

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

April
2022

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

63rd Year

(1959-2022)

CONTENTS:

<i>Page</i>	<i>Subject</i>
1	Index
2	Next Meeting, Directions to Meeting, Drill Schedule
3	Treasurer's Report, New Members
4	Recall of Previous Meeting, Secretary's Report
5	EMS Run
6	Upcoming Events
7	From The Desk Of The President
8	Instructors Corner
9	Congratulations, Good & Welfare / Advertisement
10	Last Alarm, Line of Duty Deaths / Advertisement
11	Dues Information & Advertisers Page
12	Advertisers Page
13	Advertisers Page
14	Membership Application or Renewal Form

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 - 2022

President: Captain Mark W. Roche, Newton Fire Department (Retired)
 Vice President: Deputy Chief Christopher Kelley, Concord Fire Department (Retired)
 Secretary: Vacant
 Treasurer: Firefighter / Instructor Michael McLeieer, Merrimac Fire Department (Retired)

THE MIFDI BOARD of DIRECTORS

Terms Expire 2022

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 2021

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

EDITOR

Firefighter / Instructor Scott D. Maker, Merrimac Fire Department (Retired)

VISIT US ON THE WEB!
www.mifdi.org
E-MAIL- mifditreasurer@escapeinc.org

**Massachusetts Institute of Fire Department Instructors - Tax ID: 04-2307216
 2022 Membership Application & Invoice
 Jan. 1 to Dec. 31, 2022**

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



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

Membership Information

Name _____
Address _____
City & State _____
Zip Code _____
Phone (Home) _____
E-mail Address _____
Fax (Home) _____

Work Information

Department _____
Rank _____
Phone (work) _____
Fax (work) _____
Address (work) _____
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



FSP Books

Visit our new location for all of your study material

433 MAIN ST. HUDSON, MA 01749

(3-Miles north of the Mass Fire Academy)

800-522-8528

www.Fire-Police-EMS.com



Glen Rogers

Your Fire Chief Realtor
Friend in North Carolina

Chief.g.a.rogers@gmail.com 508-654-2625

Thinking of
moving south?
Florida a bit
too far from
family and
friends?



Give me a call or
text and let's
talk about
finding you a
place in North
Carolina!

NC #336267
REALTOR

MEETING NOTICE

The next meeting of MIFDI will be held on **Wednesday, April 20, 2022** hosted by the Newton Fire Department courtesy of Chief Gino Lucchetti (**NOTE: THIS IS THE THIRD WEDNESDAY**). We will meet in the first floor training room at Fire Station 4, 195 Crafts St at the corner of Watertown St (Rt.16). MIFDI last met at this location for our June 2014 meeting.

The training program will be provided by a rep from HOLMATRO with a presentation on the new cordless tool products, including; extrication equipment, roof saws and a "Ripper" tool. Some of the features of the battery powered JAWS include; maximum spreading distance, maximum spreading force, maximum pulling force, and rapid deployment. The advantages also include; no fuel, no cables, no fumes, and no noise.

SCHEDULE:

0930: Coffee, **1000:** Presentation, **1130:** Business Meeting, **1200:** Lunch (off site)

DIRECTIONS:

FROM RT.128/I-95: Take Exit 37A (Rt.16 EAST). Follow Rt. 16 (Washington St) aprox 2-miles. After passing the police station and court house, stay in the left lane due to Rt.16 bearing left onto Watertown St. Continue on Watertown St for 1-mile and the firehouse will be on your left.

FROM THE MASS PIKE: Take Exit 127 in Newton Corner. Follow Washington St WEST aprox 1-mile to Crafts St on the right (Whole Foods Market on the corner). Continue down Crafts St to the firehouse on the corner of Watertown St.

Parking is available on the BRAVO & CHARLIE side of the station. Also free parking on both sides of Broadway directly behind the station off Watertown St



TREASURER'S REPORT

Beginning Balances for 01/03/2022
 Preferred C.U. Checking \$ 154.67
 Preferred C.U. Savings \$1,097.27
 CapitalOne Sav. Balance \$2,318.72
 Total: \$3,570.66

50/50 Raffle = None
 Winner = N/A
 Net Proceeds from 50/50 Raffle = N/A

Total active members = 84

Dues paid thru 2031 = 1
 Dues paid thru 2030 = 1
 Dues paid thru 2027 = 2
 Dues paid thru 2024 = 1
 Dues paid thru 2023 = 4
 Dues paid thru 2022 = 59
 Dues paid thru 2021 = 9
 Dues paid thru 2020 = 7

Balances as of 04/11/2022
 Preferred C.U. Checking: \$ 537.40
 Less uncleared checks: \$ (0.00)
 PCU Cking. Balance: \$ 537.40
 PCU Savings Balance: \$ 1,872.55
 Capital One Sav. Balance: \$ 2,319.30
 Total \$ 4,729.25

Bills Paid March 2022:

