire Services
Fire & Life Safety Educator of the Year Award
P.O. Box 1025 - State Road
Stow, MA 01775

Fax: 978.567.3199

E-mail: cynthia.ouellette@state.ma.us

Nomination Deadline is August 26, 2016, before Labor Day weekend.

The Public Fire and Life Safety Educator of the Year is selected by a committee appointed by the State Fire Marshal.

Educator of the Year Nomination Form

September 26 - 27, 2016

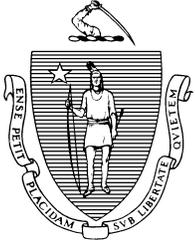


Please explain

Please explain why the nominee deserves special recognition by writing a short answer to the following questions. (Feel free to use an extra sheet of paper.) Since the reviewers will likely not know your town, your answers will help them to understand the nominee's program and why your nominee is someone who is worthy of this award. Please try to answer the questions in detail and give examples. We encourage you to attach supporting materials that demonstrate publicity, successful leveraging of community resources, and community support and involvement such as newspaper articles, handouts, letters, lesson plans, or photos. Remember, you know the program, the reviewer does not. Your answers help them to see the program as you do.

Please use another sheet of paper to answer the following:

1. Why does this nominee deserve special recognition?
2. How successful is the program?
(Any Young Heroes? Statistics? Behavior changes by the public or inside the organization?)
3. What is innovative or creative about the approach?
4. What partnerships were built?
(Within or between agencies?)
5. What leadership was shown?
6. What obstacles were surmounted or challenges faced?



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PETER J. OSTROSKY
STATE FIRE MARSHAL

To: Heads of Fire Departments

From: Peter J. Ostroskey
State Fire Marshal

Date: June 1, 2016

RE: **Summer 2016 Fireworks Season**

With the summer fireworks season fast approaching, final plans for weekend fireworks displays are taking place and precautionary planning for these events becomes increasingly important. Advance planning is necessary for the Department of Fire Services to respond appropriately, should problems be encountered the day or evening of a fireworks display. While the primary concern is the prevention of accidents that have the potential to injure, other issues of non-compliance may occur on the day of the display.

The Division of Fire Safety has reminded our licensed fireworks shooters of their responsibilities to the public for safety as well as an obligation to abide by the state's laws and regulations on fireworks. Licensed fireworks shooters have also been reminded that being involved in an unsupervised and/or un-permitted fireworks display is, in addition to being a violation of law and the fire code, a violation of the terms and conditions of their license, which could result in suspension or revocation of their Certificate of Competency. If you become aware of such activity in your municipality, please contact our office immediately.

The Division of Fire Safety grants natural barrier approvals when needed. If you have previously received an approval and nothing has changed in the plans submitted to you by the fireworks shooter, you do not need another approval. If you need a site inspection for approval, please contact (978) 567-3375, at least thirty (30) days before the proposed date of the display.

Once again, it is strongly recommended that the same procedures used last year be followed again this year. A representative of your department should take a close look at the display during the setup process during daylight hours in the late afternoon. This procedure provides the best

Administrative Services • Division of Fire Safety
Hazardous Materials Response • Massachusetts Firefighting Academy

opportunity to inspect and correct any compliance issues, and insures a safe and successful fireworks display.

Please be assured that, once again, the Division of Fire Safety stands ready to provide the highest possible level of technical, compliance, and enforcement support during the summer fireworks season. In an effort to provide additional inspection guidelines, please find attached to this memo a suggested checklist for the three stages of a fireworks program.

We also want to advise you that there have been changes to the permitting process, most notably that there are two separate application/permit forms that distinguish fireworks displays and special effects before a proximate audience.

The requirements of the separate application/permits are as follows:

FW display applications require the following and will be considered incomplete if all the requirements are not met:

- ❑ Diagram/site plan showing points where fireworks are to be discharged, location/distance to the audience, buildings, highways, overhead obstructions, etc. (handwritten maps are not acceptable; Maps must be Google, Bing, GIS)
- ❑ The number and description of the fireworks/pyrotechnics including the diameter of the shells.
- ❑ A copy of the natural barrier letter from the State Fire Marshal's Office (if applicable)
- ❑ FAA, Coast Guard, or other agency approvals/notifications (if applicable)

Special Effects applications require the following and will be considered incomplete if all the requirements are not met:

- ❑ Letter from owner, operator or manager of the indoor entertainment venue or theater acknowledging the proposed use of pyrotechnics within their facility.
- ❑ A plan in accordance with NFPA 1126, Section 6.3.2 (2006 Edition)

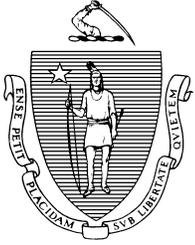
If you have any questions about Users Certificates, Certificates of Competency, or related licensing issues, please contact our Licensing Desk at (978) 567-3700, or by email at dfs.licensing@dfs.state.ma.us.

Division of Fire Safety Code Compliance and Enforcement Officers are available, 24 hours a day, to respond to your communities should the need arise. During normal business hours, please call the Division of Fire Safety at (978) 567-3375.

Should it be necessary to contact a Code Compliance and Enforcement Officer during a pre-display setup inspection by your department, or to report an accident, you should call the Massachusetts Emergency Management Agency at (508) 820-2000 and ask that a DFS Code Compliance and Enforcement Officer be paged.

During regular business hours (weekdays 8:00 a.m. to 4:00 p.m.) call the Code Compliance and Enforcement Unit, Division of Fire Safety at (978) 567-3375.

Outside of regular business hours, call the Massachusetts Emergency Management Agency at (508) 820-2000.



