

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

February
2019

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

60th Year
(1959-2019)

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The Massachusetts Institute of Fire Department Instructors is a non-profit organization and was established on September 30, 1959. MIFDI's mission is "to promote fire department training and education by the mutual sharing of knowledge".

THE MIFDI OFFICERS - 2018

President: Captain Mark W. Roche, Newton Fire Department
 1st Vice President: Deputy Chief Brian F. Belliveau, Fitchburg Fire Department (Retired)
 Secretary: Captain Edward (Ted) D. Quinn, Jr., Peabody Fire Department
 Treasurer: Firefighter / Instructor Michael McLeieer, Merrimac Fire Department

THE MIFDI BOARD of DIRECTORS

Terms Expire 2018

Chief Thomas Conway, III, Billerica Fire Department (Retired)
 Assistant Chief Robert MacKendrick, Lynnfield Fire Department (Retired)
 Chief Richard Gomes, Norton Fire Department (Retired)

Terms Expire 2019

Lieutenant George Churchill, Brockton Fire Department (Retired)
 Firefighter / Instructor Michael McLeieer, Merrimac Fire Department (Past President)
 Chief James M. Vuona, Shrewsbury Fire Department

EDITOR

Firefighter / Instructor Scott D. Maker, Merrimac Fire Department

VISIT US ON THE WEB!

www.mifdi.org

E-MAIL- mifditreasurer@escapeinc.org

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**Massachusetts Institute of Fire Department Instructors - Tax ID: 04-2307216
 2019 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2019**

**Your MIFDI Dues
 are due Jan. 1st**



**or Join MIFDI for
 the first time.**

Membership Information

Name _____
Address _____
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E-mail Address _____
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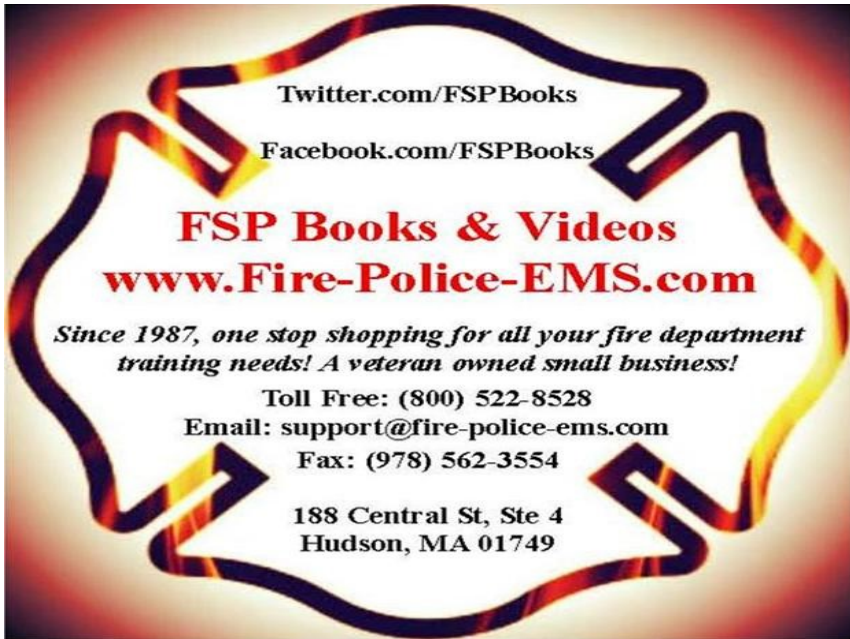
Work Information

Department _____
Rank _____
Phone (work) _____
Fax (work) _____
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City & State (work) _____
Zip Code _____

<u>Membership Type:</u>	<u>Send Bulletin To:</u>	<u>Membership Dues:</u>
<u>circle one</u>	<u>circle one</u>	<u>Active</u> \$ 35.00
<u>Active</u>	<u>Home</u>	<u>Retired</u> \$ 15.00
<u>Retired</u>	<u>Work</u>	<u>Associate</u> \$100.00
<u>Associate</u>	<u>E-mail</u>	

There is also a \$10 late fee if dues are paid after April 1st
Please mail completed Application with check or money order payable to:

MIFDI
Attn: Michael McLeieer, Treasurer
PO Box 507
Merrimac, MA 01860-0510
Phone: (978) 346-4731
E-mail: mifditreasurer@escapeinc.org



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FEBRUARY MEETING

The February meeting of MIFDI will be held on **Wednesday, February 20, 2019**

(NOTE THIS IS THE THIRD WEDNESDAY)

The meeting date was changed so not to conflict with the FCAM Professional Conference during the fourth week.

We will be hosted by the Andover Fire Department courtesy of Chief Michael Mansfield. Chief Mansfield will provide an informative insight of the major gas incident that occurred last September severely challenging fire departments in Andover, Lawrence and North Andover. This catastrophic incident gained national attention as a massive amount of mutual aid was deployed to the Merrimac Valley during the incident and the subsequent days following the incident to provide relief and assistance for these communities overwhelmed with hundreds of gas related calls.

