



ASCE FLORIDA SECTION
Miami-Dade Branch

Quarterly Newsletter

4/5/2019

Volume 31, Number 3

<http://www.miamidade-asce.org>

CHECK OUT OUR NEW NEWSLETTER STYLE & MEET OUR NEW BOARD!

Edited by: Alessandra Monetti & Michelle Garcia

IN THIS ISSUE

President's Message

by Nelson Perez-Jacome



actively engage with the students from Florida International University and the University of Miami to provide career guidance and scholarships – which are made possible by our Annual Field Day Scholarship Fundraiser.

During the year, we will continue to build on the excellent work of the past. Monthly technical seminars, hosted by our institutes, will be the cornerstone of ASCE's programming and our unique sense of comradery will be bolstered by our quarterly Younger Member Group Socials.

We will strive to deliver excellence to our members by continuing the tradition of our most notable events – the Tri-County Workshop and the Annual Awards Dinner.

As a Civil Engineer and as an active member of the Miami-Dade Branch of ASCE, I consider this commitment to be more than a responsibility – it is an honor. Above all else, we are here to serve this community and our members with unparalleled service. I have no doubt that, with the help of the outstanding board this year, we will deliver on this promise. We are always dedicated to our members and any of you have questions, we ask that you contact us.

It is a privilege to serve as the president of the American Society of Civil Engineers Miami-Dade Branch (MDASCE). MDASCE has a proud history of working within the local community to foster the careers of civil engineers and serve the public.

Our branch is always working to enhance our profession. We believe this work extends to aspiring engineers, as well as the more seasoned professionals. As part of our on-going efforts, the branch participates in numerous outreach events to educate elementary, middle, and high school students, who are interested in careers as civil engineers. We also



MEET OUR NEW BOARD!

Check out the Board of Directors of 2018-2019 ASCE Miami-Dade Branch and the pictures of the Annual Awards & Installation Banquet. (Page 2)



OUR YMLS EXPERIENCE

Our new Communications Committees Chair, Michelle Garcia, writes about this year's YMLS experience. (Page 5)



Meet Our New Board!



President:
Nelson Perez-Jacome, P.E.



President-Elect:
Rey Villa, P.E.



Past President:
Yulet Miguel, P.E.



Vice President:
Carlos Tijerino



Secretary:
Evelyn Rodriguez, P.E.



Treasurer:
Jennifer Borges, P.E., PTOE

Annual Awards & Installation Banquet

On August 29th, 2018 our branch held the 42nd Annual Awards & Installation Banquet at the Rusty Pelican in Key Biscayne.

It was a wonderful night where we thanked our board and chairs for the efforts and accomplishments of the past year, scholarship recipients, life members, institute and committee chairs as well as the Board of Directors. We concluded the night with the official induction of the 2018-2019 Board of Directors, Committee and Institute Chairs.

We would also like to thank our sponsors and everyone who attended the event for helping us make it a success!

[Check out some of the pictures taken from the night. For more pictures, Like us on Facebook and Follow us on Instagram and LinkedIn! @miamidadeasce](#)



Meet the New Chairs!



Younger Members Group President – Erik Alcantara, E.I., ENV SP
Vice Treasurer – Miguel Lockward, E.I.
Vice Secretary – Daniel Lizarazo, P.E. ENV SP
Communications Chair – Michelle Garcia, E.I.
Webmaster – JP Gonzalez, E.I.
Membership Chair – Alessandra Monetti, E.I.
Outreach Chair – Melody Gonzalez
Continuing Education Chair – Paola Davalos, ENV SP
Student Member Chair – Francisco Avelar, E.I.
Governing Documents – Chris Zavatsky, P.E.
History & Heritage Chair – Katheline Tabuteau, E.I.
Government Relations Committee Chair – Gus A. Silva
Coasts, Oceans, Ports and Rivers Institute Chair – Leonard Barrera, E.I.
Environmental Water Resources Institute Chair – Margarita Kruff
Utility Engineering & Surveying Institute Chair – Reinaldo Villa, P.E.
Transportation & Development Institute Chair – Oscar Sosa
Structural Engineering Institute Chair – Alfredo Ignacio Falcon
Geotechnical Institute Chair – Melissa De La Rosa, E.I.
Construction Institute Chair – Daniel Giraldo, E.I.