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PETER J. OSTROSKEY
STATE FIRE MARSHAL

FIREWORKS DISPLAY CHECKLIST

Date of Show: _____

Before Show /check:

- Pre show site inspection.
- Natural barriers must be pre-approved by the State Fire Marshal's Office (plan sufficient time ahead)
- At least 20 days prior to display application/permit must be submitted, including site diagram (hand drawn sketches are not acceptable) and shell inventory.
- Verify that all applicable State Fire Marshal permits such as transportation, electrical firing board, portable firing trailers, 12-inch shells have been issued.
- Within 5 days of receipt of application/permit, form must be approved or disapproved and forwarded to the State Fire Marshal's Office. This may be done via mail, email or fax.

Day of Show /check:

- Establish secured area with a suitable barrier such as snow fencing or equivalent (caution tape is not sufficient), natural barriers, as approved by SFMO (secured area must be established and maintained from the arrival of the fireworks until the completion of the display).
- Verify State Fire Marshal permits (transportation, electric firing boards, and portable firing trailers).
- If using racks, determine that the rack placement conforms to the approved site.
- Check racks for correct spacing and stability. Check angling of mortars.
- If not using racks, determine that tubes are sufficiently buried. Check angling of mortars.
- Determine weather and wind condition prior to display.

Following the Show /check:

- A competent operator must insure a thorough search is made for any unignited shells immediately following the display and at the first available daylight.
- Upon completion of the search, a competent operator shall report all findings to the head of the Fire Department.



FIRE AND EXPLOSION INVESTIGATION SECTION



The Fire and Explosion Investigation Section can be activated 24 hours a day, seven days a week.

To request a State Police Fire Investigator or Bomb Technician:

Business Hours **978-567-3310**

24 Hour Emergencies

Call your State Police Troop Duty Officer directly or call State Police Dispatch at 508-820-2121 and ask to be connected. Tell the Troop Duty Officer to have the Fire Investigator or the State Police Bomb Technician on-call contact you immediately.

Response to Fire Related Incidents for Fire Scene Investigation

- Origin and Cause
- Interviews
- Interrogations
- Accelerant Detection Canines
- Fire Scene Photography
- Aerial Photographs
- Evidence Collection
- Major Incident Response Vehicles and IMAT
- Post Blast Investigations

Response to Explosive Related Incidents

- Suspicious Packages
- Improvised Explosive Devices (IEDs)
- Explosive Detection Canine Sweeps
- Pick up and/or Disposal of Fireworks
- Underwater Explosive Recovery
- Drug/Meth Lab Response
- CBRNE Response
- Disposal of Military Ordnance
- Post-Blast Investigation
- Booby Traps
- Disposal of Deteriorated Commercial Explosives

Confiscated Fireworks

To notify the Fire and Explosion Investigation Section of confiscated fireworks, call 978-567-3310 during business hours.

For more information, contact the Fire and Explosion Investigation Section at 978-567-3310 or visit the DFS website at www.mass.gov/DFS.



Department of Fire Services
 Massachusetts Firefighting Academy

TAKING ACTION AGAINST CANCER IN THE FIRE SERVICE

Presented By: Michael G. Hamrock, MD and Russell Osgood

Course Fee:

None

Credits:

FCC = TBD

FPO = TBD

OEMS = TBD

Notes:

This is a first come-first serve course.

Cancer is becoming an ever increasing cause of firefighter line-of-duty deaths. Firefighters have much higher rates of cancer than the residents they serve because of exposure to carcinogens on the fire ground and in the fire house. This course will provide information on immediate actions that all ranks from firefighter to Chief can take to reduce the occupational cancer risk and how the nonprofit Firefighter Cancer Support Network can help firefighters cope with cancer. In addition, participants will learn the importance of promoting a new culture of safety and fitness by developing the mindset that firefighters are tactical athletes to help prevent cancer, heart disease, and injuries within their departments.

Course Code: 200-010-422-2016-SP-B	Time: 0900-1300
Date: June 2, 2016	Location: Massachusetts Firefighting Academy One State Road, Stow, MA MFA – Room 127
Course Code: 200-010-422-2016-SP-C	Time: 0900-1300
Date: June 8, 2016	Location: Springfield MFA One State Road, Stow, MA Classroom 119

Registration

Register **online** at [List of Current MFA Courses](#) To register by mail or fax, please complete a standard [DFS/MFA Student Application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



Presenter Biographies

Russell Osgood has been a firefighter for more than 25 years, the past 18 in Portsmouth N.H. When cancer took two young members of his department, he and other members stepped up to create change. As the Firefighter Cancer Support Network State Director in New Hampshire, Russell was instrumental in developing the New Hampshire Cancer Awareness and Prevention Initiative. Recently, Russell served as co-developer and key instructor for new “Taking Action against Cancer in the Fire Service” national cancer-prevention program. He is also a contributing member for FCSN’s 2016 cancer-prevention white paper, an international effort to provide cancer awareness and prevention guidelines to the fire service; expected publication early in 2016.

Dr. Michael Hamrock practices internal medicine and addiction medicine at St. Elizabeth’s Medical Center and is the primary care physician for many Boston firefighters and police officers. In his twenty years of service with the Boston Fire Department, first as a firefighter, and later as the department physician, he developed a unique perspective and understanding of the many immediate and long-term serious health risks associated with firefighting. Dr. Hamrock is on the Board of Advisors of the Last Call Foundation where he continues to motivate and empower Boston firefighters to better prepare themselves for the tremendous physical, chemical, and mental stresses of their occupation. He is working closely with the Firefighter Cancer Support Network to establish guidelines for primary care physicians for Comprehensive Firefighter Physical Exams that target heart disease and cancer screenings and prevention. Dr. Hamrock runs marathons with the Boston Fire running team and is a member of the Boston Fire/Metro Fire Critical Incident Stress Management Team.

