



April, 2019

## B.O.C.O.N.E.O. Officers

### President

Michael Gero  
Independence

### First Vice President

Daniel Spada  
Geauga County

### Second Vice President

Russell Rodic  
Twinsburg

### Secretary/Webmaster

Monica Ferrante  
South Euclid

### Treasurer

Laura Heilman  
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### Education Chairmen

David Faciana  
Olmsted Township

### Cooperating Member

Mike Girbino  
Mayfield Village Fire Dept.

### Past President

James Decker  
Mentor

## President's Message

**Our next meeting and class will be Wednesday, April 17, 2019!** The registration link is active, and the Plan Examiner, Electrical and Plumbing roundtables will be held at 10:30 am. Lunch will be served at noon. This month we will have an Electrical class presented by Tom Moore.

**Dues are due!** The application for renewal and new membership can be found at the BOCONEO website. An application needs to be submitted each year for all types of membership, including retired. Dues are due January 1st and considered late on March 1st. Please get your dues submitted as soon as possible.

**Special announcement regarding the May class:** The May class will be sponsored by the BBS. The class is the new RCO updates and will be presented by BOCONEO's own Jerry Flanik. The BBS will be handling the registration and certificates. The class will start at 10 a.m., run until noon when we will break for lunch and then start back up at 1 p.m. and end at 3 p.m. **Please make note of the time changes!**

Continued...

### April, 2019 Meeting

Tom Moore

### "2017 NEC Emergency Systems and Frequent Violations"

BBS2019-449

3 hours of continuing education for BI, BO, BPE, EPE, ESI, MPE,  
RBI, RBO, RPE.

[Register here.](#)

### Electrical Roundtable

@ 10:30 AM

### Plan Exam Roundtable

@ 10:30 AM

### Plumbing Roundtable

@ 10:30 AM

# B.O.C.O.N.E.O.

Building Officials Conference of North East Ohio



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Everyone should have received an email from the BBS announcing that the new certification rules have gone into effect on April 1, 2019. Check the memo for all of the specific changes. One of the new rules is for renewals submitted on or after January 1, 2020, all certification holders are now required to take **3 hours of code administration instruction, 3 hours of existing buildings instruction, and 1 hour in ethics** every renewal period. The Board will work to identify courses meeting these requirements, and to ensure that opportunities are provided for all certified personnel to obtain the required continuing education. BOCONEO is looking into providing these required classes for the membership.

Please remember, if you did not receive your class certificate within 10 days of the meeting, you must let me know right away. The most common reason that you did not receive one is that you were not scanned into the class roster list. Please be sure to scan in at each meeting. If you are not on the list, we will not be able to supply you with the certificate.

The planning and scheduling of the continuing education classes for 2019 is just about completed. However, 2020 will be just around the corner! If you have any ideas or thoughts of subjects you may like to see please send them to Dave Faciana, Education Chairman, at [dfaciana@olmstedtownship.org](mailto:dfaciana@olmstedtownship.org).

Remember that we all make up the organization, and we all can participate to make the organization better whether it is by serving on a committee or by assisting in the clean up after a meeting. If you have any comments or ideas, please don't hesitate to let me or one of the officers know.

See you at the meeting.



Michael Gero  
President



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## *Second Vice President's Report*

As July 1, 2019 approaches, the mandated change of code enforcement of the National Electrical Code goes from the 2014 to the 2017 edition for a residential application. A modification requirement of section 210.11(c)(4), is a garage branch circuit shall be provided of at least one 120-volt, 20 ampere branch circuit. This circuit shall have no other circuits. In most new construction that I have observed, the power outlets are being provided with 120-volt, 15 ampere branch circuit. The increase of small portable, 120-volt, 1 Hp air compressors for example and other appliances/tools uses, these devices draw exceeds the 15 amperes; the new code change accommodates the insufficiencies for such loads.

Russ Rodic  
Second Vice President



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## Treasurer's Report

March 2019

Checking account beginning balance			\$ 10,202.68
	Deposits:		
Replacement card		\$ 30.00	
Lunches		60.00	
Memberships		<u>3,500.00</u>	
		3,590.00	
	Less:		
Post Office Box Rental Fee		76.00	
Executive Board meeting		112.00	
Meeting Lunches		<u>2,160.00</u>	
		\$ 2,348.00	
<b>Ending Balance</b>			<b><u>\$ 11,444.68</u></b>
Scholarship Account Beginning Balance			\$ 7,873.93
	Deposits:		
	No deposits		
	Less:		
	No withdrawals		
<b>Ending Balance</b>			<b><u>\$ 7,873.93</u></b>
Money Market Account Beginning Balance			\$ 47,676.33
	Plus:		
Interest		<u>.81</u>	
<b>Ending Balance</b>			<b><u>\$ 47,677.06</u></b>
<b>TOTAL ASSETS:</b>			<b><u>\$ 66,995.75</u></b>



Laura Heilman  
Treasurer



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## *Educational Presenter*

This month's scheduled class will be BBS2019-449 "2017 NEC Emergency Systems and Frequent Violations" presented by Tom Moore and will provide 3 hours of continuing education for BI, BO, BPE, EPE, ESI, MPE, RBI, RBO, RPE.

