



*Branch President Alexander Moncaleano*

*Branch Secretary Trillian Baldassari*

*Section Vice President Sarah Martin*

## **East Central Branch Quarterly Report**

Events that were held in the past quarter – including speakers, sponsors and community service

- Annual Officer Installation Luncheon Friday, October 3, 2014 This year we have the pleasure of hosting Donald C. Robinson, President and Chief Operating Officer, of All Aboard Florida. Sponsored by HNTB, Geosyntec and Cardno.
- ASCE/FSMS Camping Adventure September 26 until 28 , 2015 sponsored by ASCE/FSMS
- UCF Student Chapter Habitat for Humanity Build (20 People) Sat, September 27
- ASCE-YMF Professional Development Workshop: Professional Networking Friday September 26, 2014 2-hour workshop on "Professional Networking" by award-winning marketing instructor Cyndi Gundy
- 2014 ASCE East Central Branch Annual Golf Tournament Friday, September 12, 2014 sponsored by JON M HALL, ARDAMAN, CW, Schnabel, TRI Civil engineers, RK&K, Elipsis, AMEC, VHB, RE Engineering, CORESLAB STRUCTURES, EWRI, SEI and the EMC.
- UCF Student Chapter Fall BBQ Sun, September 21
- EWRI Luncheon - Thursday September 25, 2014. NPDES Permit and Asset Management Utilizing VUEWorks Software - A Case Study of Reedy Creek Improvement District's Planning and Engineering Department
- East Central Branch of the Florida Section American Society of Civil Engineers 2015 BRANCH OFFICER ELECTIONS.
- UCF Student Chapter Transfer Orientation Fri, August 15
- UCF Student Chapter Ice Cream Social Wed, August 13
- Train the Trainer (T3) - Solar Power Bridge, Thursday September 4, 2014 by ASCE Education Committee, sponsored by CDM Smith
- 2014 ASCE East Central Branch Civil PE Exam Review Course. From our YMF committee, starting on 8/13/2014 until 9/30/2014. Sponsored by DRMP
- UCF Student Chapter ASCE Lake Claire BBQ Sat, June 28, 2014.
- 7th Annual ASCE Icebreaker Thursday July 24, 2014 SPONSORED BY HORIZON Engineering, WGI, Civil Site Engineering Inc, Balmoral Group, ARCADIS, De Loach Engineering, Ardaman, URS, LOCHTANE, ADS, Southeastern Surveying, GO IMAGE, TRIANGLE and SunState Aviation.
- Notice of Update Forum MBE/DBE/WBE/VOSB/SDVOSB U.S. Congresswoman Corrine Brown and All Aboard Florida (AAF) Friday, June 13, 2014 sponsored by T&DI Transportation and Development Institute

- June 2014 EWRI Luncheon Thursday June 19, 2014 1-hour technical luncheon on "AFIRST = Altamonte - FDOT Integrated Reuse & Stormwater Treatment."

### **Recognition to be given to local Branch/student chapter members in the past quarter**

#### **Engineer's Week Awards**

- The last ASCE Southeast Student Conference was held at the University of South Florida. UCF-ASCE Student Chapter placed 2nd overall at the conference out of the 24-participating universities. This is UCF's best ever performance in the Conference. UCF's steel bridge team qualified to compete at the ASCE-AISC National Student Steel Bridge Competition, which will be held at the University of Akron in Ohio. Congratulations to UCF's Faculty Advisor, Dr. Amir Behzadan who will be receiving this year's ASCE-Region 5 Faculty Advisor Award at the Annual Conference in Miami.
- Lifetime Achievement
  - Mr. Thomas G. Lochrane, P.E., has led Lochrane Engineering, Inc., a civil engineering and surveying firm, through 34 years working on land development and transportation projects throughout Central Florida.
  - Mr. Richard Bunce, a Principal Engineer for Siemens Energy, Inc., is a tireless advocate and champion for the turbine industry and engineering in general through his efforts with the American Society of Mechanical Engineers.
  - Mr. Brian Wheeler is a founding member and current Director of the Toho Water Authority. In this position he has worked in strategic development and responsible use of water resources in Central Florida.
- Leadership Excellence - Dr. Prasad Chittaluru is the Principal and founder of EPIC Engineering & Consulting Group. His interests are in the application of innovative technologies and process optimization best practices to infrastructure engineering and planning projects.
- Emerging Leader - Mr. Vinod Philip, CEO of Siemens Generators Business Segment, is an Emerging Leader within the global engineering community. With only fifteen years in the turbine industry, he is already a trusted source of turbine expertise to international utilities, corporations and governments.
- Technical Excellence - Academia - Dr. Ali Gordon, Professor in the Mechanical, Materials, and Aerospace Engineering Department at the University of Central Florida, is widely revered for his research in material testing and integrity for a number of industries.
- Technical Excellence - Industry - Ms. Tina Haley is a Senior Engineer for Walt Disney World's Design and Engineering, Scientific Systems. She earned both a BS and a MS in Electrical Engineering from the University of Central Florida. Ms. Haley is active in the Society of Women Engineers and received the 2010 Society of Women Engineers' Distinguished New Engineer

Award, the 2008 Central Florida Engineers' Week Young Engineer of the Year Award, and the 2005 Woman of Distinction Award.