Registration –

Register at [List of Current MFA Courses](#) by completing a standard [DFS/MFA student application](#) and mail with the \$20 course fee payment to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775.



Department of Fire Services
Massachusetts Firefighting Academy

High Hazard Flammable Liquid Transportation by Rail

This course is designed to provide awareness level training to all first responders for High Hazard Flammable Liquid (HHFL) transported by rail.

Key elements in this training are the following:

- Outline planning and response considerations related to rail incidents involving Hazard Class 3 flammable liquids such as ethanol and crude oil.
- Describe the physical and chemical characteristics of ethanol and crude oil.
- Identify the key considerations associated with planning for and responding to incidents involving the transportation of flammable liquids by rail.
- Describe the basic safety procedures to use when working in a railroad environment.
- Local Response Issues and Transportation Concerns which plague areas within the Commonwealth.
- Discussion of HHFL transportation routes.
- Foam resources available and locations.
- The major "Players" in the MA railroad system.
- District Hazmat team capabilities with a HHFL response.
- Emergency contact information updates dispatch

Target Audience:

Chief Officers, Incident Command Personnel, First Responders, Law Enforcement, EMS

Credits

FCC =TBD
FPO =TBD
OEMS =TBD

Notes: This course is offered through the State Hazardous Materials Emergency Response grant.



Course Code:	200-003-193-2016-SP-B	Time:	08:30-16:30
Date:	June 02, 2016	Location:	Devens Community Center 100 Sherman Ave, Devens
Course Code:	200-003-193-2016-SP-C	Time:	08:30-16:30
Date:	June 16, 2016	Location:	Billerica Fire Dept 8 Good St. Billerica

Registration

Register **online** at [List of Current MFA Courses](#) To register by mail or fax, please complete a standard [DFS/MFA Student Application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



NIGHTCLUB FIRE SAFETY

Notes:

This course consists of eight (8) hours of instructor-led classroom training. Program materials will be provided.

Prerequisite: There are no prerequisites to take this course.

Credits

FCC = TBD
FPO = TBD
OEMS = None

This class is designed to deliver an overview of nightclub fire safety laws and regulations to fire officials and inspectors, building commissioners and inspectors, nightclub owners and operators, Massachusetts ABCC officials, and nightclub crowd managers. The focal point of the training will be to provide a better understanding of what type of conditions to look for when conducting an inspection, a clearer picture of how code violations impact nightclubs and similar regulated venues, and insight on how to reduce or eliminate violations, with the main focus on occupant safety. Through the use of lecture, case studies, exercises, and a knowledge assessment, the attendees will build upon their basic knowledge of the safety codes to develop a more thorough understanding of the specific risks associated with these special occupancies and the steps necessary to properly conduct inspections.

Additional course offerings will be scheduled in the near future.

Please share this flyer with, and invite the building officials and nightclub owners, operators and crowd managers from your jurisdiction to register and attend.

This training is supported by federally awarded Assistance to Firefighters Grant Program - Fire Prevention and Safety Grant funds under award number EMW-2014-FP-00247.

**** See the following pages for current course offerings ****

Registration

Register **online** at [List of Current MFA Courses](#). To register by mail or fax, please complete a standard [DFS/MFA Student Application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



Department of Fire Services
Massachusetts Firefighting Academy

Course Code: 200-023-960-2016-SP-P Date: June 6, 2016	Time: 0800-1600 (Please arrive 0730 for security check) Location: DOC/DPS 50 Maple Street, Milford, MA
Course Code: 200-023-960-2016-SP-L Date: June 9, 2016	Time: 0800-1600 Location: Massachusetts Firefighting Academy, Room 125 One State Road, Stow, MA
Course Code: 200-023-960-2016-SP-M Date: June 11, 2016	Time: 0800-1600 Location: Massachusetts Firefighting Academy, Room 118 100 Grochmal Ave, Springfield, MA
Course Code: 200-023-960-2016-SP-F Date: June 13, 2016	Time: 0800-1600 Location: Massasoit CC – Conference Center 770 Crescent St., Brockton, MA
Course Code: 200-023-960-2016-SP-N Date: June 16, 2016	Time: 0800-1600 Location: Middlesex Community College, Café East Room 591 Springs Road, Bedford, MA
Course Code: 200-023-960-2016-SP-B Date: June 21, 2016	Time: 0800-1600 Location: COMM Fire Department, Training Room 1875 Falmouth Rd. Centerville, MA
Course Code: 200-023-960-2016-SP-H Date: June 28, 2016	Time: 0800-1600 Location: Harvard University – Boston, Cumnock Hall Rm. 103 117 Western Ave. Boston, MA Parking fee \$16/day
Course Code: 200-023-960-2016-SP-B Date: June 30, 2016	Time: 0800-1600 Location: Quinsigamond Community College 670 West Boylston Street, Worcester, MA
Course Code: 200-023-960-2016-FA-C Date: July 14, 2016	Time: 0800-1600 Location: Massachusetts Firefighting Academy, Link classroom One State Road, Stow, MA
Course Code: 200-023-960-2016-FA-B Date: July 18, 2016	Time: 0800-1600 Location: Harvard University – Boston, Cumnock Hall Rm. 103 117 Western Ave. Boston, MA Parking fee \$16/day
Course Code: 200-023-960-2016-FA-A Date: August 8, 2016	Time: 0800-1600 Location: Fall River Fire Department, North End Station 140 Commerce Dr. Fall River, MA
Course Code: 200-023-960-2016-FA-D Date: August 18, 2016	Time: 0800-1600 Location: Middlesex Community College, Café East Room 591 Springs Road, Bedford, MA

Registration

Register **online** at [List of Current MFA Courses](#). To register by mail or fax, please complete a standard [DFS/MFA Student Application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



Department of Fire Services
Massachusetts Firefighting Academy

June 17, 2016

Course Number:
200-000-PE3-2016-SP-B

Location:
Department of Fire
Services - Stow
1 State Road
Stow, MA 01775
Classroom – Link 105

Time:
10:00-15:00

Notes:
This is a "Priority
Selection" course which is
not first come-first serve.

