

SOUTH FLORIDA NEWS

Chapter Announcements

- ◆ Did you know that the first edition of the Florida Building Code was published in 2001? We are currently on the 6th edition and that the 7th edition will have an effective date of December 31, 2020? We invite you to visit the Florida Building Code website for more details: https://www.floridabuilding.org/bc/bc_default.aspx
- ◆ ASPE's [Certified in Plumbing Design \(CPD\) program](#) offers the only international credential for engineers and designers of plumbing systems. [Registration](#) is open for the 2021 exam, which will be held via remote proctor on April 5-16.
- ◆ Each year ASPE awards up to \$3,000 in scholarship monies to qualified students through the [Alfred Steele Scholarship](#). The deadline to apply is January 31, 2021. More information and the application package can be found at [ASPE.org](#).

ASPE Pipeline

Keep up to date with everything ASPE on the [ASPE Pipeline](#).

About ASPE

The American Society of Plumbing Engineers (ASPE) is the international organization for professionals skilled in the design, specification and inspection of plumbing systems. ASPE is dedicated to the advancement of the science of plumbing engineering, to the professional growth and advancement of its members and the health, welfare and safety of the public.

The Society disseminates technical data and information, sponsors activities that facilitate interaction with fellow professionals, and, through research and education, expands the base of knowledge of the plumbing engineering industry. ASPE members are leaders in innovative plumbing design, effective materials and energy use, and the application of advanced techniques throughout the world.

The SOUTH FLORIDA NEWS is a publication of the Miami Chapter of the American Society of Plumbing Engineers. The Society or Chapter assumes no responsibility for any advertisements, statements by any officer or member which may be construed as an approval or disapproval, or official position of the Society, of the material contained herein. Local Chapters are not authorized to speak for the Society.



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ASPE Connect

ASPE Connect: One of the Best Things ASPE Has Done in Years

- Since the launch of ASPE Connect—the hottest online community for plumbing industry professionals—thousands of plumbing engineers and designers from around the world have benefited from its shared knowledge and expertise on a daily basis. In our Open Forum, you can get quick answers and advice from numerous experts, often within minutes. ASPE Connect is free for ASPE mem-



Presidents Report



30 Days and Counting...

Like so many of you, I cannot wait to put 2020 behind us. This has been such a difficult year for everyone in so many ways. I am so looking forward to starting the new year and hope that we never have to face another year like this one.

As this pertains to the ASPE Miami Chapter, we can look back on 2020 and be excited about the changes that have taken place. In

the past year we have seen the chapter grow and become more involved with helping our members. The new web site and monthly newsletter have helped many within the local area take notice and start to get involved once again.

The chapter has also become involved with Florida International University (FIU). We have met with the Engineering and Construction Management Departments, and we are in the process of starting a new ASPE Student Chapter. The main goal of this will be to inform and educate the students about the industry and what ASPE can do to help them. In February 2021, we are planning on working along with FIU to promote the plumbing industry during Engineer Week. We will have more information about this in the months to come.

We have changed the monthly meetings and now offer not only a new location but new information and topics to help improve our educational efforts. Each month, we have had speakers at our technical meetings present topics that are on the cutting edge of our industry. Because of this, we have seen new members and added interest in the society.

I would like to remind everyone that we hold both a lunch and evening meeting on the 2nd Thursday of each month. We hope that you can attend and see what the Miami Chapter is doing to assist your development and education. Meeting information is available at [ASPE Miami Chapter - Meeting/Event Information](#). On behalf of the ASPE Miami Chapter officers, we want to wish you and your families all the best during this holiday season.

Looking forward to seeing you in January 2021.

A handwritten signature in black ink, appearing to read 'Vince'.

Vince Scriboni, FASPE

Miami Chapter Board

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VP-Membership

Open

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AYP Liaison:

Open

Affiliate Corner

Will Stransky — Affiliate Liaison.

Have been in touch with Wholesalers and Manufacturer's Reps to get involved with the South Florida ASPE Chapter. There is a growing enthusiasm and we look forward to seeing new faces and hearing about their firms.

The monthly Technical Presentations during our meetings are very informative and interesting. We can all benefit from learning more about the various parts and devices in modern plumbing systems.

Looking forward to seeing you at the next meeting.



