

# The MIFDI BULLETIN

Massachusetts Institute  
OF



**FIRE DEPARTMENT  
INSTRUCTORS**

December  
2018

MIFDI  
PO BOX 507  
MERRIMAC, MA 01860-0510

59th Year

(1959-2018)

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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)  
 2nd Vice President: Vacant  
 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](http://www.mifdi.org)**

**E-MAIL- [mifditreasurer@escapeinc.org](mailto: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** \_\_\_\_\_  
**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** \_\_\_\_\_

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

**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](mailto:mifditreasurer@escapeinc.org)



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## DECEMBER MEETING

During the month of December, many people take off the week before and/or the week after Christmas making it difficult to secure a presentation and meeting location. It has therefore been decided that we again hold a "Holiday Social Luncheon" for members to break bread together. Last year's Holiday Luncheon was very well received as we enjoyed a few laughs discussing the advantages and disadvantages of hose wagon operations!

The lunch will take place on **Wednesday, December 19, 2018** at 11:30 am at the CAFÉ ESCADRILLE, 26 Cambridge St, Burlington. We will have a table reserved from 11:30-1:30 and they have a nice variety of lunch menu items reasonably priced.

We hope to see many old faces attend as well as those members planning to retire in 2019 moving to a new chapter in their life. For those planning to attend, shoot me an email at [captroche@aol.com](mailto:captroche@aol.com) or leave me a message at 508-655-2528 to ensure that we have adequate seating for our group.

## DIRECTIONS:

From Rt.128/I-95, take Exit 33A towards Winchester. The restaurant is located a short distance on the left. There is plenty of free parking available.



## TREASURER'S REPORT

Beginning Balances for 01/02/2018  
 Preferred C.U. Checking \$212.07  
 Preferred C.U. Savings \$195.58  
 CapitalOne Sav. Balance \$1,771.35  
 Total: \$2,179.00

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

Total active members = 95

Dues paid thru 2021 = 1  
 Dues paid thru 2020 = 3  
 Dues paid thru 2019 = 10  
 Dues paid thru 2018 = 57  
 Dues paid thru 2017 = 24

Balances as of 12/09/2018  
 Preferred C.U. Checking: \$ 134.96  
 Less uncleared checks: (\$ 120.00)  
 PCU Cking. Balance: \$ 14.96  
 PCU Savings Balance: \$ 48.76  
 CapitalOne Sav. Balance: \$ 1,201.89  
 Total \$ 1,265.61

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 2019 dues will be due in January, 2019. Please add \$10.00 for late renewals paid after April 1, 2018 for your 2018 dues.
- (b) You may now use the 2019 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.

Respectfully submitted

12/09/2018

by Michael McLeieer, 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 McLeieer 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, 2018. This fee does not apply to new members or for those who renewed before April 1, 2018.

### Bills Paid November 2018:

December 2018 Bulletin - Michael \$120.00 - 11/30  
 Staples - M. Roche - Office Supplies \$ 21.42 - 11/27  
 TOTAL: \$141.42

### Account Transfers:

None

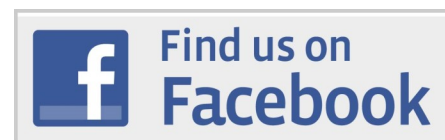
### Mailings

E-Mail - 64 Home - 22  
 Work - 9  
 Total: 95

### Membership Totals: 95

53 Active - 38 Retired - 4 Associate

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](http://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](http://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**

*Nothing Reported by Your Secretary*



**EMS Run**

*All information is advisory only and not intended to replace clinical judgment and complete prescribing information.*

**Transfer to a Level I Pediatric Trauma Center when:**

- GCS  $\leq$  13
- Hemodynamic instability
- Focal neurological deficit
- Pedestrian/bicyclist struck
- Near drowning
- Fall > 10 feet
- Suspected spinal cord injury
- MVC with associated fatality or ejection

**PEDIATRIC GLASGOW COMA SCALE**

	<b>1 Year and Older</b>		<b>Birth / 1 Year</b>	
<b>Eyes Opening</b>	Spontaneously	4	Spontaneously	
	To Speech	3	To Speech	
	To Pain	2	To Pain	
	None	1	None	
<b>Best Motor Response</b>	Follows commands	6	NL spontaneous movements	
	Localizes pain	5	Withdraws to touch	
	Withdraws to pain	4	Withdraws to pain	
	Abnormal flexion	3	Abnormal flexion	
	Abnormal extension	2	Abnormal extension	
	No response	1	No response	
<b>Best Verbal Response</b>	Oriented	5	Coos, babbles	
	Confused	4	Irritable	
	Inappropriate words	3	Cries to pain	
	Nonspecific sounds	2	Moans to pain	
	None	1	None	

**Information for transport referral call, required documentation:**

- Child's name, age, weight
- Medical history and allergies
- Assessment of ABCs
- Present condition and status
- GCS, AVPU
- Vital signs, fluids, medications
- Laboratory results, send X-rays
- Notes - medical, nursing, pre-hospital
- Registration information and transfer consent

**LAST ALARM:**

The Massachusetts Institute of Fire Department Instructors also offers condolences to the family and friends of the following members who died during another difficult past month;

**Firefighter Thaddeus "Tad" Baxter**, ACTIVE member of the Everett Fire Department (Engine 2). F.F. Baxter died suddenly on November 9, 2018 at age 43.

