

The MIFDI BULLETIN

Massachusetts Institute
OF



**FIRE DEPARTMENT
INSTRUCTORS**

February
2022

MIFDI
PO BOX 507
MERRIMAC, MA 01860-0510

63rd Year

(1959-2022)

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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 - 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

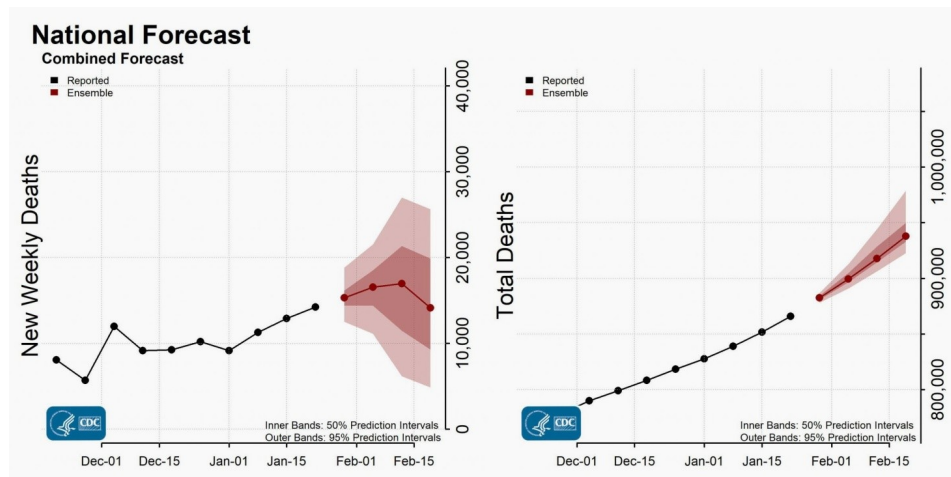
www.Fire-Police-EMS.com

MEETING NOTICE

We reluctantly again decided to cancel our February 23 meeting due to the continuing surge in the covid variants throughout the country.

Again, this decision is not only for the safety of our members, it is becoming difficult to find a host community willing to allow meetings of outside groups into their facilities until the numbers level off again.

We are hopeful to get back on schedule for the March 23, 2022 Meeting.



TREASURER'S REPORT

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

Bills Paid January 2022:
 Feb MIFDI Bulletin - Michael \$120.00 - 01/31
TOTAL EXPENSES: \$120.00

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

Account Transfers:
 None

Total active members = 82

Dues paid thru 2031 = 1
 Dues paid thru 2030 = 1
 Dues paid thru 2027 = 2
 Dues paid thru 2024 = 1
 Dues paid thru 2023 = 3
 Dues paid thru 2022 = 53
 Dues paid thru 2021 = 12
 Dues paid thru 2020 = 9

Mailings

E-Mail - 57 Home - 18
 Work - 7
 Total: 82

Balances as of 02/14/2022

Preferred C.U. Checking: \$ 1,503.86
 Less uncleared checks: \$ (0.00)
 PCU Cking. Balance: \$ 1,503.86
 PCU Savings Balance: \$ 877.27
 Capital One Sav. Balance: \$ 2,318.92
 Total \$ 4,700.05

Membership Totals: 82
 45 Active - 34 Retired - 3 Associate

There were no new members who joined MIFDI.

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. and early Feb. have been deposited.

Respectfully submitted
 02/14/2022
 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!

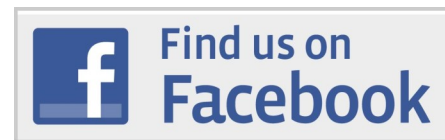
MIFDI will also accept credit card payments. Contact Michael McLeieer for details.

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, 2021. This fee does not apply to new members or for those who renewed before April 1, 2021 (the fee has been waived due to COVID-19).

** If you are a Comcast internet subscriber, you may NOT be receiving the MIFDI monthly emails. Please contact me if you are not receiving your digital Bulletin and email notifications. Thanks.
 Michael

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



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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, 2022.

RECALL OF MEETING #2022-01

The January meeting of MIFDI scheduled for January 26, 2022 was cancelled as a precaution due the surge in the covid variants.