April MIFDI Bulletin - Michael \$120.00 - 03/31
 Dunkin - Coffee - Meeting - M. Roche \$ 36.39 - 03/23
 Market Basket - Pastry - M. Roche \$ 8.38 - 03/22
 Staples - Supplies/Copies - M. Roche \$ 6.69 - 03/17
 TOTAL: \$171.46

Account Transfers:

None

Mailings

E-Mail - 56 Home - 19
Work - 9
 Total: 84

Membership Totals: 84

46 Active - 34 Retired - 4 Associate

Welcome to these new MIFDI members:

- Glen Rogers Real Estate - Associate Member - Wilmington, NC
- Jonathan Miller - Assistant Chief - Monson Fire Department

Treasurer Notes:

- (a) Please remember to look at your mailing label for the PAID THROUGH date. Thank you to all of you who have paid your dues. **Your 2022 were due in January, 2022.**
Please add \$10.00 for late renewals paid after April 1, 2022 for your 2022 dues
- (b) You may now use the 2022 membership application as your invoice. It has MIFDI's tax ID number listed, for your accounts payable department to process the dues payment. Simply use the dues year or payment date as your invoice number.
- (c) All 2022 dues payments mailed in Dec., Jan., Feb. & March have been deposited..

Respectfully submitted

04/11/2022
 by Michael McLeieer, Treasurer
 978-346-4731
 Email: mifditreasurer@escapeinc.org

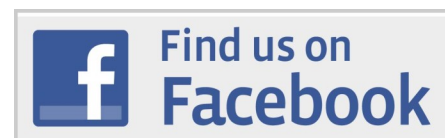
Thank you for your continued support and for the prompt payment of your dues!

MIFDI will also accept credit card payments. Contact Michael McLeieer for details.

Active Member dues is \$35 / Retired Member dues is \$15 / Associate Member dues is \$100

Please remember to still add a \$10 late fee for renewal dues paid after April 1st, 2022. This fee does not apply to new members or for those who renewed before April 1, 2022.

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 tablet, phone or computer. You may also select the MIFDI Facebook link on the MIFDI website home page at www.mifdi.org



Like MIFDI on Twitter @MIFDIFIRE or @MIFDI



JONES & BARTLETT LEARNING

is your solution for:

- Up-to-Date Certification Training Programs
- Best-Selling FESHE and Fire Science Resources
- Proven Reference and Exam Prep Manuals
- Innovative Student and Instructor Technology Tools

978-443-5000 | www.jblearning.com

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, 2022.**

RECALL OF MEETING #2022-03

The March meeting of MIFDI was held on Wednesday March 23, 2022 hosted by the Burlington Fire Department courtesy of Chief Michael Patterson and Assistant Chief Andy Connerty. The meeting took place in the Training Room of Station 2, 114 Terrace Hall Ave.

The training program was provided by former ATF Agent Wayne Miller with a fascinating presentation titled "BANG-BOOM-BOOM" which included highlights from his latest book. Wayne's power-point program described some of the many cases involving firearms, explosives and arson that he was involved with investigating during his impressive career as an agent with the ATF.

Following the program, Wayne answered questions and autographed books that he brought to sell including his first book, "BURN-BOSTON-BURN"



Northeast Rescue Systems, a name you can trust for top-line products, personal service and customer support. We carry high quality, trusted names in equipment and gear. You can find product lines such as:

- ☐ Morning Pride
- ☐ Warrington PRO
- ☐ Ranger Boots
- ☐ Ranger Combat Ready Gear
- ☐ Paul Conway Shields
- ☐ Sterling Rope
- ☐ CMC Rescue Equipment
- ☐ Mustang Survival
- ☐ Stearns
- ☐ Mercedes Textiles Hose
- ☐ BW Technologies
- ☐ Genesis Rescue System
- ☐ Koehler-Bright Star
- ☐ Paratech

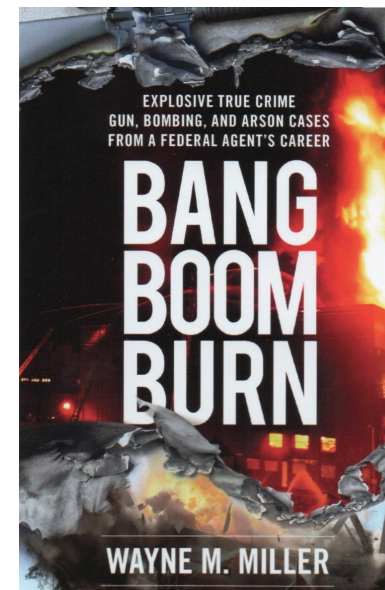
Our New Location
280 Milton St
Dedham, MA 02026
617-325-3993











Learn more about Autism and dealing with Autism patients during emergencies

www.autism-society.org

The Massachusetts Institute of Fire Department Instructors offers our condolences to the family and friends of former Chief **JOSEPH LINGEL** of the Lynnfield Fire Department. Joe died on April 4, 2022 at age 68.