Priority Selection Date:
June 3, 2016

Credits
FCC =Pending
FPO =15
OEMS =2

REMEMBERING WHEN™ A FIRE AND FALLS PREVENTION PROGRAM FOR OLDER ADULTS – TRAIN THE TRAINER

This Train the Trainer workshop is designed for firefighters and their senior partnering agencies. *Remembering When™ A Fire and Fall Prevention Program for Older Adults* was developed by the National Fire Protection Association (NFPA) and the Centers for Disease Control and Prevention to help older adults live safely at home for as long as possible. The Remembering When™ curriculum is centered around 16 key safety messages – eight fire and eight fall prevention – developed by experts from national and local safety organizations as well as through focus groups testing in high-fire-risk states. The program was designed to be implemented by a coalition including the local fire department, service clubs, social and religious organizations, retirement communities and others. Coalition members can decide how to best approach the local senior population: through group presentations, during home visits, and/or as part of a smoke alarm installation and fall intervention program. Participants will review the updated curriculum, practice using the activities and plan for implementation. This workshop is a great resource for local Senior SAFE programs. Firefighters are encouraged to bring a senior agency partner to this workshop.

Prerequisite: There are no prerequisites to take this course.



Registration JAL

Register **online** at [List of Current MFA Courses](#) To register by mail or fax, please complete a standard [DFS/MFA Student Application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



Department of Fire Services
Massachusetts Firefighting Academy

SUICIDE PREVENTION, INTERVENTION, AND POSTVENTION

June 29 & 30, 2016

Course Number:
200-000-659-2016-SP-B

Location:
AMR - Springfield
595 Cottage Street
Springfield, MA 01104

Time:
0800-1700

Notes:
This is a "Priority Selection"
course which is not first
come-first serve.

Priority Selection Date:
June 15, 2016

- Common myths about suicide
- Risk factors for suicidal behavior
- Frequent motivations for suicide
- Problem solving methods
- Effective intervention strategies
- Elements of effective postvention
- Elements of survivor grief
- Community referral resources
- Feelings and reactions of suicide survivors

Why do people kill themselves? How do I ask someone if they are feeling suicidal? What do I do if they ARE suicidal? How do I deal with the strong emotions suicide generates? This course will provide answers for these and other questions many of crisis interventionists have about suicide. It will provide participants with basic information about suicide as well as help participants develop practical skills for prevention, intervention, and postvention. Small group role-plays will allow participants to apply the suggested techniques as they are learned.

This course is open to anyone who wishes to learn more about intervening across the suicide spectrum. Professionals from the fields of Emergency Services including Fire, Police, EMS, Search & Rescue, Business & Industry Crisis Intervention, Disaster Response, Education, Employee Assistance, Healthcare, Homeland Security, Mental Health, Military, Spiritual Care, and Traumatic Stress may all benefit.

Completion of "*Suicide Prevention, Intervention, and Postvention*" and receipt of certificate indicating full attendance (14 contact hours) qualifies as a class in the ICISF's *Certificate of Specialized Training Program*.



Registration – JAL

Register **online** at [List of Current MFA Courses](#) To register by mail or fax, please complete a standard [DFS/MFA student application](#) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229.



NATIONAL FIRE ACADEMY PROGRAMS IN MASSACHUSETTS

Decision Making for Initial Company Operations (NFA Course # F0457)

This course is designed to develop the decision making skills needed for Company Officers (CO's) to accomplish assigned tactics at structure fires. As a Company Officer with the real possibility of being first to arrive at an incident, the CO's initial decisions will have an impact throughout the entire incident. It is vital that they be able to make good management decisions that have a favorable impact on the eventual outcome. In addition to a possible role as the initial incident commander (IC), the CO may well be assigned a subordinate position within the ICS organization. CO's need to have a clear understanding of the system, the position assigned, and their role in the organization if they are to function effectively and help make the system work.

Primary Audience: Newly appointed Company Officers; firefighters who wish to become an officer.

Best Practices in Community Risk Reduction (NFA Course # F0635)

This course demonstrates to students nationally recognized principles that, when used appropriately, can lead to community risk-reduction programs that can measure success in local communities. This course will give students the opportunity to explore programs from communities across the United States that have been showcased at Vision 20/20 symposiums. These programs demonstrate what nationally recognized organizations identify as examples of "best practices" in community risk reduction.

There is a pre-course assignment which should take about one hour that you will receive upon enrollment.

Primary Audience:

- Fire and emergency services personnel who help develop and deliver fire prevention and community risk-reduction programs.
- Fire and emergency services staff with an interest in advancing risk-reduction efforts in their community.
- Allied health and community service personnel who help develop and deliver risk-reduction programs.

Residential Sprinkler Plan Review (NFA Course # F0142)

The scope of this course looks at the following as the primary guidance for the approval of residential sprinkler systems:

- National Fire Protection Association 13, Standard for the Installation of Sprinkler Systems.
- NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes.
- NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies.
- International Residential Code Standard P2904.
- Manufacturer's Data Sheets.
- The ability to read and interpret the design is an essential element of preventive fire safety.