- Young Engineer - Ms. Snehal Ambare is a Senior Structural Engineer with HNTB Corp., presently working at the Florida's Turnpike Enterprise as a General Engineering Consultant. She is responsible for technical overviews of design plans, focusing on Structural Design. She received her BE from University of Pune (2001) and her MS from FSU in Civil Engineering (2005). She is member of ASCE and ASEI and actively participates in various activities like Engineer for a Day, Mathcounts to promote the engineering profession in the children and volunteers her free time for mentoring, food collection drives, raising cancer awareness etc.
- Outstanding Organization of the Year - Public Sector - The Florida Department of Transportation (FDOT) - District 5 represents nine counties in the Central Florida area. FDOT's mission is to provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity and preserves the quality of our environment and communities. With three major projects (SunRail, Wekiva Parkway, and I-4 Ultimate) underway, District 5 is leading the state in transportation development, listening to and meeting the transportation needs in Central Florida.
- Outstanding Small Organization of the Year - Private Sector - GMB Engineers & Planners, Inc. (GMB) is a transportation engineering firm that develops practical solutions for transportation planning, traffic operations, and engineering principles. Established in 1999, GMB is one of the leaders in transportation consulting within its service areas.
- Outstanding Large Organization of the Year - Private Sector - The Siemens Energy, Inc. is one of the US leading suppliers of a wide range of products, solutions, and services in the field of energy technology. From the world's most advanced gas turbine-generator to pioneering clean coal technology used for generating power, we help our customers reach higher levels of energy efficiency, cost effectiveness and environmental performance.
- Outstanding Engineering Project of the Year - The Cypress Lake Transmission Project is a conceptual design for transmission and optimization of the Cypress Lake supply water with existing potable water sources, to facilitate the efficient and cost-effective transfer and transmission of potable water among the Water Cooperative of Central Florida members, to develop a cost effective and reliable strategy to "wheel" existing water supplies between the utilities, and to transmit and integrate Cypress Lake supply water into the Utilities' potable water distribution systems.
- Community Leadership Award - The Community Leadership Award is awarded to an Individual whose leadership has positively impacted not only the engineering field but also our community as a whole. To win this award we require a unanimous consensus of the entire E-Week Committee. This year's Community Leadership Award, by unanimous decision, was presented to Ajit Lalchandani, P.E., County Administrator for Orange County Government.

- Science Olympiad Winner - Cypress Creek High School Science Olympiad was presented with \$1,000 donation. Cypress Creek has a team built for Science Olympiad which is the premiere science competition in the nation. Science Olympiad provides rigorous, standards-based challenges to 6,800 teams in 50 states. Science Olympiad is a very competitive experience in which students can showcase their science and engineering prowess. In the Engineering category students need to build items like bottle rockets, helicopters and compound machines; the students also need to use the engineering and science skills they learned to solve problems and interpret data.

### **What is being planned for the next quarter**

East Central Branch is a very busy Branch, with 5 Institutes, 5 committees and 4 student chapters we provide engineers with a great variety of activities and events enough to keep you and us busy all year long with activities like the Ice Breaker, The central Florida Field Trip, the annual EWRI water conference and our annual golf tournament that is the base for us to provide scholarships, the many luncheons and special activities of our institutes and committees and the social events like the recent Camp La – no –che that invite us to share with other societies like the Florida Surveying and Mapping Society FSMS.

- Teach-In from the Education Committee at Seminole County November 18th and Orange County November 19th. You can Contact Mike Olka with any questions
- Excite K-12 students through Science, Technology Engineering and Math (STEM) in Central Florida. STEM in the Classroom every other Friday from September 2014 – June 2015. Chickasaw Elementary School, Wednesday, November 19, 2014.
- ANNUAL TRANSPORTATION CIP LUNCHEON FDOT D5, FLORIDA'S TURNPIKE, ORANGE COUNTY, SEMINOLE COUNTY, 2014 Transportation Capital Improvements Program Thursday, October 23, 2014 Double Tree Orlando Downtown 60 South Ivanhoe Boulevard Orlando, FL 32804 sponsored by ASCE ECB, American Society of Highway Engineers and FES.

### **Issues/concerns/comments**

This year is to work in the creation of a committee that will work directly on providing scholarships to our civil engineering students and provide awards and recognize all of their efforts