



Miami Chapter Update

2024 XII CRC

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Delegate, President 2023-24

8/11/2024



Shaping Tomorrow's
Built Environment Today

Business Functions

▶ Financial Update

- ▶ Met RP Goal
- ▶ Paid Taxes in Nov 2023
- ▶ Chapter has sufficient reserves.

Submitted 2023 and 2024 chapter financial audit (s)

▶ Electronic Media / Communication

- ▶ Using Constant Contact for events - with custom form fields for keeping track of engineers, finding YEAs, asking survey questions. Sign in form and Payments linked!
- ▶ Constant contact, Instagram, started LinkedIn
- ▶ We have transformed our website to include more monthly updates - <https://www.ashraemiami.com/>

Chapter Highlights / Challenges

Highlights

- ▶ Achieved goals of increasing engineer attendance
- ▶ Government Affairs 5 km/hr to 100 km/hr
- ▶ Averaged 42 people per meeting (vs 29 previous), June meeting had 72!
- ▶ Increased # of volunteers and participation of leadership team - this year's BOG with 4 PEs and 1 PhD vs (2/1 last yr). 11 diff. committee members this yr vs
- ▶ 11 Tech meetings!
- ▶ Largest Golf Tournament to date
- ▶ Joint meeting with Columbia
- ▶ Joint meeting with MCASF - mechanical contractor association on A2L refrigerants

Challenges

- ▶ More Consulting Engineers companies at meeting and more RP donation from consulting firms
- ▶ Increasing YEA and student involvement - more informal get-togethers (happy hours)

Committee Updates

- ▶ Membership Promotion
 - ▶ New members: 18
 - ▶ Delinquent members: 10
 - ▶ Gained 8 members
- ▶ CTTC
 - ▶ 11 meetings total
 - ▶ 11 with PDH points
 - ▶ 3 DL visits (1 Refrigeration)
 - ▶ Challenge: getting engineers more involved with TCs
- ▶ Research Promotion
 - ▶ Met goal
 - ▶ Challenge: consulting engineer RP contributions
- ▶ GGAC
 - ▶ Many activities involving government affairs.
 - ▶ **DOE School awards recently announced for Miami-Dade and Broward!!**
- ▶ YEA
 - ▶ Up to 31 from 16 YEA Members
 - ▶ Challenge: more activity
- ▶ Student Activities
 - ▶ 15 Members, up from 8
 - ▶ Presidential meeting with FIU and University of Miami
 - ▶ Refrigeration DL meeting w U of M
 - ▶ Challenge: K-12. more students to chapter meeting and at student/mixer events
- ▶ History
 - ▶ Challenge: Limited activities in history due to focus on other areas of the chapter.
 - ▶ Found new chair - SRM!

This year's main themes

- ▶ Decarb, Sustainability (3 meetings)
- ▶ A2L Refrigerant Change-over (2 meetings, Joint meeting w MCASF and DL meeting)

Government Affairs - Wow!

DOE Schools grants approved M-D and Broward!



Miami Chapter is featured in the Society Government Affairs Update!! (click picture for link - you can subscribe to the GA Updates - Our GA Committee Member Co-Chair, Ruben Abreu will be attending the Region XII Day On The Hill event Feb 5 in Tallahassee to meet in-person with Florida Lawmakers to discuss ASHRAE related topics!)



Government Outreach

ASHRAE Miami Chapter and President Scoggins Meet with Miami Dade County Officials

On January 9, the ASHRAE Miami Chapter, led by Government Affairs Chapter Chair Haleh Moghaddasi, alongside Society President Ginger Scoggins, held a series of collaborative meetings with the Miami Dade County Office of Sustainability and Resiliency. During these sessions, President Scoggins and the ASHRAE Miami Chapter leadership team engaged in conversations about decarbonization strategies, federal funding, and standards and regulations aimed at hastening the achievement of climate targets. They underscored the

decarbonization terminology, goals, and methods. This session equipped engineers and owners with valuable insights for implementing effective strategies in both new and existing buildings. Emphasizing the building industry's role, the dialogue stressed our responsibility in mitigating greenhouse gas emissions to combat the effects of the climate crisis, underscoring the industry's crucial contribution to emissions reduction.



Caption: Miami-Dade County Office of Resilience Officials meet with ASHRAE Leadership

Day on the Hill (DOTH)



YEA Activities





Photos on right courtesy of todays-ac.com



Jan 9th, 2024 Society President - Decarbonization Visit Recap

President's Visit - Decarbonization



President's Visit - Decarbonization



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ASHRAE Miami Technical Meeting: Decarbonization 101 with ASHRAE Society Presidential Visit



On Tuesday, January 9, 2024 from 12:00 PM to 2:00 PM the ASHRAE Miami Technical Meeting and ASHRAE Society Presidential Visit was held at the 94th Aero Squadron in Miami. What better way to learn the ins and outs of Decarbonization than from the ASHRAE Society President Ginger Scoggins!!