THIS YEAR'S ATTENDEES



Michelle Garcia, E.I., A.M.ASCE

Question: Was this your first time attending YMLS? How would you rate the overall experience?

Answer: This was my first time attending an ASCE workshop outside of Miami as professional. Overall it was a rewarding experience and I can't wait to utilize what I learned.



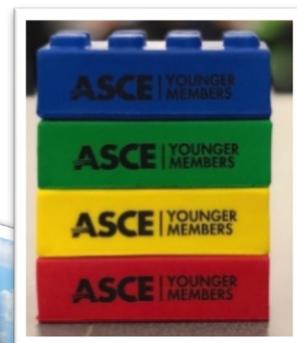
Daniel Giraldo, E.I., A.M.ASCE



Jael Zambrano, E.I., A.M. ASCE



Carlos Formoso, E.I., A.M.ASCE



Our YMLS Experience

by Michelle Garcia, E.I., A.M.ASCE

For the past few summers, the ASCE Committee on Younger Members (CYM), has hosted a two to three-day leadership workshop known as the Younger Member Leadership Symposium (YMLS) in Washington, D.C. Last year our current Younger Members Group's (YMG) President, Erik Alcantara, attended the conference, returned with positive reviews, and encouraged his peers to attend the conference. This included, Daniel Giraldo, Jael Zambrano, Carlos Formoso, and me.

Excited by all the great reviews we heard from Erik, we registered for the conference and the pre-conference as well. The pre-conference consisted of a Friday touring Washington DC. This was a great way to socialize and network with other ASCE Younger Members from across the nation. About 50 of us had the opportunity of visiting the multiple monuments, the National Archives Museum, the U.S. Capitol Building, and the ASCE Government Relations Office. Once we were back from the tour, we checked-in and the official symposium presentations began.

For the next couple of days, we met at the ASCE Headquarters in Reston, Virginia and participated in the workshop that focused on early-career professional skills. We reflected on our personal vision, went through pointers on how to work in a multi-generational work place,

and broke down the 13 steps to maximize leadership in our professional and personal life.

Other presentations included, the ASCE President, Robin Kemper, who spoke on recovering from mistake and gave us a testimony of how she recovered from a past mistake. Also, a mentorship panel was set with professionals with different experience levels to respond to any questions we had. Lastly, we played a political capitol game with the ASCE Government Relations Staff to understand the process of helping a law get passed.

Aside from the presentations, there were many networking opportunities after the workshops that have left us with many connections and friends from around the country, that have the same interests and enjoying attending and participating in ASCE events.

All in all, YMLS was truly an exceptional experience. All the Miami-Dade attendees returned with a lot of motivation and eager to demonstrate, at their workplace and personal lives, what was learned through the workshops. I recommend every younger member to attend YMLS and develop skills that are useful for your professional and personal life.

SAVE THE DATE – MAY 2019

For more information for this year's events: <https://www.asce.org/event/2019/younger-member-leadership-symposium/>

Membership Spotlight - Erik Alcantara, E.I., ENV SP



In this special edition of Membership Spotlight, we want to highlight the new ASCE Miami-Dade Younger Members Group (YMG) President, Erik Alcantara. Erik is a young, committed, and highly involved Engineer. In just a short amount of time he has made numerous contributions to our branch and we are lucky to have him as this year's YMG President!

1. Tell us a little bit about yourself. Where did you attend school? What made you choose Civil Engineering as your major? Where do you work? What do you do in your current position?

I received my bachelor's degree in civil engineering from Instituto Tecnológico de Santo Domingo (INTEC), in 2014. Currently, I am pursuing a Master of Engineering in Civil Engineering from University of Florida. One of the key factors that inspired me to choose Civil Engineering was my father's mentorship. He owns A&A Construcciones, which is a construction company based in Santo Domingo, Dominican Republic. Since a very young age, I started to visit his construction projects. Back in high school, I really enjoyed shadowing him and wearing my construction PPE. While in college, I assisted him in the development of construction bids (when I was not busy studying for a bunch of exams). During weekends, we used to conduct site visits to inspect/assess construction progress. We built a variety of projects, i.e. residential & industrial buildings, boutique hotels, gas stations, etc. Sharing this bond with my father brought great joy/satisfaction and helped me ace my college classes. Field experience greatly aided my understanding of key engineering concepts.