Membership News

Lets welcome our newest members to the ASPE Miami Chapter:

- ◆ **Dennis L. Heaberlin**
- ◆ **Scott A. Smith**
- ◆ **Sirisha Lakshmi Karnam, PE, LEED, CPD**
- ◆ **Jorens Pierre**
- ◆ **Jose A. Rodriguez**
- ◆ **Leon Holmes**

Part of the responsibility of being a member of ASPE, is to tell others within our industry about the Society. We also need to tell others that the Society is not just for engineers. Many of our members are code officials, manufacturer representatives, plumbing, maintenance & HVAC technicians, architects, and wholesalers.

By having member's from so many different phases of the industry, we are all given the opportunity to learn more about what is needed to properly design buildings and systems.

For the online ASPE Membership Application [Click Here](#)

Legislative News



Luis Crespo, Sr.—Chapter VP-Legislative

Welcome back to the monthly ASPE Miami Chapter Newsletter for December. Hope everyone is doing well and getting ready for the Holiday. Please be safe and take extra precautions when visiting family and friends. From our chapter to you we wish you Happy Holidays.

What are the legal aspects of the FBC? I want to go over some of the most significant provisions contained in Florida State Statute 553 that regulate the Florida Building Code and also discusses how the statutory provisions are incorporated into the codes. This part shall be known and may be cited as the “Florida Building Code Act.” We know that the Property Maintenance Code is not adopted for statewide use under the Florida Codes and not referenced in Ch. 1 of the FBC, Building. It can only be adopted on a local level by ordinance.

How we look at Threshold Buildings for that as defined 553.71 Definitions (9) “Special inspector” means a licensed architect or registered engineer who is certified under chapter 471 or chapter 481 to conduct inspections of threshold buildings. A Threshold building” means any building which is greater than three stories or 50 feet in height, or which has an assembly occupancy classification as defined in the Florida Building Code which exceeds 5,000 square feet in area and an occupant content of greater than 500 persons. “Special Inspector” is also not defined in FBC §110.8, Threshold Building. The definition is only found in the statute.

In the F.S. 553.79 talks about permits; applications; issuance; inspections but are one- and two-family dwellings subject to plan review and inspections by the local fire official? Yes, one-family and two-family detached residential dwelling units are not subject to plan review by the local fire official as described in this section or inspection by the local fire official as described in s. 633.216, unless expressly made subject to the plan review or inspection by local ordinance. So why is the Florida Fire Prevention Code referenced in the FBC-Residential? Mostly is Life Safety! Why is life safety so important and the purpose of the code is to establish the minimum requirements to provide a reasonable level of safety, public health, and general welfare through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide a reasonable level of safety to firefighters and emergency responders during emergency operations. **(Continued on Page 5)**

Legislative News

(Continued from Page 4)

Now we get to F.S. 553.73 Florida Building Code and the technical portions of the Florida Accessibility Code for Building Construction which shall be contained in their entirety in the Florida Building Code. The civil rights portions and the technical portions of the accessibility laws of this state shall remain as currently provided by law. Any revision or amendments to the Florida Accessibility Code for Building Construction pursuant to part II shall be considered adopted by the commission as part of the Florida Building Code. Neither the Commission nor any local government shall revise or amend any standard of the Florida Accessibility Code for Building Construction except as provided for in part II.

We talked about the pool in my last letter and Chapter 515 FBC covers the Residential Swimming Pool Safety Act. The 515.23 Legislative findings and intent. The Legislature finds that drowning is the leading cause of death of young children in this state and is also a significant cause of death for medically frail elderly persons in this state, that constant adult supervision is the key to accomplishing the objective of reducing the number of submersion incidents, and that when lapses in supervision occur a pool safety feature designed to deny, delay, or detect unsupervised entry to the swimming pool, spa, or hot tub will reduce drowning and near-drowning incidents. Therefore, the Legislature intends that all new residential swimming pools, spas, and hot tubs be equipped with at least one pool safety feature as specified in this chapter. We also look at 515.27 Residential Swimming Pool Safety Feature Options; Penalties (1) In order to pass final inspection and receive a certificate of completion, a residential swimming pool must meet at least one of the following requirements relating to pool safety features: Pool Barrier (see 515.29 for specifications), Door and Window Alarms (min. 85 dB at 10 feet), Door Latches at 54" AFF, and Pool Alarms.