We will meet in the Memorial Hall Library meeting room, 2 North Main St in the center of town.

SCHEDULE:

0930: Coffee, 1000: Presentation, 1130: Business meeting and info sharing, 1200: Lunch

DIRECTIONS:

From I-93, take Rt.125 (Exit 41). Follow Rt.125 to Rt. 28 North. Travel Rt. 28 towards Andover.

Continue on Rt. 28 4-miles into Andover Center. The library is of the left at the main intersection in the downtown area. Turn left on Central St from Main St then immediate right on Essex St. There is plenty of parking in the library lot off Essex St.



TREASURER'S REPORT

Due to unforeseen circumstances, the Treasurer's report will appear in it's entirety in the NEXT edition, (March), of the MIFDI Bulletin).

Respectfully submitted

02/14/2019

by Michael McLeicer, Treasurer

978-346-4731

Email: mifditreasurer@escapeinc.org <———— PLEASE NOTE NEW Email ADDRESS

Thank you for your continued support and for the prompt payment of your dues!

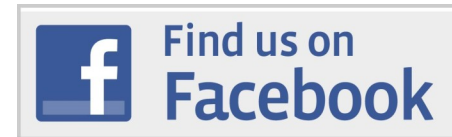
The Membership voted to INCREASE Active Member dues to \$35 effective April 1st, 2018. MIFDI will also accept credit card payments effective April 1, 2018. Contact Michael McLeicer for details.

Retired Member dues will remain \$15

Associate Member dues will remain \$100

Please remember to still add a \$10 late fee for renewal dues paid after April 1st, 2019. This fee does not apply to new members or for those who renewed before April 1, 2019.

MIFDI is now on Facebook. Login to your Facebook account and search for **Massachusetts Institute of Fire Department Instructors** or visit **www.facebook.com/mifdi**. Become a Facebook friend to MIFDI and receive up to date announcements right to your PDA, Blackberry or computer. You may also select the MIFDI Facebook link on the MIFDI website home page at www.mifdi.org



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RENEWAL of DUES or NEW MEMBERSHIPS

may be addressed to:

MIFDI - Attn: Michael McLeieer, Treasurer
PO Box 507

Merrimac, MA 01860-0510

Phone: (978) 346-4731

PLEASE NOTE NEW Email: mifditreasurer@escapeinc.org

***Dues are \$35.00 per year for Active members *(\$45 after April 1st)**

\$15.00 for Retired members *(\$25 after April 1st)

***100.00 per year for Associate members**

(which includes a 1/4 page of advertising in the MIFDI Bulletin and on the MIFDI website).

*** Membership dues are for one calendar year (January 1 through December 31).**

Dues are due by January 1st. Add a \$10.00 Late Fee after April 1, 2019.



RECALL OF MEETING

MIFDI Monthly Meeting Minutes
National Fire Protection Association
2 Batterymarch Park, Quincy, MA
January 23, 2019

President Roche opened the meeting at 10:00 and introduced NFPA Data Analyst Ben Evart. Ben gave a great presentation on, and what they do at, NFPA. Since 1896 NFPA has been the leader in data, research, and applications (in the form of consensus based codes and standards) of fire protection and safety. Ben gave an overview of the departments such as the Research Library, Applied Research, Fire Protection Research Foundation and Data & Analytics. Ben's department, Research Data & Analytics, deals with issues such as Fire Loss, Smart Firefighting, Fire Service Needs Assessment, and Firefighter Injuries and Fatalities; the latter being injuries or fatalities such as on-duty, long-term, suicides (none in 2017), etc. He also explained the criteria that they use for definitions such "on-duty" and the like. With the focus lately on cancer, NFPA and Ben's department has some challenges. This is due to long-term effects, a need for a cancer tracking, among some of these challenges. Some of the data shows that while crashes of POV and Apparatus have increase, the amount of injuries and/or fatalities have decrease. This type of data is what Ben's department looks at and some may say that decrease could be due to the changing habits of wearing seat belts. The same could someday be said about cancer cases, with our new found awareness of cancer prevention.

President Roche relayed some information regarding challenges at an incident in Newton regarding the lack of working hydrants due to the cold, some of them being a "block of ice." There was also some discussion regarding the upcoming OSHA changes.

Andy Connerty relayed some information regarding the Massachusetts Fire Training Council. Recruit classes are now being scheduled as far off as September. The MFTC meeting has been busy with talks on Bridgewater, as another satellite location, and a number of policy changes.

Bob McKendrick stated that the committee on NFPA 1 is still trying to get the 2018 version adopted. Also, under Good & Welfare, Bob stated that congratulations were in order for Glen Davis who was just appointed as Lynnfield's new fire chief.