In 2015, I moved to Miami to further advance my career and obtain the P.E. license. After accepting a position as Staff Engineer with Thompson & Associates, I transitioned from construction into the engineering design world. During this time, I learned/applied most of

the tools needed to design, permit, and inspect water distribution, sanitary sewer, and stormwater drainage systems. In 2016, I accepted the opportunity to join CES Consultants. After assisting our team prepare the winning bids/proposals for the West Avenue Phase II resiliency projects, I was promoted to Project Engineer. With a combined construction cost in excess of \$50M, these two Design-Build projects are integral in the City of Miami Beach's ongoing resiliency improvements to address sea level rise.

Currently, I work with a wide array of projects and clients. I am involved in the water distribution and stormwater drainage design for the West Avenue projects, coordinating directly with the contractor and City of Miami Beach. As part of WASD's Ocean Outfall Legislation Program, we recently completed the conceptual design of the Effluent Pump Station and RAS/WAS Pump Station for the future West District Wastewater Treatment Plant. We have other ongoing projects with WASD, specifically within the Pump Station Improvement Program. As part of the NYCDEP Wastewater Resiliency Plan, we are designing flood protection infrastructure to make the Owls Head Wastewater Treatment Plant more resilient against elevated sea levels and storm surge. Additionally, we recently opened a construction division and won our first contract.

2. What made you decide to join the American Society of Civil Engineers? Were you active when while studying at the university?

I decided to join ASCE, because I wanted to be involved with our community through the engineering profession. This was evident after I attended my first ASCE event: 2015 ASCE Broward Branch Awards Dinner. At this event, I was introduced to the board of directors. After expressing my desire to volunteer and learn, I was received with open arms by the group. I quickly understood that ASCE is a great forum to network, learn leadership skills, make new friends, and simply have fun with your peers. From the rest, the rest is history.

3. Do you have any advice for recent graduates starting their careers?

Get involved, never say no, and network like there is no tomorrow! Employers will not hire you based only on a resume. If you are interested in career opportunities, the secret is to interact and get to know people face-to-face. Attending professional networking events and being involved with your local ASCE chapter is paramount to your professional development. Finding the right mentor is not an easy task; I promise that it will be much easier if you join our Younger Members Group.

4. Do you have any special plans or goals as President of the YMG branch this year?

This will be an awesome year for our Younger Members Group! We "graduated" from the ASCE Miami-Dade Branch to create our own board of directors. I was inspired to take this step after attending the 2017 Younger Member Leadership Symposium (YMLS), which is hosted annually by the ASCE Committee on Younger Members. As part of this transition, you will start seeing more events geared towards the professional and personal development of our Younger Members. Our networking social events will also include technical discussions and leadership panels. The idea is to provide mentorship and guidance through our more seasoned engineers, in a casual and relaxed setting. Our vision is to entice Younger Members (especially recent graduates) to help them advance their careers and "raise the bar". Younger Members are the leaders of tomorrow; for this reason, we want to instill in them a teamwork-oriented attitude.

My plan is to grow/expand our member base and capture the attention of recent graduates. I want to involve our younger members in national ASCE activities, i.e. YMLS and Eastern Region Younger Member Council (ERYMC). With the knowledge gained at these conferences, we will continue to grow and hopefully become one of the strongest Younger Member Groups in the nation.

5. Life is not all work and no play. What do you do for fun? Tell us a personal secret so we can get to know you better!

I love playing soccer! I used to play in amateur leagues back in Dominican Republic. I play mainly as a striker or attacking midfielder. I would describe myself as a great passer/distributor and long-range sharp shooter. My favorite players of all-time are Ronaldinho, Andrea Pirlo, Zinedine Zidane, Kaká, and Leo Messi. I also love to travel and get to know new cultures. My favorite food is lasagna; now you know what to order for our next board meeting!

6. What is in your near future?

I plan to keep on learning/growing in my current position at CES Consultants; I am starting to get more responsibility and exposure to management. I am also learning and having a lot of fun in my new role as president of ASCE Miami-Dade YMG. I am blessed to have an all-star board, and I am excited to see what next year will bring.