Primary Audience:

This course is appropriate for building and fire code officials whose responsibility it is to review and approve residential sprinkler plans. Such officials include fire inspectors, fire marshals, and building code inspectors with at least one year of experience on the job. The audience should have an understanding of the history of water-based fire protection systems and methods used to verify hydraulic calculation.

Registration

To register by mail or fax, please complete the [National Fire Academy Application](#) (front page only) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



Building Organizational Support for Community Risk Reduction (NFA Course # F0636)

This course is designed to help fire and emergency services learn what community risk reduction is and how to build organizational support for it. This course will address the challenges that fire departments face in shifting their priorities from response to prevention. In many departments, community risk reduction is still considered a low priority. This course will show you how community risk reduction can help you and your department become more of a community player in times of decreased budgets.

This course includes three units of instruction:

- Unit 1: Components of Community Risk Reduction.
- Unit 2: Community Risk Reduction as a Service Priority.
- Unit 3: Building Organizational Support for Community Risk Reduction.

There is a pre-course assignment which should take about one hour that you will receive upon enrollment.

Primary Audience:

- Fire and emergency services personnel who want to learn about community risk reduction.
- Fire and emergency services personnel who are currently involved with fire prevention and have an interest in advancing risk-reduction efforts in their community.

Registration

To register by mail or fax, please complete the [National Fire Academy Application](#) (front page only) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



NATIONAL FIRE ACADEMY PROGRAMS

<p><i>Decision Making for Initial Company Operations</i> Course Code: NFA Course # F0457 Date: September 14 & 15, 2016 Application Date: July 29, 2016</p>	<p>Time: 0800-1700 Location: Massachusetts Firefighting Academy One State Road, Stow, MA MFA - Link</p>
<p><i>Best Practices in Community Risk Reduction</i> Course Code: NFA Course # F0635 Date: November 1 & 2, 2016 Application Date: September 15, 2016</p>	<p>Time: 0800-1700 Location: Massachusetts Firefighting Academy One State Road, Stow, MA MFA - Link</p>
<p><i>Residential Sprinkler Plan Review</i> Course Code: NFA Course # F0142 Date: November 17 & 18, 2016 Application Date: October 1, 2016</p>	<p>Time: 0800-1700 Location: Massachusetts Firefighting Academy One State Road, Stow, MA MFA – Rm 117</p>
<p><i>Building Organizational Support for Community Risk Reduction</i> Course Code: NFA Course # F0636 Date: December 6 & 7, 2016 Application Date: October 20, 2016</p>	<p>Time: 0800-1700 Location: Massachusetts Firefighting Academy One State Road, Stow, MA MFA - Link</p>

The required application is the FEMA General Admissions Application Short Form (FEMA Form 119-25-2) which can be found at: http://www.usfa.fema.gov/downloads/pdf/ff_119_25_2_75_5a.pdf . The application CANNOT be submitted online.

Please mail or fax your completed application (front page only) to: Massachusetts Firefighting Academy, One State Road, Stow, MA 01775 or (978)567-3229 (needs to include the head of the organization signature) no later than the deadlines indicated for the particular class if noted.

It is required that you register for a FEMA Student Identification Number (SID). This is the number required for section 6 of the application form (no longer using Social Security Numbers) and is obtained through the Center for Domestic Preparedness (CDP). To obtain a SID:

1. Register at <https://cdp.dhs.gov/femasid>
2. Select "Need a FEMA SID?" on the right side of the screen.
3. Follow the instructions to create your account.
4. You will receive an email with your SID. Save this number in a secure location.

Also, note that any correspondence and certificates are sent via email, please include a valid email.

Registration

To register by mail or fax, please complete the [National Fire Academy Application](#) (front page only) and mail to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775 or fax it to: (978) 567-3229. To register by email, please scan and email applications to mfa.registration@state.ma.us.



SENIOR FIRE OFFICER FORUM SERIES FALL 2016

“SAVE THE DATE”

“Step Up” Leadership and Team Building for Senior Fire Officers

Presented By: Deputy Chief Frank Viscuso, Kearny Fire Department, New Jersey

“Step Up” for Senior Officers will cover important Leadership Skills such as mentoring, critiquing others, delegating, preventing freelancing, tackling administrative tasks, and dealing with subordinate Issues. Chief Viscuso will also cover important team building strategies, including a discussion on why teams fail, conflict resolution techniques, and how you know when people are ready to take on leadership roles and responsibility. The class includes a list of team building exercises, and real world examples of fire departments that provided exceptional service to their communities.

The New Firefight - Top 20 Tactical Considerations from UL/NIST Firefighter Safety Research

Presented By: Peter Van Dorpe, Fire Chief, Algonquin-Lake in the Hills Fire Protection District

Lightweight energy efficient construction, modern fuels, firefighter encapsulation and manpower reductions have combined to make today’s residential firefight a dramatically new challenge for even the most experienced firefighter. UL and NIST have been leading the effort to meet this challenge through research and education initiatives. At FDIC 2014, UL’s Steve Kerber presented a “Top 20” list of tactical considerations based on this research. In this session, Chief Peter Van Dorpe, a member of the UL Firefighter Safety Research Institute’s Advisory Board will use Kerber’s “Top 20” to guide a discussion on how firefighters may best implement the principles and concepts arising out of this body of work, and debunk some of the myths, misstatements and misinterpretation that has made its way onto blogs and social media.