The next meeting will be held on the third week in February (the 20th) due to an upcoming FCAM meeting. President Roche is working on securing what should be an informative topic for our next meeting and if secured will held in Andover. The topic will be the northern Essex County gas explosion incident that took place last year in Andover, Lawrence and North Andover.

EMS Run

Burn Awareness Week



HOT TIP #1

Babies and older adults have thinner skin so they're at risk for deep burns at lower temperatures and short exposure times.



HOT TIP #2

Never carry hot liquids while holding or carrying a child. Get a lid for your coffee or tea to prevent scald burns.



HOT TIP #3

If you have to leave the bathroom while bathing a child, take them with you.



HOT TIP #4

Did you know? 62% of people treated in burn centers for scald burns are children under the age of 5.



HOT TIP #5

Never place hot liquids on low coffee tables or end tables that a young child can reach.



LAST ALARM:

Nothing to report this month! (Thankfully!)



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- ☐ Mercedes Textiles Hose
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PARATECH

CONGRATULATIONS:

The officers and members of the Massachusetts Institute of Fire Department Instructors offer our congratulations to MIFDI member Ryan A. Nicholson of the Watertown Fire Department upon his promotion to Deputy Chief on January 27, 2019. Awesome job Ryan!



UPCOMING EVENTS:

February 20-22: JEMS Conference & Expo
National Harbor, MD www.emstoday.com

February 26-28: FCAM Professional Development Conference & Expo
Worcester DCU Center www.fcam.org

February 20, 2019: MIFDI - Andover

March 10, 2019: Daylight Savings Time begins

March 25-28, 2019: Firehouse World Conference & Expo
L.A. Convention Center www.firehouseworld.com

March 27, 2019: MIFDI - Natick

March 30, 2019: American Lung Association "Fight For Air Climb"
One Boston Place, Boston www.lung.org



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have.

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REPORT of the PRESIDENT:

Captain Mark W. Roche, Newton Fire Department

Our January meeting was hosted once again by NFPA with a program on "Firefighter Fatalities & Injuries". Special thanks to NFPA Analyst Ben Evarts for providing this informative presentation. Thanks also to Barbara Dunn of NFPA for helping to arrange our visit to NFPA.

A reminder for members to pay your dues for 2019. The price of \$35 for active and only \$15 for retired is a great investment for the training and knowledge shared through MIFDI.

Mail to: MIFDI, P.O. Box 507, Merrimac, MA 01860

Stay safe, I hope to see you in Andover on FEBRUARY 20th



AS WE APPROACH THE WINTER SEASON, CHECK THE MIFDI WEBSITE FOR MEETING CANCELLATIONS DUE TO SNOW STORMS AND INCLIMATE WEATHER

(www.mifdi.org)

INSTRUCTORS CORNER:

Firefighter dies after a fall from a bridge

Winter Firefighting (Captain Mark Roche)

With all due respect to firefighters in the warmer climate states, fire fighting in frigid weather brings an entirely new set of challenges to an already difficult profession. Those of us with a "few" years on the job can remember the time of open-cab apparatus and riding on the back-step. Thankfully those days are behind us and today's apparatus with a focus on safety allows keeping members and equipment inside heated cabs.

As far as the pumps, some departments recommend draining the pump water during the winter. The problem with that is you risk the pump getting air-bound if you don't prime your pump before charging a line. The best practice when operating in below freezing temps, whether it be at a fire or at a "bells & smells" call is for the MPO to engage the pump, open the tank-to-pump valve, and crack open the tank fill enough to circulate the water. Additional good practices include; opening all drain valves to intakes and discharges at the start of each tour to drain residual water that accumulates from leakage. It may also be a good idea to remove the discharge and intake caps at a fire before they freeze on.

Those on the line must remember to NEVER shut down the nozzle completely, always keep it cracked open enough to continuously flow water. During overhaul operations, let the water flow in a sink or out the window. Outside lines should be cracked and placed in shrubs or at the curb to reduce ice hazards.

Drain valves on aerial ladder fixed waterways and tower ladders must be opened immediately after shutting down elevated master streams. The waterways must always be drained before retracting the aerial device to avoid damage. If that pipe freezes, it could cause serious issues.

What about the members? A recent fire in Minneapolis during sub-zero temperatures required crews to be rotated into rehab every 10-minutes. Order extra alarms or special call additional companies for relief purposes during extreme cold. Call for a warming bus early. The MBTA, or your local transit system, have been very co-operative with providing warming buses upon request. The DFS always has a rehab support vehicle available. Be sure to allow time for these units to respond on nights and weekends as they call people in to operate the unit. The local Buff Clubs such as the Boston Sparks, Rehab 5 in Beverly and the Box 4 Association in Worcester are a great resource for providing warm beverages as well as hand warmers and extra socks at fires and other long-term incidents.

Call for a public works sand truck early. A sander will be needed for the street after the companies leave, but a pick-up or small dump will be required during the incident to spread sand by shovel to reduce slip hazards. Finally, the local water dept should be notified to deal with any frozen hydrants encountered.