 **Northeast Rescue Systems**


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:


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- Ranger Combat Ready Gear
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- Mercedes Textiles Hose
- BW Technologies
- Genesis Rescue System
- Koehler-Bright Star
- Paratech


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 **Mercedes Textiles**

 **PARATECH**

EMS Run

CO - The Silent Killer



CARBON MONOXIDE (CO)
is a colourless, odourless & highly poisonous gas.

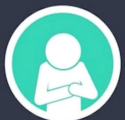


It is particularly dangerous for children because they breathe faster & inhale more CO per pound of body weight, which is why it is often called the "Silent Killer".

SYMPTOMS OF CARBON MONOXIDE POISONING



DIZZINESS



CHEST PAIN



CONFUSION



BLURRED VISION



HEADACHE



SHORTNESS OF BREATH



NAUSEA

LAST ALARM

The Massachusetts Institute of Fire Department Instructors offers our condolences to the members of the Baltimore Fire Department upon the tragic deaths of THREE members and a fourth member hospitalized after a collapse during a fire in a 3-story row-house.



May They Rest In Peace

CONGRATULATIONS

The Massachusetts Institute of Fire Department Instructors offers our congratulations to MIFDI Member/Secretary **Captain Edward “Ted” Quinn** upon his retirement from the Peabody Fire Department effective January 7, 2022 after 38-years. We wish you good health & happiness Ted!



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

February 23-26 2022: JEMS EMS Conference & Expo
National Harbor, MD www.emstoday.com

March 1-3, 2022: FCAM Professional Development Conference
Worcester DCU Center www.fcam.org

March 4-6, 2022: Northeastern Fire Summit
Wells, ME www.nefools.org

March 13, 2022: DAYLIGHT SAVING TIME BEGINS

March 23, 2022: **MIFDI**

March 22-24, 2022: Wildland-Urban Interface Conference
Reno, NV www.iafc.org

April 18, 2022: BAA 2022 Boston Marathon

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



REPORT of the PRESIDENT:

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

I reluctantly again decided to cancel the February meeting due to safety concerns from the covid variant surge. I am hopeful that this is just a temporary hiccup and we can safely reconvene with our training meetings ASAP.

As many retirements occur at the beginning of the year, 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.

A reminder for MIFDI members to submit your 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



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

INSTRUCTORS CORNER:

Lithium Battery Fires

There is a growing usage in lithium-Ion batteries as a power source for many consumer products such as; cell phones, e-cigarettes, laptops, cordless tools, PMD’s (personal mobility device), as well as police body cameras. These batteries use a power source that stores a high amount of energy in a small space. Although considered safe, the reality is that there have been reported over 25,000 overheating or fire incidents with more than 400 products using lithium batteries. The fires can occur when the batteries have defects, assembled incorrectly or damaged during use or transport.

Lithium-ion batteries use lithium in ionic form, lithium-metal batteries contain lithium-metal electrodes. Heat released during the failure of a cell can damage other cells thereby releasing more heat in a chain reaction known as “thermal runaway”.

Lithium battery fires can be difficult to suppress. If you feel heat from a lithium battery device such as a cell phone or body camera, quickly remove it from your clothing. Do not leave these items in the charger once fully-charged or they may become overheated.

Lithium-ion fires are considered a Class B fire so ABC or Dry Chemical extinguisher is the recommended agent. Lithium-metal fires react with water and require a Class D extinguisher. Keep in mind that lithium battery fires release a flammable vapor that is toxic which essentially produces its own fuel and self-perpetuate reaching extremely high temperatures.

A major challenge will be if you have a box or of these batteries in a store or shipping truck, you must first confirm if they are lithium-ion or lithium-metal batteries. During shipping, lithium batteries require protective packaging in lithium battery shipping boxes with proper HAZMAT labels. Again, lithium-ion battery fires are a Class B fire and lithium-metal batteries are a Class D fire. If you don’t have enough of the proper extinguishment agent, it may be a wise decision to isolate the burning product, stay upwind and protect nearby combustible exposures. Remember, a hose-line on a lithium-metal product can create catastrophic reaction. The old theory of pouring water on everything no longer applies for the future challenges of the fire service today.