As to where do local jurisdictions gain the authority to amend Chapter 1, Scope and Administration, of the Florida Building Code. In 553.73 Florida Building Code, all entities authorized to enforce the Florida Building Code pursuant to s. 553.80 shall comply with applicable standards for issuance of mandatory certificates of occupancy, minimum types of inspections, and procedures for plans review and inspections as established by the commission by rule. Local governments may adopt amendments to the administrative provisions of the Florida Building Code, subject to the limitations of this paragraph.

Well, this is all I got for this section and I will try to continue for the next newsletter and bring Local amendments to the code. Hope you keep reading and sharing this information. Please stay safe and Happy Holidays to you ALL!

Luis. A. Crespo



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Education News

Elvira Pita-Mejia — Chapter Education Chairperson

Happy Holidays to all from sunny South Florida.

We are happy to report that last month our president held a meeting with the engineering community at Florida International University to discuss how we can incorporate the engineering students into our chapter.

The Miami ASPE Chapter firmly believes in the importance of paying it forward and engaging young professionals in the industry. As such, our chapter will be inviting engineering students to our upcoming meetings as well as promoting the engineering school and their many exciting projects in our monthly newsletter.

DON'T MISS our upcoming meeting on December 10, 2020 where Jorge L. Megias (Technical Manager – Florida Region VIEGA) will be presenting on “Water Quality Design”. To find out more and to sign up for meeting please make sure to register ahead of time. Registration is easy and is available on our ASPE Miami chapter website: <https://aspemiami.com/>

STAY SAFE AND BE WELL!

Elvira

Technical Corner

Andre Leslie — Chapter VP-Technical



Please
JOIN



Women
of **ASPE**
FLORIDA CHAPTERS

on

Zoom

for a Trivia Night Happy Hour!

Please join the Women of ASPE from the Florida Chapters for a virtual happy hour. We will be playing trivia and the first and second place winners will receive an awesome prize!

Tuesday
DEC. 15TH
6-7pm

RSVP REQUIRED



BYO:
 and    
of choice

FOR ZOOM LINK, RSVP TO:
ELVIRA PITA-MEJIA
(WOA liaison – Miami Chapter)
vpeducation@aspemiami.com

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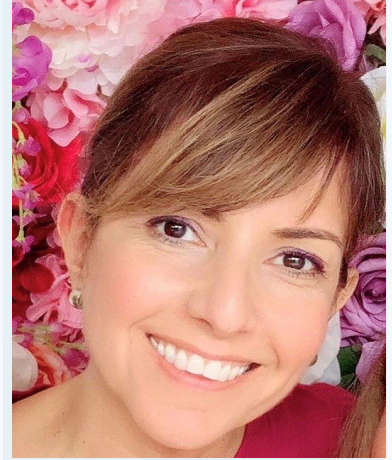
Women of ASPE

Elvira Pita-Mejia — WOA Liaison.

While the holidays look very different this year, it doesn't mean we can't still find innovative and fun ways to celebrate. On December 15, 2020 at 6:00pm the Miami Chapter will be hosting a virtual trivia night Happy Hour for all the WAO Florida Chapters. Lauren Berenato (National Specifications Manager for Jomar) will be our Guest MC and Terrese Tuchscher (Technical Sales Specialist for Oatey) will also be joining in on the fun. There will be prizes for the winner and runner up sponsored by Oatey products.

Please contact me at woaliaison@aspemiamichapter.com if you are interested in attending. The more the merrier!

Finally, we encourage all women in the industry to join our group. This organization is open to women who have an active membership with the American Society of Plumbing Engineers. For more information you can contact me at woaliaison@aspemiamichapter.com or check out our website - <https://www.aspe.org/membership-global-community/membership/special-interest-groups/women-of-aspe/>



AYP Report

No report at this time.