Tom Moore, Akron Ohio, is past President of the IAEI Western Section, Ohio Chapter and Akron Division. Tom presently serves on the IAEI 10 Board of Directors. He has been involved in the inspection industry since 1987 and the electrical industry for over 38 years. Tom is the Assistant Building Commissioner with the City of Beachwood, Ohio.

Tom is very active in the IAEI, where he has represented the IAEI on NEC CMP 11 for the 2005, 2008, and 2011 code cycles and previously CMP 5 for the 2002 Code Cycle. Currently, Tom is Chair of CMP 16 for the 2014, 2017 and 2020 code cycles. Tom was also a member of the first item writing committee for the IAEI/CEI Electrical Inspector Exam. Tom holds the following IAEI position, Akron Division President, Western Section Assistant Secretary Treasurer and representative to the International Board, Officer on the International Board of Directors. Tom also serves as first vice-chairman of the NFPA Electrical Inspector Membership Section.

In addition to Western Section President, he has served as a member of the Ohio Chapter Board of Directors for 20 years as the Ohio Chapter Representative to the Western Section for 18. Tom has served two terms as Ohio Chapter President and multiple committees Chairman of the Ohio Chapter Code Clearing Committee and Public Relations Committee. He serves as Immediate Past President and Membership Chairman of the Akron Division IAEI. He was one of two IAEI members appointed by the Governor of the State Ohio to the NEC Ad-Hoc Committee for successful adoption of the 2008 NEC. Since 1989 he has participated as one of the Ohio Chapter IAEI Instructors for State of Ohio mandatory Electrical Inspector certification courses.

Tom is a member of IBEW Local 306, where for the past 22 years has been a NJATC Apprenticeship Instructor along with Journeyman Training Instructor.



David Faciana  
Education Chairman



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## *Past President's Report*

Under the current edition of the Residential Code of Ohio, freestanding accessory structures of light-frame construction of 600 square feet or less and freestanding accessory structures other than light-frame construction of 400 square feet or less are not required to have exterior footings extending below the frostline (RCO Section 403.1.4.1 Exception #1 and 2). When the new update of the residential code goes into effect on July 1, 2019, these two exceptions have been deleted from the code. The only exception under this section that will continue is for freestanding decks. Therefore, after July 1<sup>st</sup> of this year, any shed, garage or similar structure that is greater than 200 square feet but less than 600 square feet (light-frame) or 400 square feet (other than light-frame) will require a full foundation. The typical monolithic pour that we have all been accustomed to will still be permitted under RCO Section 403.3 only if the structure is heated and insulation is provided around the footer in accordance with this Figure 403.3(1) and Table 403.3(1).



Paul Kowalczyk  
Past-President



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## *Fire Marshal's Report*

In keeping with last month's topic dealing with the commissioning and acceptance of fire alarm systems, another issue I have encountered during this process is a lack of supervision of connected initiation and notification devices. Modern fire alarm systems are capable of monitoring the status of connected peripheral equipment. The 2016 edition of NFPA 72 12.6.1 requires initiation and notification devices to be monitored for integrity by the main fire alarm control. Absence or removal of a device should initiate a trouble signal.

By definition, a trouble condition is a fault in the fire alarm or signaling system. The system or some aspect of it is somehow broken. This differs from a supervisory condition that is an abnormal condition in a system that is supervised by the fire alarm or signaling system. An example of a supervisory condition is a closed fire sprinkler valve. A simple way to test this operation is by removal or disconnection of a device from the system. If the system is operating properly, a trouble signal should annunciate at the control unit within 200 seconds (NFPA 72, 12.6.1). If no signal is initiated, there is a problem that needs to be addressed. This feature helps ensure the integrity of all required peripheral devices that were part of the system design and are essential to the proper operation of the system and protection of the occupants and premises.

Failure of the FACU to recognize a missing device should be cause for further investigation and corrective action on the part of the certified contractor of record and cause for non-acceptance and approval until the deficiency is corrected and the system retested.



Assistant Chief Michael Girbino, Fire Marshal  
Mayfield Village Fire  
B.O.C.O.N.E.O. Ad-Hoc Executive Board Member