I also am working on my Advanced Urban Stormwater Systems Design master’s degree class. Enrolling in the master’s degree will prove to be an invaluable decision, especially since I plan to take the P.E. exam in a year or so. I want to learn something new every day, enjoy life to the fullest, and inspire others to be the best they can be.

7. What is your fondest ASCE memory?

My fondest ASCE memory is attending YMLS at the National Headquarters in Reston, VA. We had an incredible pre-conference tour of Washington, D.C. and the ASCE Government Relations office. During our first day, we learned about communication styles and personal vision. There were young engineers from all over the world. What was most shocking about the experience was how different yet so similar we all were; we were facing very similar situations in the workplace. Personally, the most useful session was "Life as an Engineer: It’s a Balancing Act". During this session, we learned how to be more organized and reduce decision fatigue to a minimum. I look forward to sending more of our Miami-Dade younger members to experience this conference.

ASCE YMG - First Annual Leadership Event

“RAISING THE BAR”

ASCE Miami-Dade Younger Members Group held their **1st Annual Leadership Event: "Raising the Bar"** held at **Bulla Gastrobar Thursday, November 8th**. This marked the beginning of an exciting year for the Younger Members Group!

We had the pleasure of hosting two great individuals in the civil engineering industry as keynote speakers: **Rudy M. Ortiz, PE, CGC** and **Josenrique Cueto, PE, ENV SP, LEED GA**. They provided mentorship and guidance on successful professional growth and how they "raised the bar".

The new YMG board also took the opportunity to present themselves and speak about their goals for the group and future events to look out for.

It was a successful turn out with over 65 attendees! We are excited to see what’s more to come of our ASCE Miami-Dade YMG.

Stay updated and find out about our future events by liking us on Facebook and following us on Instagram and LinkedIn.





**STRUCTURAL
ENGINEERING
INSTITUTE**
**Miami-Dade
Chapter**



Structural Engineering Seminar at FIU

On Thursday, September 13, the SEI Miami-Dade Chapter, with the ASCE FIU Student Chapter, held a seminar on the **differences between Building, Forensic and Transportation Structures Engineering**. Alfredo Morales, MS., PE., (Stantec), Kristen Foreman MS., PE., (Biller Reinhart) and Luis Vargas PhD., PE., (Bolton, Perez & Associates) spoke to the FIU students, explaining what they do and what it means to be a structural engineer. The students asked questions and interacted with the engineers at the end.



SEI JOB BOARD

We bring you the SEI Miami Job Board ! The link between local talent and structural engineering companies! Find it in our website: <https://www.miamidade-asce.org/sei-job-board>

Company Name	Position title	Job Link (URL)	Level of Experience	Employment Type	Company Website
A&P Engineers	Bridge Engineer	https://www.apcte.com/bridge-engine	Senior Level	Full-Time	https://www.apcte.com
Bliss & Nyitray, Inc.	Structural Inspector	http://www.bniengineers.com/careers	Mid Level	Full-Time	http://www.BNIengineers.com
BCC Engineering	Ft. Lauderdale Senior Structural Engineer (Br	https://www.glassdoor.com/job-listing	Senior Level	Full-Time	http://bcceng.com/
BCC Engineering	Miami Structural Project Manager (Bldg)	https://www.glassdoor.com/job-listing	Mid Level	Full-Time	http://bcceng.com/
De Simone	Forensic Structural Engineer	http://www.de-simone.com/careers/c	Senior Level	Full-Time	http://www.de-simone.com/
De Simone	Project Engineer	http://www.de-simone.com/careers/c	Mid Level	Full-Time	http://www.de-simone.com/
De Simone	Senior Project Engineer	http://www.de-simone.com/careers/c	Mid Level	Full-Time	http://www.de-simone.com
De Simone	Structural Engineer	http://www.de-simone.com/careers/c	Entry Level	Full-Time	http://www.de-simone.com
Bliss & Nitray	Structural Intern	Resumes to p-zilio@bniengineers.co	Entry Level	Internship	www.bniengineers.com

Looking for talent? Post your structural engineering job on our website for free!

Add Your Positions Now



STRUCTURAL ENGINEERING INSTITUTE

SEI@miamidade-asce.org



Commencement of Professional Development Series: “Engineering by the Pros”

Panelists ranging from Roadway, Drainage, Structural and Geotech presented to our College Student Chapters to explain a little deeper what it really means to be a Civil Engineer.