Joe was one of the founding members of United Plastic Fabricating (UPF) and hosted MIFDI during our visits to UPF to witness the process of manufacturing Poly-Tanks for fire apparatus.

Rest in Peace now Joe. Thank you for your friendship and your great contribution to the fire apparatus industry throughout the country.



May He Rest In Peace

CONGRATULATIONS

The Massachusetts Institute of Fire Department Instructors offers our congratulations and best wishes to longtime MIFDI member **Chief G. Edward Bradley** of the Plymouth Fire Department upon his retirement on April 12, 2022. Chief Bradley has served the department for 47-years including the past 15 years as Chief of Department. We wish Chief Bradley well in his future endeavors including a run for the Plymouth Select Board.



Firesetting Intervention Resource Exchange

*An on-line networking
community for Firefighters,
Inspectors, Instructors, &
Juvenile Firesetting
Intervention Professionals*

- Fire, Police & Public Safety Personnel
 - Juvenile Justice & Court Personnel
 - Mental Health Professionals

www.fire-exchange.org

Call Scott Maker,
Firefighter/Merrimac Fire Department, with any questions you may have.

269-492-3341

UPCOMING EVENTS

April 20, 2022: **MIFDI - Newton**

April 25-30, 2022: **FDIC Instructors Conference**
Indianapolis, IN www.fdic.org

April 30, 2022: **American Lung Assoc. "FIGHT FOR AIR CLIMB"**
Fenway Park, Boston (Gate E) www.lung.org

May 12-15, 2022: **FDNY 9th Annual Medical Special Ops Conference**
FDNY Academy, Randalls Island www.fdnipro.org/msoc

May 21, 2022: **STATEWIDE EXAM: Deputy Chief & District Chief**
Good Luck!

May 25, 2022: **MIFDI**

Reflective Markings May Decrease First Responder Visibility

A new study suggests that the presence of very highly reflective markings may decrease drivers' ability to see first responders working adjacent to their vehicles. On March 3, 2022, The U.S. Fire Administration published a new study from the Emergency Responder Safety Institute (ERSI) on their website. One significant variable impacting the safety of responders operating along a roadway is their visibility to approaching and passing motorists, especially at night. Warning lights and reflective materials on vehicles and clothing are typically employed at the scene to ensure visibility. The study investigated the impact of lighting color, intensity, modulation and flash rate on driver behavior while passing a traffic incident scene at night. Here is the link to the full blog which also includes the link to the ERSI study:
<https://www.usfa.fema.gov/blog/ig-030322.html>

REPORT of the PRESIDENT:

Captain Mark W. Roche, Newton Fire Department (Retired)

We reluctantly were forced to change the April meeting date to April 20 due to scheduling conflicts as well as many members and presenters attending the FDIC conference during the last week of April. Hopefully members have flexibility with their schedule to this adjust to this last minute change.

I once again thank our March presenter, Wayne Miller, for the fascinating program from his latest book BANG-BOOM-BURN. Members in attendance were intrigued but many of the stories from this great book. I also thank our hosts, Chief Michael Patterson, Assistant Chief Andy Connerty and the members of the Burlington Fire Department for again hosting MIFDI at their facility.

As many retirements occur in January and again in July, I again request members to spread the word about MIFDI to any newly promoted officers within your department, especially those assigned as Training & Safety Officers. Feel free to invite a guest to any meeting to allow them to learn first-hand about what this training organization has to offer.

Last Call for MIFDI members to remain active by submitting the annual dues payment for 2022 (*Refer to the mailing label on your bulletin or the roster handout to check your membership status*). Dues remain at \$35 for Active, \$15 for Retired and \$100 for Associate. Dues can be paid at the meetings or mailed to: **MIFDI, PO Box 507, Merrimac, MA 01860.**

Stay safe and I hope to see you in Newton on the 20th



"To Promote Fire Department Training & Education by the Mutual Sharing of Knowledge"

INSTRUCTORS CORNER:

Tesla MVA & Fire

Interesting post found recently. On March 10, a Tesla was involved in a single vehicle accident causing front end damage and igniting on fire. The injured were treated and transported as the vehicle became engulfed with fire. The fire department reported using 4000 gallons of water to initially extinguish the fire.

The photo below is from the tow lot where the vehicle was taken. Within the five days of the incident, the vehicle battery burned THREE additional times requiring a fire department response each time (Note the battery on the undercarriage). At one point, the tow company flipped the vehicle over to allow the fire department better access to cool the battery. Apparent thermal run-away caused the battery to heat up and reignite in spite of the additional thousand gallons of water applied.

A routine auto fire can usually be extinguished with the typical tank water of 500-750 gallons of water. These new battery powered vehicles will be a significant challenge for the fire service in the future as the country heads towards reduced use of fossil fuels. Until an effective suppression agent is developed for these vehicles, the current recommendation would be to secure a constant water supply from a hydrant, lake or water tanker to constantly cool the battery and protect nearby combustible exposures.

MIFDI encourages feedback from members regarding extinguishment options for these vehicles.