Thursday, March 11, 2021

BOWLING NIGHT



TOURNAMENT AND TRADE SHOW

Check-In begins @ 5:30 PM • Tournament Starts @ 6:00 PM

Sponsorship Opportunities include:

PERFECT GAME SPONSOR: \$500

- One Table for the Product Show
- One 4-Person Team
- Company Logo on Event Marketing

CLEAN GAME SPONSOR: \$350

- One 4-Person Team
- Company Logo on Event Marketing

CLEAN GAME SPONSOR: \$100

- Company Logo on Event Marketing

ENTRY FEE: \$100 per Person | Team Discount Rate: \$250

- All tabletop information will be sent out prior to the event.
- All proceeds from this event will benefit the ASPE Miami Chapter.
- Reservations will be confirmed by receipt of registration and sponsorship form.
- All payments must be received no later than Friday, March 5, 2021.
- Receipt of payment is required for registration and/or inclusion in the signage.
- Current social distancing and COVID-19 precautions will be followed

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City/State/Zip:		2)	
Email:		3)	
Phone No:		4)	
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NOTE: Payments can be made on our web site at <https://aspemiami.com/meetinginfo.php>



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Women of ASPE

Dedicated to **engaging, retaining,**
 and **advancing** women in the plumbing
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- Mentoring programs
- Membership outreach
- Partnerships with industry-related associations
- Educational and leadership offerings

To join WOA, email rrodriguez@aspe.org
 For more information, visit aspe.org



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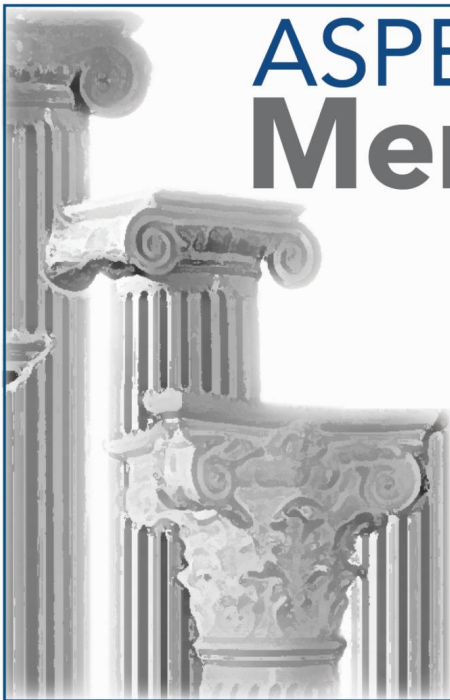
AYP is dedicated to the needs of plumbing designers 35 years old and younger. Your local ASPE Chapter is busy organizing exciting opportunities to help you excel in your career:

- Partnerships with other industry groups
- Social and networking events
- Professional development opportunities
- Mentoring programs
- And more!

Visit aspe.org to get involved.



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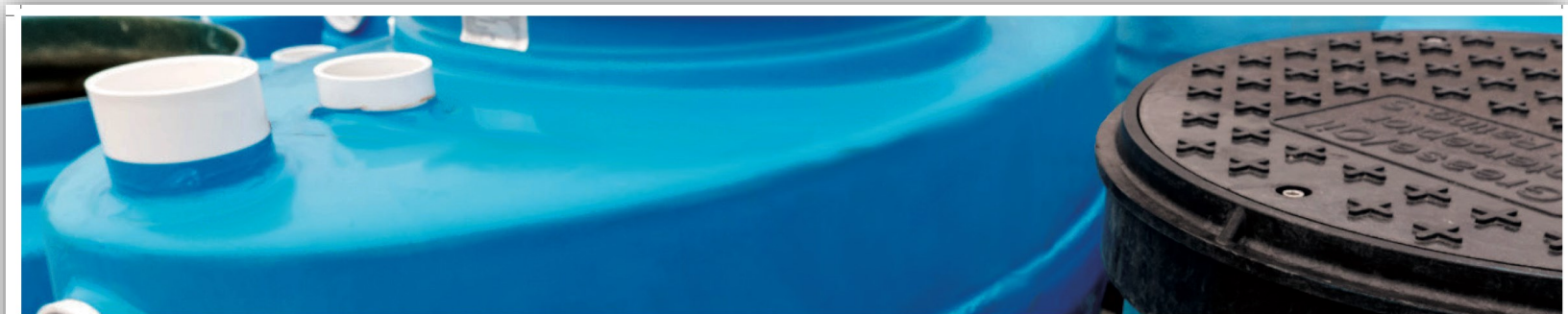
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Francisco J Gonzalez P.E.	3-Dec
Charles W. Killingsworth P.E.	10-Dec
Frederick Charles Schilling	10-Dec
Julian R. Puerta CPD, GPD	11-Dec
Juan P Gonzalez P.E.	18-Dec
Dustin Hunter Gillis	20-Dec
Charles D. Ermer	23-Dec