**CONSTRUCTION
INSTITUTE**

**Miami-Dade
Chapter**

Construction Institute: PaveDrain Luncheon

On November 12, 2018, the Construction Institute of the ASCE Miami-Dade Branch hosted a technical luncheon on **PaveDrain** presented by Greg Strickland of Titan American at the 94th Aero Squadron.

The presentation focused on the local projects and applications of PaveDrain as well as the installation and maintenance procedures. More than 35 professional engineers attended this luncheon and received 1 PDH credit.

[Stay updated and find out about our future events by liking us on Facebook and following us on Instagram and LinkedIn.](#)





Project BUILD

“Designed to Survive: Engineering for Disasters”

On October 20th Past-President, Yulet Miguel, Outreach Chairs, Lakeevia Jackson and Melody Gonzalez and member, Edwin Ibarra, assisted the African American Research Library with the Project BUILD pre-college outreach series. This was the 2nd event of the series and the theme “Designed to Survive: Engineering for Disasters” had our little engineers in the making thinking outside the box. There were given basic supplies, wooden Popsicle sticks, tape, plastic straws and paper to design a house destined to survive a storm surge. After a brief YouTube video on Storm Surge, our little engineers were put to work. After their models were constructed, they were placed on the clay “mountain” and tested for storm surge resistance.

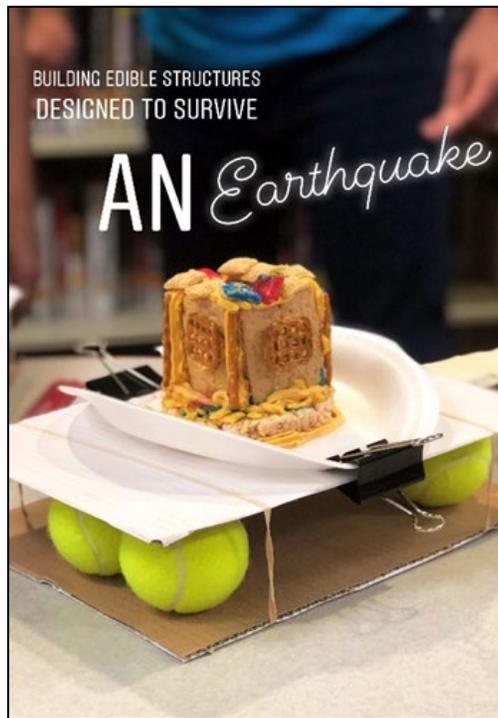
The second event of the session consisted of building an edible structure to withstand an EARTHQUAKEEEEE. The participants were given all edible materials, and although we insisted on not eating them, some materials were... lets say misplaced. Here are some photos of the edible buildings under a man made earthquake.

Photos can be found here [2018 ASCE Fall Pre-College Outreach](#)

Respectfully yours,

LaKeeVia Jackson & Melody Gonzalez

ASCE Miami-Dade Outreach Chair & Co-Chair





Geo-Institute “Soil Reports 101”

On October 4th, 2018, Geo-Institute presented a discussion with a panel of expert Geotechnical Engineers and Geotechnical Contractors on the fundamentals of reading a geotechnical report. The event was titled "Soil Reports 101" and featured discussions on information contained in geotechnical reports related to field exploration, laboratory testing, geology, shallow/deep foundations, ground improvement, site preparation, load testing, limitations, and more. This is a unique event where experts will be available to answer your questions about geotechnical reports, and offer insight into how to get more value out of your consultant. Our aim is to promote the geotechnical profession with a goal of coming together as a community of local professionals.

Expert Panel

- Cristina Gonzalez, PE** – Senior Principal / Senior Vice President of LANGAN
- Garfield Wray, PE** – Vice President of NV5
- Ramakumar Vedula, PE** – Principal of Tierra South Florida
- Carlos Mercado, PE** – Branch Manager of GFA International
- Andres Baquerizo, PE** – Vice President & Director of Engineering of HJ Foundation
- Nick Syriopoulos** – Business Development Manager of Hayward Baker



UTILITY ENGINEERING & SURVEYING INSTITUTE

Miami-Dade Chapter

On October 4th, 2018, UESI held their Inagural Annual Networking Social. UESI presented keynote speaker, Lynnette Ramirez, a Senior Advisor for Capital Project and Compliance for Miami-Dade Water and Sewer Department. Lynnette Ramirez spoke on the topic “MDWASD’s Consent Decree: Accomplishments, Challenges and What’s Next”.