In Honor of The Charleston 9 A Study of Change Following Tragedy

Presented By: Dr. David Griffin

In Honor of The Charleston 9: A Study of Change Following Tragedy, is based off of the best-selling book with the identical name, which includes doctoral research that will help all organizations, whether public, private, for-profit, or non-profit to determine whether organizational change is needed in their respective organization. Students are taken on an emotional ride from the dark days of fighting fire in Charleston, SC, where nine firefighters perished in the line of duty, to today where the organization is now a national model for change. All organizations need to learn the lessons from Charleston to ensure that they do not experience this type of tragic incident. This course utilizes never before seen video footage from June 18, 2007, as well as the radio traffic that coincides. It was developed and is presented by the first due engineer on the scene of this multiple line of duty death incident.

Firefighter Safety Symposium II

Once again this fall the Senior Fire Officer Forum series will feature a one day Firefighter Safety Symposium designed to explore the latest challenges to the health and safety our firefighters. This year the program will be presented at both the Stow and Springfield campuses. Firefighter Safety Symposiums are meant to provide both a summary of the latest threats we face and well as what actions we can take to avoid these dangers. Last year’s topics included; Firefighters Taking Action Against Cancer, Dealing with Photovoltaic Electrical Systems and Fireground Air Management. What new threats to Firefighter safety will emerge in 2016 and what new safety initiatives will emerge. Join us in December to find out. Our final list of symposium topics will be announced in November.

Registration

Register at [List of Current MFA Courses](#) by completing a standard [DFS/MFA Student Application](#) and mail with the \$20 course fee payment to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775.



SENIOR FIRE OFFICER FORUM SERIES 2016

<i>“Step Up” Leadership and Team Building for Senior Fire Officers</i>		Time:	1000-1500
Course Code:	200-014-SOJ-2016-FA-A	Location:	Massachusetts Firefighting Academy One State Road, Stow, MA MFA - Link 105
Date:	September 12, 2016		
Application Deadline:	August 29, 2016		
<i>The New Firefight - Top 20 Tactical Considerations from UL/NIST Firefighter Safety Research</i>		Time:	1000-1500
Course Code:	200-014-SOK-2016-FA-A	Location:	Massachusetts Firefighting Academy One State Road, Stow, MA MFA – Link 105
Date:	October 17, 2016		
Application Deadline:	October 3, 2016		
<i>In Honor of The Charleston 9 A Study of Change Following Tragedy</i>		Time:	1000-1500
Course Code:	200-014-SOL-2016-FA-A	Location:	Massachusetts Firefighting Academy One State Road, Stow, MA MFA – Link 105
Date:	November 10, 2016		
Application Deadline:	October 27, 2016		
<i>Firefighter Safety Symposium II</i>		Time:	0900-1500
Course Code:	200-014-SOM-2016-FA-A	Location:	Massachusetts Firefighting Academy One State Road, Stow, MA MFA – Link 105
Date:	December 5, 2016		
Application Deadline:	November 21, 2016		
<i>Firefighter Safety Symposium II</i>		Time:	0900-1500
Course Code:	200-014-SOM-2016-FA-B	Location:	DFS Springfield 100 Grochmal Ave, Springfield, MA MFA-Springfield-Rm 119
Date:	December 7, 2016		
Application Deadline:	November 30, 2016		

Course Fee:

\$20.00

Check or money order made out to “MFA Trust Fund”

Notes:

Applications must include payment.

Walk-ins and day-of registrations will not be allowed.

Lunch will be provided.

Future Senior Fire Officer Programs – The Department of Fire Services, Massachusetts Firefighting Academy is proud to present the Senior Fire Officer Forum to the Commonwealth’s Fire Service Leadership. We continually search for new and exciting topics which will enhance the responsibilities of Chief Fire Officers who are climbing the fire service ladder or reached the Fire Chiefs level of management of their organization. Please contact Robert Loomer at Robert.Loomer@state.ma.us with your ideas and suggestions for those programs that you would participate in and like to see as part of the program.

These programs are pending credit for Fire Chief Credentialing.

Registration

Register at [List of Current MFA Courses](#) by completing a standard [DFS/MFA Student Application](#) and mail with the \$20 course fee payment to: Registrar, Massachusetts Firefighting Academy, P.O. Box 1025, State Road, Stow, MA 01775.

The courses listed below are available at the time this calendar is created. The Massachusetts Firefighting Academy is constantly updating our offerings and you should check the [Register for Current Courses](#) page to see the current list. If you cannot find the course on a specific date, it may have been removed due to an overwhelming amount of applications or registration has been closed.

MFA Course Calendar • June 2016

~ June 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 Taking Action Against Cancer High Hazard Flamm. Liquid Trans. by Rail Nightclub Safety	3 Confined Space Rescue: Tech Level	4 Firefighter Survival Skills SOS Company Officer II Basic Liquidified Natural Gas
5 Emergency Vehicle Operator - Competency	6 HazMat OLR Refresher - 8 hrs. Company Officer Strategy & Tactics Nightclub Safety	7	8 Taking Action Against Cancer Plan Review Basics	9 Nightclub Safety Trench Rescue: Tech Level	10	11 Nightclub Safety Rapid Intervention Flashover Simulator Training
12	13 Advanced Structural Firefighting Practices Nightclub Safety HazMat OLR Refresher - 8 hrs.	14	15 Nightclub Safety NFA: Leadership 2 for Fire & EMS	16 High Hazard Flamm. Liquid Trans. by Rail Nightclub Safety	17	18 Rural Water Supply
19	20	21 Nightclub Safety	22 Nightclub Safety Plan Review Basics	23 HazMat OLR Refresher - 8 hrs.	24 Elevator Rescue (Classroom Only)	25
26	27	28 Nightclub Safety	29	30 Nightclub Safety Plan Review Basics	31 Nightclub Safety	

The courses listed below are available at the time this calendar is created. The Massachusetts Firefighting Academy is constantly updating our offerings and you should check the [Register for Current Courses](#) page to see the current list. If you cannot find the course on a specific date, it may have been removed due to an overwhelming amount of applications or registration has been closed.

