



June, 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  
South Euclid

### 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, June 19, 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. The class will be a four-hour class so it will be starting at 12:30 pm. This is the last meeting until September.

**Electric Roundtable:** We have not yet had a volunteer to moderate the electric roundtables. This month, the gentlemen from CSA have graciously agreed to present the roundtable and discussion.

**Dues are due!** Dues are due January 1st and considered late on March 1st. 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. The definition of *retired* is that you are not working as a consultant or fee paid inspector, or working in any capacity with a governmental or private agency. Please get your dues submitted as soon as possible.

Continued....

**June 2019 Meeting**

**Paul Fussner**

**Articles 230-450**

**BBS-024, 4 hours cont ed for BO, MPE, BPE, RBO, RPE, AND ESI**

[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 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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## *First Vice President's Report*

The Annual BOCONEO Golf Outing will take place again at Rolling Greens Golf Club on Friday, July 26. The Golf Committee works hard at trying to put on a successful, fun event at minimum costs. The \$75 registration covers your green fees, cart, lunch, dinner, and a chance at door prizes. The hole sponsorship proceeds benefit the John Korinek Memorial Scholarship Fund. BOCONEO has been able to help many kids through the years with monetary scholarships. If you or someone you know has received one of these, return the favor and support the Memorial Fund. Hole sponsors are \$50.00 and include a sign placed at the tee, (there can be multiple signs at each tee). A hole sponsor can be a business, a company, a person, in memory of someone, a dedication to someone, a vet, active military, or just you.

The Scholarship Committee has criteria they use to award scholarships; one of those is... "Does the member submitting the application participate in the organization outside of regular meeting attendance?" A \$50 investment could turn into one of the scholarships handed out. Don't blow your kids chance at receiving one of these. All it takes is one Hole Sponsorship from a business/company for a great cause to increase the applicant's chances. The other criteria that the committee uses for awarding the Scholarships can be found below.

The Registration and Hole Sponsor forms can be found on the BOCONEO website.

### BOCONEO Scholarship

1. Was the application received by the deadline submission date?
2. Does the applicant meet the application requirements?
3. Does the member submitting the application participate in the organization outside of regular meeting attendance?
4. Has the applicant received a scholarship before?
5. Is the application complete?
6. Was the application completed by the student or the parent?
7. Does the applicant participate in activities other than just attending school?
8. Does the applicant have a work history?
9. Did the applicant include any additional information to support the application?



Daniel Spada  
First Vice President



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## *From Your Secretary*

Many thanks to those who responded to dues requests. There are still about a dozen active members who are not up to date with renewals for 2019. Please renew as soon as possible. Even if retired, we need the application for 2019. Applications can be found on the BOCONEO website.

Please remember that your plastic Boconeo membership/swipe card is a permanent card. We do not issue new cards every year.

Welcome to all new members. Please let me know at sign in if you have not received a membership card.

See you at the meeting on June 19.



Monica Ferrante  
Secretary

[Link to BOCONEO website](#)



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## From Your Treasurer

May, 2019

Checking account beginning balance		<b>\$15,950.68</b>
Deposits:		
Lunches	\$ 330.00	
Memberships	<u>800.00</u>	
	\$ 1,130.00	
Less:		
State of Ohio Business Registration	50.00	
Accountant, Secretary, Treasurer fe	1,450.00	
Executive Board meeting	77.00	
Meeting Lunches	<u>3,766.00</u>	
	\$ 5,343.00	
<b>Ending Balance</b>		<b><u>\$ 11,737.68</u></b>
Scholarship Account Beginning Balance	\$3,623.93	
Deposits:		
Player and hole sponsors	\$175.00	
Less:		
No withdrawals		
<b>Ending Balance</b>		<b><u>\$3,798.93</u></b>
Money Market Account Beginning Balance		\$47,677.87
Plus:		
Interest	<u>.81</u>	
<b>Ending Balance</b>		<b><u>\$47,679.46</u></b>
<b>TOTAL ASSETS:</b>		<b>\$63,216.07</b>



Laura Heilman  
Treasurer





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## ***This Month's Educational Presenter***

This month's speaker is Paul Robert Fussner, BBS State Certification # 504.