Special thanks to our Sponsor!

UESI: Annual Networking Social



For sponsorship opportunities contact Ricardo Vieira | 786-457-7247 uesi@miamidade-asce.org

Student Corner: **FIU ASCE** AMERICAN SOCIETY OF CIVIL ENGINEERS

OVERVIEW: The FIU Civil Engineering students have demonstrated over and over their passion for ASCE by winning prizes and actively participating in ASCE events at all the level, Miami-Dade Branch, Florida Section, and National. The Student Chapter continues to grow: for every student that graduates and starts her career in the field, a new member joins us, from freshman to senior.

VALERIE COLOMA FLORIDA SECTION STUDENT OF THE YEAR

Vice President and former Fundraisers Director, Valerie Coloma has worked hard for her chapter, providing not only funds for various projects, but also professional expertise for the chapter, and job opportunities to her student community. The members and students follow her determination and energy as a model for reaching their goals.



4TH IN THE NATIONAL PCI BIG BEAM COMPETITION

**FABIO MASSIMO BALDINI
CHARMAINE EMANUELS
IVAN REYES, E.I.**

For the National Big Beam Competition from the Prestressed Concrete Institute, our members designed and cast a pre-stressed concrete beam that could withstand more than 39 KIPS!!



ANDREA CEDEÑO
← Awarded of the Deloitte Technology Challenge and the 2018 Southeastern Association of State Highway Transportation Official Scholarship..



MELODY GONZALEZ
← The former President of FIU-EWB Winner for the Past President Scholarship

ACTIVITY: THE FIU ASCE STUDENT CHAPTER HAS BEEN VERY ACTIVE SINCE THIS SUMMER WITH EVENTS, SEMINARS, AND FIELD TRIPS. THIS COULD HAVE NOT HAPPENED WITHOUT THE HELP OF THE PRACTITIONER ADVISORS REINALDO VILLA AND DANIEL GIRALDO, BUT ALSO OUR GOLD SPONSOR KEITH AND OUR BRONZE SPONSOR UNIVERSAL ENGINEERING SCIENCES.



SATURDAY, AUGUST 25TH 2018

THE CONFERENCE EXHIBITION

During the first week of Fall semester, the chapter hosted an event to showcase the past Regional ASCE Student Conference Competitions and the chapter's goals for this upcoming year to all its new members and sponsors. At the event, Faculty members, Miami-Dade Branch representatives, and companies participate in activities and learned about the FIU students involvement.



ASCE FLORIDA SECTION
MIAMI DADE BRANCH

Florida Engineering Society

PRESENT

ENGINEERING YOUR FUTURE & THE IMPORTANCE OF LINKEDIN!

Alberto Castro
Talent Engagement Manager
BCC Engineering

Join Miami's ASCE and FES branches and their student chapters, as they bring you BCC Engineering's Alberto Castro for a two-part professional development session and a resume workshop!

Engineering Your Future
Knowing What You Want, Resume Building, Job Hunting/Networking & Interviewing

The Importance of LinkedIn
The "Who, What, Where, Why & When"

Resume Workshop
Best Practices

September 17, 2018
@ 4:00pm - 4:45pm
UM College of Engineering
Room MEA 202
1251 Memorial Dr.
Coral Gables, FL 33146

September 18, 2018
@ 4:00pm - 4:45pm
FIU College of Engineering
Panther Pl. 10555 W Flagler St
Miami, FL 33174

← **Albert Castro** with BCC Eng. has teamed up with ASCE and FES for a series of **Professional Development Sessions**. Students will have the opportunity to learn and develop their professional skills in various workshops hosted at FIU and UM.

FIELD TRIP

UNIVERSAL ENGINEERING SCIENCES

I-395 Signature Bridge Site

September 26
Meet at EC 9 AM to carpool
Cost: \$5
Required attire:
Hard hat, vest, jeans, & boots

← Universal Engineering Sciences demonstrate how to drill a 100 to 200 ft boring during the Field Trip to the Pre-Construction Site of the **New Signature Bridge** and Double Decker Highway. This project soon will change the skyline of Miami.