MFA Course Calendar • July 2016

~ July 2016 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14 Nightclub Safety	15	16 Emergency Vehicle Operator - Advanced Small Aircraft Hazards - Procedures
17	18 Nightclub Safety	19	20	21	22	23
24	25	26	27	28	29	30
31						



**New England's Premier
Fire and Life Safety
Education Conference**

**Keeping
Everybody
Safe
Every Day**

**Save the Date
September 26 - 27, 2016**



22nd Annual
Fire and Life Safety Education Conference

Keeping
Everybody Safe
Every Day

Join us for the 22nd Public Fire and Life Safety Education Conference: *Keeping Everybody Safe Every Day*. The conference will offer 26 workshops, a four hour Leadership in Public Education track and four general sessions to keep educators moving towards our destination: keeping all ages safe. *Keeping Everybody Safe Every Day* will include programs for new fire and life safety educators, workshops to challenge experienced educators, and workshops that teach new ways to develop partnerships, collaborate, and expand program management skills.

How can I register?

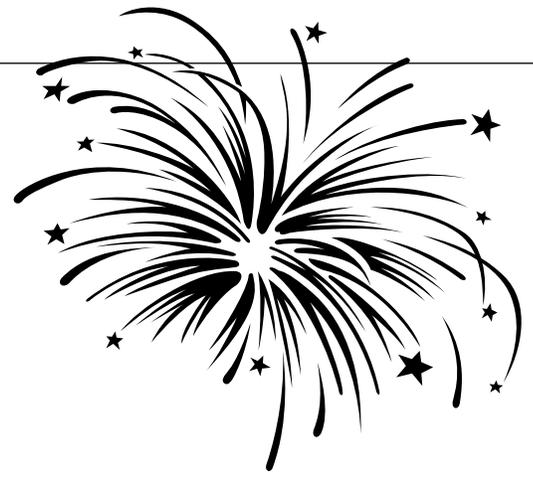
For registration information, email Cynthia.Ouellette@state.ma.us. Include "conference" in the subject line of your email. You can also get registration information at www.mass.gov/dfs under "What's New."

Nominations for the 2016 Fire and Life Safety Educator of the Year Award

Nominations are now being accepted for the Fire and Life Safety Educator of the Year award. The award recognizes individuals or teams for their commitment to making our world safer from fire and other preventable injuries. We are looking for people who make a difference and who demonstrate leadership, teamwork, creativity, vision, and perseverance.

Do you know someone who has made a difference and deserves to be recognized? Let us know who and why. Visit www.mass.gov/dfs and type in "Public Education Conference 2016."

Be Smart... Leave Fireworks to the Professionals



Enjoy Supervised Professional Fireworks Displays

Local fire departments supervise professional fireworks displays all over Massachusetts. Unfortunately, children and adults continue to set off illegal fireworks that start fires and cause serious injuries to themselves and others.

Fireworks Can Be Deadly

A 45-year old Gloucester woman died in a December 22, 2003 house fire when someone threw fireworks and ignited a Christmas tree in the living room. Three other people were injured. On May 20, 1997, a 26-year old man from Watertown was killed while he was lighting fireworks in a hallway. A 27-year old Framingham man was killed on July 4, 1993, when backyard fireworks exploded in his face. On July 4, 1992, fireworks fatally injured a 30-year old man on a Fairhaven beach.

All Fireworks Are Illegal in Massachusetts

The possession and use of all fireworks by private citizens is illegal in Massachusetts. This includes Class C fireworks which are sometimes falsely called "safe and sane fireworks." Class C fireworks include sparklers, party poppers, snappers, firecrackers, spinners, cherry bombs and more. Sparklers burn at 1800°F.

It is illegal to transport fireworks into Massachusetts, even if they were purchased legally elsewhere. Illegal fireworks can be confiscated on the spot.

Do Not Purchase Fireworks through Mail-Order or Online Catalogs

Do not purchase fireworks by mail. Government cannot prohibit the advertising and sale of fireworks by mail, but police do confiscate illegal shipments of fireworks. Many consumers attempting to circumvent the law have lost both their money and their fireworks.

Set a Good Example for Children

Children imitate adults. If you use fireworks, children will copy you, not realizing how very dangerous fireworks are. Fifty-one percent of fireworks-related burn injuries reported by hospitals to the Office of the State Fire Marshal in the last 10 years (2006-2015) were to children under age 18. More than a quarter of the victims, (26%), were children under age 10.

(over)



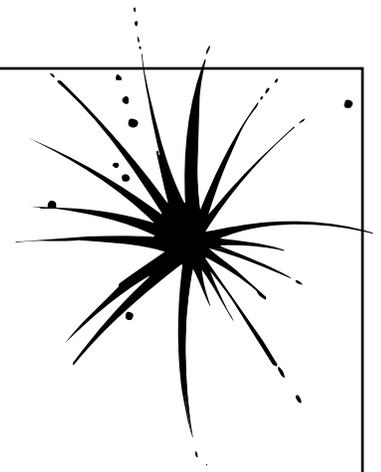
FireFactors

Office of the State Fire Marshal • www.mass.gov/dfs • (978) 567-3380

Fires Caused by Fireworks

In the past decade (2006-2015) there have been 775 major fire and explosion incidents involving illegal fireworks reported to the Massachusetts Fire Incident Reporting System (MFIRS). The incidents caused 11 civilian injuries, four fire service injuries, and an estimated dollar loss of \$1.8 million, which is high considering most fireworks fires are outdoor brush fires.