This presentation covered decarbonization terminology, goals, and methods for engineers and owners to understand and apply effective decarbonization strategies for new and existing buildings, and discussed the importance of the building industry to play our part in reducing greenhouse gas emissions to slow the impact we are having on the climate crises. ASHRAE President Ginger Scoggins also discussed ASHRAE's commitment to Net Zero, and the new standards and guidelines that are being produced to help their members get started on their own journey to understanding and addressing the issues. Next meeting is Feb 13, 12-2pm at the 94th Aero Squadron in Miami. The technical meeting will be about ASHRAE Standard 15 - A Review and Update.

What seems to be working...

- ▶ Monthly Leadership Virtual Meetings 1-2 weeks after monthly meeting w agendas meeting minutes
- ▶ Greater utilization of DL visits - DL meeting, meetings w student chapters, YEA, government offices
- ▶ YEA simple get togethers - DL Happy hour
- ▶ Nominating committee for full BOG - two committee members are now board members (one is a consulting eng)

| 2023-24 stats | | |
|---------------|-------------------|--------------------|
| | #engineers | meeting attendance |
| July | - | - |
| August | - | - |
| September | 9 | 37 |
| October | 16 | 54 |
| Nov | | |
| November | 23 | 56 |
| December | 8 | 53 |
| January | 16 | 37 |
| February | 18 | 55 |
| March | 11 | 25 |
| April | 10 | 37 |
| May | 5 | 16 |
| June | 32 | 72 |
| total | 148 | 442 |
| average | 14.8 | 44.2 |
| | percent engineers | 33.5% |

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is a clean, white space.

Questions?

Activity List

- **Sept. 12th "Building Commissioning in the Built Environment - Principles, Process, Procedures, and the Future"** by Ross Montgomery, PE, ASHRAE Distinguished Lecturer, and ASHRAE Fellow.
- **Sept 12th Commissioning, DL visit to FIU Students**
- **Oct. 17th, 2023 at 12:00 pm. "How to Streamline the Florida Building Code Wind Load Approval Process for Rooftop Equipment - FBCM 301.15, Equipment NOAs, and upcoming AMCA 280"** by Alfonso Fernandez-Fraga, PE, ASHRAE Life Member, ASHRAE Miami Chapter past GA Chair and past Chairman for the Miami-Dade County Board of Rules and Appeals
- Nov 9 - Miami and Colombia, Hybrid meeting in Colombia, DL presentation, tech presentation, Tulia Presidential theme presentation
- Oct 24th 10-2pm, Miami ASHRAE with booth at the FIU Sustainability Fair, encouraged sustainability by handing out water bottles to use instead water bottles
- **Nov. 14th** - "2023 Florida Energy Conservation Code Changes" by Timothy G. de Carion and "Significant Changes to the 2023 Florida Mechanical Code" Rolando Soto from Broward County Board of Rules and Appeals
- **Dec. 7th** - Holiday Social at Batch Gastropub in Miami 7-10pm
- **Dec. 12th - The Future of Refrigerants, Joint Meeting with MCASF 12-2pm**
- **Jan. 9, morning** - Society President, Ginger Scoggins, Region XII DRC, Region XII YEA RVC - Round table at Miami-Dade Office of Resilience.
- **Jan. 9, noon-** Society President, Ginger Scoggins,P.E, CEM, CxA, FASHRAE, Decarbonization 101 and Presidential Theme.
- **Jan. 9, afternoon-** Society President, Ginger Scoggins,Ginger Scoggins, Region XII DRC, Region XII YEA RVC - Round table at FIU with student chapter
- **Feb. 12th** - YEA DL Social, Lincoln's Beard Brewing Co, Miami, FL
- **Feb. 13th, morning** - Intro to Chillers by Distinguished Lecturer Douglas Reindl, PH.D., P.E. to University of Miami Students
- **Feb. 13th** - ASHRAE Standard 15 - A Review and Update by Distinguished Lecturer Douglas Reindl, PH.D., P.E.
- **Mar. 12th** - Patricia Miami-Dade Office of Resilience (Women in Engineering)
- **April 2 - Marlins SA/YEA mixer, Marlins vs Angels**
- **April 9 - Grundfos/ICS distributed pump systems**
- **May 2 - Golf** - Miami Beach Golf Course
- **May 14 - Designing Operating Rooms for Reduced Risk of Internal Contamination Events**
- **Jun 11 - The Future of HVAC Systems - Increase DOAS Performance Through Liquid Subcooling**

Technical Meetings

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