Structural Engineering Institute presents:
Key Differences Between Building, Forensic and Bridge Structures

September 13
6:00 p.m.
EC 1107

Guest Speakers:
Luis M. Vargas, PhD, PE
Alfredo Morales, PE, MS
Kristen Foreman, PE, MS

Food will be provided

FIUASCE

← **Alfredo Falcon**, chair of SEI for the Miami Branch, hosted a seminar on the key differences between Building, Forensic, and Bridge Engineering. Guest speakers explained the differences between these 3 types of engineering and further detail of each role.

General Meeting

September 21
6:00 p.m.
EC 1112

Guest Speaker
Reinaldo Villa, MS, PE

UNIVERSAL ENGINEERING SCIENCES

← ASCE hosted its first General Meeting during fall semester. Guest speaker and President Elect for the Miami Branch, **Reinaldo Villa**, spoke about his experience in the industry and as a professional in ASCE. News and update were provided to the members.

ASCE FIELD DAY FUNDRAISER 2019

ASCE FLORIDA SECTION
Miami-Dade Branch

On February 23, the Younger Members Group hosted the 7th Annual Scholarship Fundraiser to raise funds for the local Student Chapters of FIU and UM. Every year we award a scholarship to one student from each school.

The event consists of a family day full of competitions between teams from various companies in the engineering and construction industries. Field Day includes classics such as

corn hole, horseshoe, and mini golf, but also features engineering themed competitions such as the water conservation race. Not only does Field Day offer fun for adults, but we also offer a kid's corner full of games where the younger kids can have fun.

This year's field day was our biggest field day yet with over 230 attendees. In addition to the high attendance, we also had the fortune of having 17 sponsors this year. The winner of the 2019 Field Day was Pevida Highway Design (PHD).



Student Corner:



Message from UM ASCE President, Mr. Austin King:

The Student Chapter of UM-ASCE started the school year with a freshly renovated office and ambition towards success. Although very small, UM is working to attract new student members and increase our outreach in the community. Our goal is to double our freshman and sophomore student members, place more juniors and seniors in internships, and collaborate with FIU – our neighbor – to unite the student participation of ASCE.

We began these recruiting efforts in August with Canesfest, an on-campus exhibition of student organizations. We added over 70 new email addresses to our email list with this event. Our first General Body meeting in August was attended by more than two dozen undergraduate students, the majority being in their first or second year. We aim to retain those students, by offering a diversity of activities, services, opportunities, and connections.

So far UM ASCE has participated and facilitated three joint events with FIU. Both schools hosted a lecture by Mr. Albert Castro, of BCC Engineering, who leads the Engineer Development Series. The goal of these series is to prepare an engineering student in the fine art of crafting a resume, working towards their goals, and performing well in a job interview. While FIU has shown great attendance at these events, this is one area of improvement sorely needed for UM. We are having difficulties attracting UM students to off-campus events, particularly those students who do not have their own mode of transportation. I also suspect that academic obligations take priority over these events for many UM students. In this light, UM will consider hosting events that are local to UM campus and take place during times that would not interfere with exams or other deadlines.

Our chapter has shown great improvement in our concrete canoe project for student conference. In the previous academic year, our canoe team was incredibly small, with little to no experience, and was held to a very tight budget. This year, our team is several times larger, with more participation and experience helping our canoe captains, and our budget is very strong. In addition to our canoe, our student tutoring has helped almost a dozen freshman and sophomore students. The tutoring helps our chapter attract and retain members, and helps the College of Engineering retain bright students. As of yet, we have not placed any students into an internship, but we are continuously seeking students willing to work and study.

Going forward into this quarter, UM-ASCE will hold more general meetings, tutor more students, and continue to build our organization into a worthy representative of the American Society of Civil Engineers.