**Firefighter Jamie Galarza**, ACTIVE member of the Boston Fire Department (F.I.U.). F.F. Galarza died from occupational cancer on November 10, 2018 at age 54.

**Lt. Richard F. Steiner**, ACTIVE member of the Boston Fire Department (H.Q.). Lt. Steiner died suddenly November 11, 2018 at age 63.



*May They Rest In Peace*




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- ☐ Mustang Survival
- ☐ Stearns
- ☐ Mercedes Textiles Hose
- ☐ BW Technologies
- ☐ Genesis Rescue System
- ☐ Koehler-Bright Star
- ☐ Paratech

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**PARATECH**

## CONGRATULATIONS:

The officers and members of the Massachusetts Institute of Fire Department Instructors offer our congratulations to all those who received recognition at the 29<sup>th</sup> Annual Firefighter of the Year Awards Ceremony held in Worcester on November 20, 2018.

Among those honored this year were firefighters from Chicopee, Wilbraham, Revere, Worcester, Abington, Centerville-Osterville-Marston Mills, Ayer, Fall River as well as the Western Mass Tech Rescue Team, the Explorer Program, the “NoFires” members, and the Fraternal Order of Firefighter Military Veterans. Chief Stephen Frye from Montgomery was Posthumously awarded a Medal of Honor.

## UPCOMING EVENTS:

December 19, 2018: MIFDI – *Holiday Luncheon*



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## **Firesetting Intervention Resource Exchange**

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community for Firefighters,  
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    - Mental Health Professionals

**[www.fire-exchange.org](http://www.fire-exchange.org)**

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

**269-492-3341**



## **REPORT of the PRESIDENT:**

**Captain Mark W. Roche, Newton Fire Department**

Our November meeting provided members with a presentation on railway safety for firefighters and first responders. I thank Chris Harrington and Mike from Keolis along with Dana from the Transit Police for this informative program. I also thank Chief Thomas MacInnis and the members of the Waltham Fire Department as well as Training Division Captain John Bonadio for hosting our meeting.

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 Burlington on December 19. For those unable to attend, I wish you and your family a Merry Christmas, Happy Hanukkah and safe holiday season.



**AS WE APPROACH THE WINTER SEASON, CHECK THE MIFDI WEBSITE FOR MEETING CANCELLATIONS DUE TO SNOW STORMS AND INCLIMATE WEATHER ([www.mifdi.org](http://www.mifdi.org))**

## **INSTRUCTORS CORNER:**

### ***Highlights from Commuter Rail Safety Training***

The Keolis Operation Control Center (OCC) is responsible for all communication between train crews and emergency personnel in the event of an emergency.

In an emergency, contact the train dispatcher at the OCC and confirm that all train traffic has been stopped before going on the tracks or right of way.

The train dispatcher is the key contact during railway emergencies.

The train dispatcher is directly responsible for all movement of trains within their assigned territory.

The train dispatcher controls signals and switch gears along the tracks.

In the event of an emergency, the train dispatcher will stop and monitor any train movement in the emergency area.

They will also confirm that all train traffic has been stopped before going on the tracks of right of way.

Dispatchers use mile post markers and other fixed landmarks such as grade crossings and bridges that are identifiable.

A typical train crew consists of a Locomotive Engineer, Conductor, and Assistant Conductors. The Conductor directs the train operations, Engineer and Asst. Conductors.

The Engineer operates the train. In an emergency would be able to activate the emergency fuel cut off. He does not wear a uniform and would be hard to detect among passengers.

Notify the train dispatcher of plans to evacuate. The dispatcher will then confirm that all trains in the area have been stopped.

Injured passengers and those requiring assistance will be located and assisted with exiting.

Evacuate cars starting with the car closest to the emergency.

Keolis uses locomotives and control cars for its push/pull operation. A typical makeup of a train is 4 coaches, 1 locomotive and 1 control car.

When the train is outbound, the Engineer is controlling the train from the locomotive.

When the train is inbound, the engineer is controlling the train with the control car. The control car does not have it's own engine. It is equipped with an emergency cut off button.

There is an access door leading from the locomotive cab to the engine room. There are also side panel doors to the locomotive engine room which may be locked.

All MBTA locomotives use diesel fuel (125 degree flashpoint). The fuel capacity ranges from 1600-2000 gallons. A locomotive also holds 300-390 gallons of oil.

All coaches have vestibule doors, side entrance doors, 4 emergency windows on each level.

The power doors can be opened in an emergency by pulling the release handle located adjacent to the door. It can be accessed from both inside and outside the car.

The emergency windows are made of Lexan and cannot be broken. They are designated by red Emergency Exit signs on the inside and outside.

Locomotive and coach hazards include electric motors with 600-volts DC, auxiliary engine with 400- volts AC, lights and HVAC with 74-volts DC. (NOTE: Circuit breakers located in each car). Other hazards include the air lines used to control the braking system.

Track switches, operated manually or remotely, can cause crushing injuries to the foot. Trains with an overhead Catenary System carry 25,000-volts AC. Be sure the catenary wire is de-energized, tested and grounded.

**(KEOLIS: North Dispatcher 617-222-6115, South Dispatcher 617-222-8102, Transit Police 617-222-1212)**