Ward C. Connors P.E.	1 Year
Rashidi Lee G.E.	2 Years



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Schedule of Events

December 2020	
1 st	CPD Registration Opens
February 2021	
21 st – 27 th	Engineers Week
March 2021	
11 th	Miami Chapter Bowling Tournament & Tabletop AMF Boynton Beach Lanes, Boynton Beach
April 2021	
5 th – 16 th	CPD Exam Dates
8 th	CPD Registration Closes
June 2021	
24 th – 27 th	ASPE Chapter Presidents Leadership Summit – Chicago, IL
September 2021	
21 st – 25 th	ASPE Symposium – San Diego, CA
September 2022	
22 nd to October 2 nd	ASPE Convention & Expo Indianapolis, IN

2020-2021 Chapter Meeting Dates

DATE	TOPIC	LOCATION
Thursday, September 10, 2020	Oil Water Separators. Presented by: Highland Tank	Virtual
Thursday, October 8, 2020	High Rise Plumbing Design Presented by: David DeBord FASPE, CPD, GPD, LEED BD+C, ARCSA®AP	Virtual
Thursday, November 12, 2020	Domestic Hot Water Recirculation Systems Presented by: Tom Ruggerio– ThermOmegaTech.	Virtual
Thursday, December 10, 2020	Water Quality/Pathogen Risk Reduction by Design Presented by: Jorge Megias - Viega	Virtual
Thursday, January 14, 2021	Stainless Steel in Sanitary Design Applications Presented By: Brian Gillespie—Zurn Industries	Virtual
Thursday, February 11, 2021	Rethink Water Heating Presented By: Tom Schroder—Emax	Virtual
Thursday, March 11, 2021	Bowling Tournament	
Thursday, April 8, 2021	Choosing the Technology of Medical Air and Medical Vacuum Presented by: Shannon McAfee- Pattons Medical	Virtual
Thursday, May 13, 2021	Achieving Sanitation and Safety with the Latest Plumbing Innovations Presented by: Jon Huddle - Zurn Industries	Virtual
Thursday, June 10, 2021		

Advertising Rates

	ASPE Member	Non-Member
Business Card	\$125	\$175
1/4 Page Ad	\$175	\$225
1/2 Page Ad	\$250	\$300
Full Page Ad	\$400	\$450
Full Page Insert	\$100	N/A



2020 – 2021 Chapter Sponsorship Program

Platinum Level – Contribution: \$1,500 (\$2,200 value)

- * Your company will be included in all ASPE advertisements for the entire year, Including web site banner.
- * Full page advertisement in the Miami Chapter newsletter for a full year.
- * A complimentary full page insert in the Miami Chapter newsletter – once per year.
- * Two (2) pre-paid ASPE Memberships for one-year.
- * Two (2) tables for the display of products at the Bowling Tournament & Product Show
- * Two (2) 4-person teams in the Bowling Tournament
- * Two (2) complimentary tickets for each of the Chapter Technical Meetings.
- * Ability to commit up to three (3) additional years at \$1,500, with full payment at time of agreement.

Gold Level – Contribution: \$1,300 (\$1,600 value)

- * Your company will be included in all ASPE advertisements for the entire year, Including web site banner.
- * Full page advertisement in the Miami Chapter newsletter for a full year.
- * One (1) pre-paid ASPE Memberships for one-year.
- * One (1) tables for the display of products at the Bowling Tournament & Product Show
- * One (1) 4-person team in the Bowling Tournament
- * Two (2) complimentary tickets for each of the Chapter Technical Meetings.
- * Ability to commit up to one (1) additional years at \$1,300, with full payment at time of agreement.

Silver Level – Contribution: \$800 (\$1,000 value)

- * Your company will be included in all ASPE advertisements for the entire year.
- * One-Half (1/2) page advertisement in the Miami Chapter newsletter for a full year.
- * One (1) tables for the display of products at the Bowling Tournament & Product Show
- * One (1) 4-person team in the Bowling Tournament
- * One (1) complimentary ticket for each of the Chapter Technical Meetings.

Bronze Level – Contribution: \$500 (\$600 value)

- * Your company will be included in all ASPE advertisements for the entire year.
- * One-Half (1/2) page advertisement in the Miami Chapter newsletter for a full year.
- * One (1) complimentary ticket for each of the Chapter Technical Meetings.

For additional information go to <https://aspemiami.com/Sponsorship>