



PRESIDENT'S MESSAGE

David P. Andre, P.E.

In my youth, my mom and dad, like many parents, had a tendency to keep the miscellaneous ribbons, certificates, trophies, etc. that I had been awarded through various scholastic and athletic activities. They wouldn't display them in areas where visitors would see them; rather, they would keep them in their bedroom along side those awarded to my brothers and sister as more of a personal reminder. As an adolescent, just seeing these signs of accomplishments would give me a sense of pride. As an adult, the awards are fewer and fewer. The signs of personal accomplishment are still evident, but in a different fashion.

I can not speak for all engineers, but when projects that I have had some level of engineering involvement with are successfully completed, and a positive impact on society is the end result, the weariness I once felt from the long hours is replaced by a sense of accomplishment. Even though my staff's contributions are usually associated with the "non-glamorous" aspects of the project, such as foundation design and soil and concrete testing, I realize that my services were necessary for the completion of the project, as well as for its continued success decades down the road.

Design engineers should have similar feelings when the fruits of their labors (which frequently go on for years) are transformed from a cadd rendition to actual concrete and steel. Wastewater treatment plants, subdivisions, power generating facilities, bridges, roadways and such typify us at our best. And, let's not forget those projects that require "on the fly" engineering, such as those that were created from the recent hurricanes. All of the engineers, representing both the public and private sector, that have worked countless hours on MacArthur Boulevard, Indian River Drive, Jensen Beach Causeway Bridge, and others should be commended for re-establishing the public's way of life within seemingly unbelievable schedules. I don't have to remind you that our efforts frequently go unnoticed by the public. But, like the trophies in our parents' bedroom, the symbols of our hard work are evident everywhere.

Calendar of Events for Upcoming Months



February 25	Treasure Coast Chapter E-Week Banquet
February 28	PE LICENSES EXPIRE **DON'T FORGET TO RENEW YOUR LICENSE**
March 10-11	State MathCounts Competition (Orlando)
March 17	FICE/FDOT Drainage Standards Indexes Seminar (Tallahassee)
April 6-7	2005 FES/FICE Legislative Forum (Tallahassee)
April 18-19	FICE/FDOT Pond Design (St. Augustine)
May 19	Project Lead-the-Way Presentations and Evaluations, Lincoln Park Academy
June 25	19 th Annual Treasure Coast Chapter Golf Tournament
July 13-14	FICE/FDOT Project Management Conference (Orlando)



ENGINEERS WEEK®

FEBRUARY 20-26, 2005

February Meeting at a Glance...

What: E-Week Dinner and Awards Banquet

Where: Ballantrae Golf and Yacht Club

When: February 25th
Cocktail Hour 6:00 pm
Buffet Dinner 7:00 pm

Dress: Business-Formal Attire

Cost: \$40.00/person

RSVP: David Andre at dandre@ardaman.com
or 772-878-0072 (Please call David to
verify last minute sign-ups)

FEBRUARY MEETING SUMMARY

This year's E-Week celebration will include our annual E-Week Dinner and Awards Banquet with guest speaker Lucille Murtough.

Ms. Murtough is a local historian with special interest in Native American Indians who used to occupy the Treasure Coast Area.

Awards will be given out at this year's banquet for:
Treasure Coast Chapter Young Engineer of the Year
Treasure Coast Chapter Engineer of the Year

The E-Week Banquet will be held on Friday, February 25th at Ballantrae Golf and Yacht Club beginning with a 6:00 pm cocktail hour and 7:00 pm buffet dinner. Dress is business formal. The cost is \$40/person. Please RSVP to David Andre at dandre@ardaman.com or by calling (772) 878-0072.

National Engineers Week was founded in 1951 by the National Society of Professional Engineers. It is always celebrated at the time of George Washington's birthday. Our nation's first President was a military engineer and land surveyor.

Since 1951, beginning with President Truman, U.S. Presidents have sent special messages of appreciation to the engineering profession in recognition of the week.

At its beginning, National Engineers Week included a few scattered government proclamations, dinners, and speeches. It has since grown to involve tens of thousands of engineers in a variety of community outreach activities, such as technology and education exhibits at shopping malls, to presentations of student scholarships.

Currently there are hundreds of engineering societies, corporations and businesses, government agencies, and universities nationwide that participate.

Engineer's Week is dedicated to raising public awareness of engineers' positive contributions to the quality of life. It promotes recognition among parents, teachers and students of the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. For more information go on National Engineers Week go to www.eweek.org.



MATHCOUNTS

The Treasure Coast Chapter MathCounts competition was held on Saturday, February 19, 2005 at the Indian River Community College campus in Fort Pierce. The competition was a great success, with 41 students participating in team and individual competitions from the following six schools: Hidden Oaks Middle School, Indian River Homeschoolers Association, Lake Placid Christian School, Lincoln Park Academy, Northport Middle School, and St. Lucie West Middle School.

This year's winners were:

1st Place Team Competition - Hidden Oaks Middle School

2nd Place Team Competition - Lincoln Park Academy

1st Place Individual – Andrew Gorodetsky (Hidden Oaks Middle School)

2nd Place Individual – Matt Gilbert (Hidden Oaks Middle School)

3rd Place Individual – Brian Benner (Lincoln Park Academy)

4th Place Individual – Paula Cohen (Lincoln Park Academy)

The above listed teams and individuals will be competing in the State MathCounts Competition in Orlando on March 10-11. If you are interested in volunteering for the State MathCounts Competition, please contact Allen Bottorff at Allen-B@lbfh.com or Jesse Markle at Jesse-M@lbfh.com.