Sincerely,

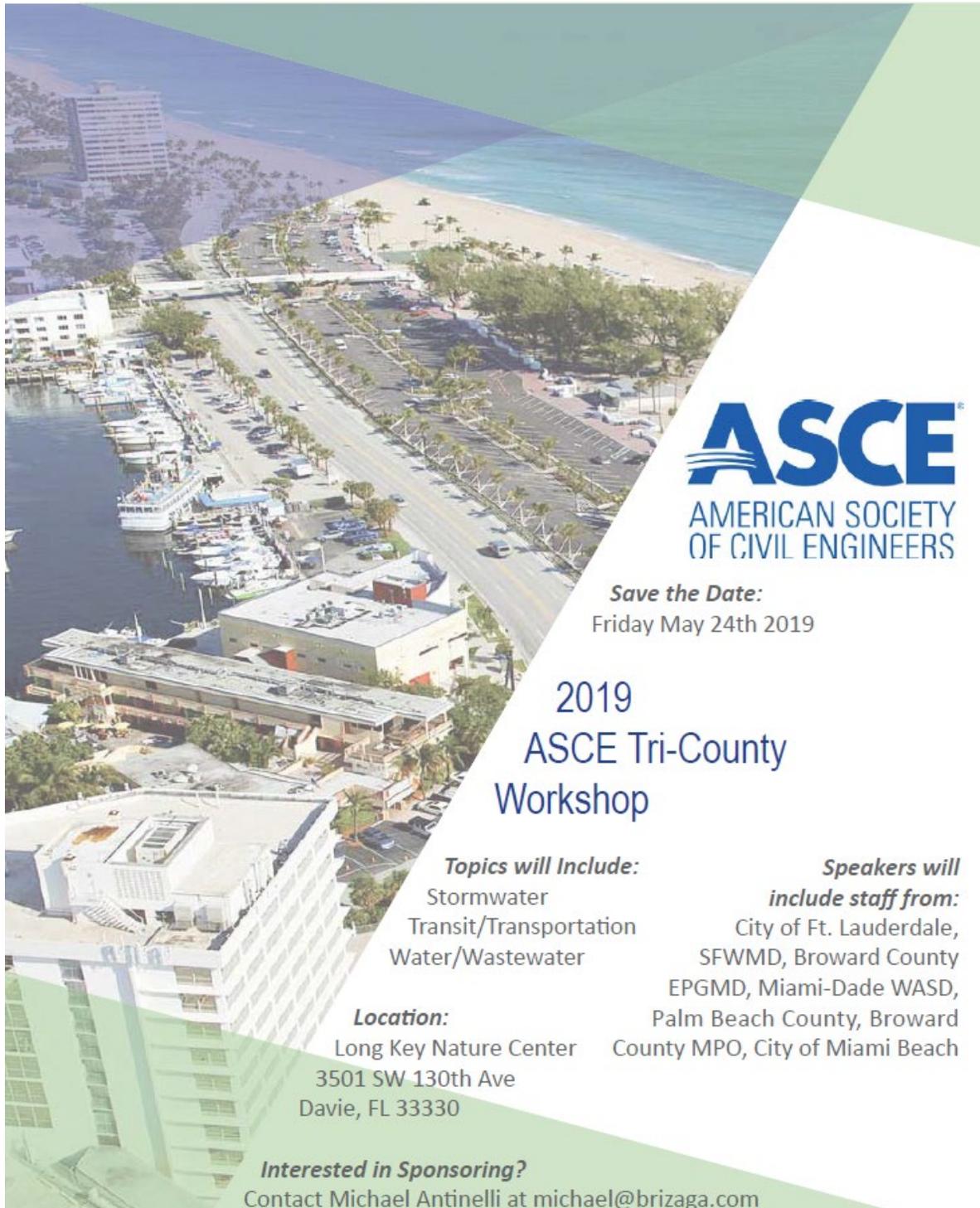
Austin King, President

UPCOMING NEWS!

Interested in being part of the Board of Directors ASCE? Apply to one of our 2019-2020 Committee Chair positions!

Interested in nominating someone or a project for this year's Awards Ceremony? Enter your nominations ASAP!

UPCOMING EVENT!



ASCE
AMERICAN SOCIETY
OF CIVIL ENGINEERS

Save the Date:
Friday May 24th 2019

**2019
ASCE Tri-County
Workshop**

Topics will Include:
Stormwater
Transit/Transportation
Water/Wastewater

Speakers will include staff from:
City of Ft. Lauderdale,
SFWMD, Broward County
EPGMD, Miami-Dade WASD,
Palm Beach County, Broward
County MPO, City of Miami Beach

Location:
Long Key Nature Center
3501 SW 130th Ave
Davie, FL 33330

Interested in Sponsoring?
Contact Michael Antinelli at michael@brizaga.com