- On June 27, 2015, the Brewster Fire Department responded to a 2-acre grass fire that was started by fireworks. It took companies almost an hour and a half to extinguish the fire.
- On July 4, 2015, the Boston Fire Department was called to a fire on one of the launch barges for the city's fireworks display. Crews were on the scene for over two and a half hours.
- On July 4, 2015, the Brockton Fire Department responded to a fire in a pick-up truck that was started by fireworks. The owner had set off fireworks in his driveway. He waited 15 minutes for them to cool and then put the debris into the plastic-lined bed of his truck.
- On July 5, 2015, the Chelsea Fire Department responded to a structure fire that was started by fireworks.



Burns Caused by Fireworks

In the past decade (2006-2015), 47 people were treated at Massachusetts emergency rooms for severe burn injuries from fireworks (burns covering 5% or more of the body) according to the Massachusetts Burn Injury Reporting System (M-BIRS). Fifty-three percent of the victims were children and youths under age 25. These victims are scarred for life.

- On July 4, 2015, a 23-year old Saugus man received burn and shrapnel injuries to his face and chest as well as multiple finger amputations to his left hand after a commercial grade firework exploded in his backyard.
- On July 4, 2015, a 48-year old Boylston man received burns to his legs after empty mortar-style fireworks boxes were thrown into a bonfire. An unexploded firework ignited and struck him in the legs.
- On July 5, 2015, a 9-year old Boston boy received burns to 15% of his body and lost one of his hands when the fireworks he was holding exploded. His 5-year old friend was also injured.



Hotel and Motel Safety

Select accommodations that have sprinklers and smoke detectors in guest rooms.

Consider fire safety when checking into a hotel or motel.

Count the number of **doors** down the hall **to the nearest fire exit**.

Never use elevators in a fire.

If you are deaf or hard of hearing, ask for a *Hearing Impaired Kit* from the front desk that has a strobe smoke alarm.

Keep your room key, eyeglasses and a flashlight on the night table. **If a fire occurs, take them with you to the door.**

- If the door feels cool, open it a crack. Be ready to close the door if hot air, flames, or smoke rush into the room.
- If this does not occur, but the hall is smoke-filled, crawl down the hall counting doors to the nearest exit.
- If you cannot reach the exit, turn around and count doors back to your room. Unlock the door and re-enter.

If it is unsafe to leave your room

- **Fill the tub** with cold water.
- **Stuff wet towels around the door** to keep smoke out.
- If possible, open a window and hang a sheet outside to signal for help.
- **Cover your face** with a wet cloth and stay low if smoke gets in the room.
- **Do not jump.** Call 911 to tell them where you are.

Fireworks

Enjoy the many professional, supervised fireworks displays.

The possession and use of **all fireworks** by private citizens is **illegal in Massachusetts**. This includes sparklers, party poppers, snappers, firecrackers and cherry bombs, and more.

It is illegal to purchase fireworks in another state and transport them into Massachusetts.

Do not purchase fireworks by mail. Government cannot prohibit the advertising and sale of fireworks by mail, but police do confiscate illegal shipments of fireworks. Many consumers attempting to circumvent the law have lost both their money and their fireworks.

Burn First Aid

- **Stop, Drop, and Roll** to extinguish a clothing fire.
- Cool a burn. For minor burns, run cool water over the burn immediately.
- Seek emergency medical help immediately for more serious burns.
- Use sunscreen to avoid sunburn.

Summer



Safety Tips



The Massachusetts State Fire Marshal offers these tips for a safe and happy summer.

Gasoline and Lawn Mowers

Gasoline vapors are highly flammable. They stay on your clothing and **can ignite** if you light a match or cigarette.

Store gasoline only in **approved containers**, outside, or in a building not attached to the house. Never keep gasoline inside the home.

Keep gasoline away from all heat sources such as smoking materials, pilot lights, campfires, and grills.

Never fuel a lawn mower while it is hot. Let it cool off first.

Keep hands and feet away from a mower while it is running.



Barbecue Safely

Use all barbecue grills away from the house, outdoors.

Never leave a burning grill unattended. Children should never play near grills or propane cylinders.

Never use gasoline on any grill!

Gas Grills

You should not use a gas or charcoal grill on any porch or balcony. Electric grills have no open flame and may be used.

Gas grills can be used on first floor decks or patios only if there is an outdoor stairway to the ground, or it is at ground level.

LP-gas is heavier than air and sinks. A leaky grill could pose a hazard to people below. Possible ignition sources include smoking materials, air conditioners, compressors, pilot lights and cars.

Keep all LP-gas outside, 10 feet away from building openings such as doors, windows, dryer vents and 20 feet away from air intake vents and all ignition sources.

Before lighting a grill:

- Make sure all connections are secure and tight, and open the lid.
- Caution! If the flame goes out, turn off the gas and wait 10 minutes for excess gas to dissipate before relighting.
- Make sure the grease trap is clean.

Charcoal Grills

Use only charcoal lighter fluid to start charcoal grills.

Once coals are lit, **never add more lighter fluid to the fire**. Flames may travel up the stream of fluid resulting in serious burns.

Dispose of ashes in a metal container.

When Your Car Overheats

Always:

- **Turn off your car** and **wait** at least **one-half hour** before attempting to open the radiator.
- **Use a heavy rag** or cloth to open the radiator.
- **Stand back** as far as possible. **Keep your face out of the way** in case the radiator should rupture!

Opening hot car radiators can cause serious burns. These burns can be prevented with patience and appropriate precautions.

When your car overheats, or even when it's just been running for a while, pressure builds up inside the radiator.

If you open a hot car radiator, hot steam and liquid can splash on your face and hands causing painful, disfiguring burns.