Paul Fussner has thirty-seven years of experience in the building and electrical trades, and is the founder and president of the Gibson Robert Company, Inc.

He brings twenty-three years' experience as a State Certified Electrical Safety Inspector and 18 years' experience as a State Certified Building Inspector with nine years of departmental management experience, in addition to seven years as a Building Official.

He is the former Chairman, Western Reserve Chapter International Association of Electrical Inspectors and served two years as the education chairman for the Western Reserve Chapter of the IAEI.

He is the owner of The Institute for Professional Education, a State of Ohio Training Agency for the Mandatory Continuing Education Credits for Electrical Safety Inspectors and State Licensed Electrical Contractors and is accredited by the Ohio Board of Building Standards and the Ohio Construction industry licensing board.

This month's presentation, BBS-024, covers Articles 230-450 for 4 continuing education credit hours for BO, MPE, BPE, RBO, RPE, AND ESI.



David Faciana  
Education Chairman



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## *Fire Marshal's Report*

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Commissioning and acceptance testing of fire alarms tends to be a tedious, sometimes complicated endeavor, so I thought I would continue this series for our June newsletter. I hope you have found this information useful thus far.

Today's fire alarm systems have benefited from advances in technology in a number of ways. Many fire alarm controllers are operated by microprocessors making them programmable to some degree and thereby expanding their capabilities and offering flexibility in both design and future expansion. Occupant notification devices are often field-adjustable for candela and sound pattern. When speakers are used as audible notification, they are often capable of being field adjustable for wattage. These features allow system designers flexibility in system design and specification and provide ease of adjustment for field installers and service technicians. This is especially useful during acceptance testing and commissioning when we attempt to evaluate the audible and visual characteristics of the system as it operates and compare the installation to the approved plans.

In my experience, during acceptance testing it is not uncommon to find visual devices set at a candela that differs from the approved plans. In addition, audible characteristics including audible synchronization which affects the distinctive sound pattern as well as sound pressure levels may need adjustment. Audible distinction is required under (1)907.5.2.1 of the 2017 Ohio Fire Code. NFPA 72, (2016) 18.4.2.1 further defines this distinctive signal as Temporal III cadence. This 3 pulse repeating cadence must be clear and discernable from all occupied locations within the protected premises and not less than the audible levels specified in (a) 907.5.2.1.2. In addition, those alarms employing voice notification must meet the intelligibility requirements of NFPA 72 (2016) 18.4.10. Confirming and verifying audible levels meet the requirements of the code typically involve the use of a decibel meter.

Continued....



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As configurable notification devices are typically provided with an adjustment means and setting indicator, confirming candela settings in the field involves simply visualizing the device indicator. If the device setting is not consistent with the approved plans, the technician can usually make a simple adjustment. During a previous inspection I ran into a situation where the model of notification device used was different than what had been approved in the submittal. The devices used were ceiling mounted horn/strobe units in a large S-1/F-1 Use facility. After checking several devices on a lift with the technician it became clear that every device installed was of the incorrect model and, were not capable of being set to the candela specified in the approved plans. Subsequently, the system failed acceptance. The correct model was eventually installed, set to the proper candela, tested and accepted.

The testing of audible devices is a bit more subjective and correction of deficiencies can be somewhat challenging. A decibel meter can assist in determining if audible signals meet the intent of the Code. Design audible levels can vary from actual levels during testing due to furnishings, decorative materials, finish and trim. As for verifying the temporal III evacuation tone, the three pulse pattern should be clearly discernable with no drift or overlap from devices in adjacent spaces. Systems equipped with more than a single notification appliance circuit (NAC) power supply may require a synchronization module or other means to unify the temporal III cadence of connected devices.

With voice notification systems, intelligibility should be verified during acceptance testing by simply activating an initiation device and listening to the recorded message. The message itself must reflect what was noted in the approved plans and must be of sufficient volume and clarity so that it is able to be understood by the occupants without confusion. Audible adjustments to voice notification systems tends to be simpler than standard systems as the speaker wattage is often adjustable at the device. Keep in mind that increasing the wattage setting may be limited by the capacity of the connected NAC power supply/amplifier.



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