THANK YOU TO OUR VOLUNTEERS!

MathCounts Chair Persons: **ALLEN BOTTORFF, P.E.** and **JESSE MARKLE, P.E.** of LBFH, Inc.

2005 MathCounts Emcee: **David Andre, P.E.**

Head Scorer: **John Donahue, P.E.**

FES volunteers: Teri Andre, Barrington Brown, Derrick Chapman, Andy Clark, Will Cornelius, Joe DeFronzo, Bruce Doll, John Donahue, Steven Doyle, Jeff McGee, Kari Miller, Jennifer Porter, Tracy Robb, Curtis Robinson, Chad Rucks, Linda Rucks, Laney Southerly, and Eva Velez

FFEA (Florida Future Educators Association) Volunteers: Molly Bottorff, Nicole Kamphuis, and Ryan Kamphuis

THANK YOU TO OUR SPONSORS!

Founding Sponsors: CNA Foundation, National Society of Professional Engineers and the National Council of Teachers' of Mathematics.

National Sponsors: The Dow Chemical Company Foundation, General Motors Foundation, Lockheed Martin Corporation, Conco Phillips; Instruments Incorporated, 3M Foundation, and the National Aeronautics and Space Administration.

State Sponsors: Peoples First Community Bank; Publix Super Market Charities; TECO Energy Foundation; Gulf Power Foundation, Inc; Suncoast Insurance Associates, Inc.

Sponsors from 2004 Golf Tournament: American Concrete Industries, Ardaman & Associates, Inc., Barney's Pumps, Calvin, Giordano & Associates, Captec Engineering, Inc., Core Communities, Culpepper & Terpening, Inc., Dunkelberger Engineering & Testing, Inc., Eagle Marsh Golf Club, Engineering & Water Resources, Felix Associates, LLC, Golf USA, Hammock Creek Golf Club, Jenkins & Charland, Inc., Johnson-Davis, Inc., Jupiter Labs, LBFH, Inc., Miller Sellen Conner & Walsh, Inc., PGA Golf Club, Rudd Jones, P.E. & Associates, P.A., St. James Golf Club, and Tropicana.

Membership News

Membership... Pass it on.

Share the enjoyment and reward of FES Membership with others today. As we approach the mid year point, dues are reduced 50%. This discount is a nice introductory rate for new members to experience networking potential, legislative representation, leadership opportunities, and much more. Applications are available at www.fleng.org or contact Janice Faulk, Member Services Manager at 850-224-7121.

FES SOCIETY NEWS

Professional Recognition through FES Awards Program

Each year members have the opportunity to recognize their peers through the FES Awards program. Recognition begins at the chapter level and continues on through NSPE.

FES Awards include:

- Young Engineer of the Year
- Engineer of the Year
- Outstanding Service to the Engineering Profession
- Outstanding Technical Achievement
- Fellow Member
- FEPG Government Engineer of the Year
- FPEG Professional Development Award
- FPEI Industry Engineer of the Year
- FECON Professional Development Award
- FICE Professional Development Award.

Applications and additional information are available at www.fleng.org, or contact Kate Robinson, Director of Member Services at 850-224-7121 or krobinson@fleng.org.

Retired, Respect and Life Members. We need your support!

In November 2004, the FES Board of Directors approved the Operating Rules and Procedures of the Florida Professional Engineers Retired (FPER) Practice Section. In order to proceed forward the Practice Section needs to establish their membership list, elect their officers, and hold their first meeting. If you are interested in participating in FPER, a Life, Respect, or Retired member, or just someone who wishes to promote FPER's objectives, please contact headquarters today at 850-224-7121. Show your support and sign up today.

2005 Annual FES/FICE Legislative Forum

Enjoy beautiful Tallahassee in the spring. Join your fellow members for the 2005 FICE/FES Legislative Forum, April 6 & 7th. This event offers a unique opportunity to build relationships with Legislators and educate them on issues important to Professional Engineers. During this forum, you will have the chance to visit the Capitol and meet with your Florida Representatives and Senators. These visits will help gain political allies who will produce legislative results for engineers statewide.

Register today at www.fleng.org. Please contact Samantha Hobbs at 850-224-7121 or shobbs@fleng.org for additional information or questions.

FES Announces Plans for 2005 Leadership Conference

The FES Leadership Advisory Committee, chaired by Jay Nagle, PE, PBS&J, announces it will hold the FES Leadership Conference at the PGA National Resort in Palm Beach, June 17-18, 2005.

More information will be available in the next several months. In the meantime, please mark your calendars and plan to attend! For more information about this or other FES events, please contact Dee Kring, Director of Member Events at 850/224-7121 or dkring@fleng.org.

CONTINUING EDUCATION NEWS

PE LICENSES EXPIRE ON FEBRUARY 28, 2005

Drainage Standard Indexes Course
Thursday, March 17, 2005
Tallahassee, Florida

FICE/FDOT is pleased to provide the Drainage Standard Indexes Course in Tallahassee, FL. This basic level course will familiarize the drainage and roadway design engineers with the use of the Florida Department of Transportation Drainage Standards Indexes. Information is also included for geotextiles, pipe, underdrains, and other miscellaneous drainage features. Participants earn 6 PDHs for this course.

For more information or to register visit www.fleng.org.

Cost:
FES/FICE Members-FDOT Employees \$350.00
Non-Members/non-FDOT Employees \$450.00

The Florida Engineering Society's On-Line Laws and Rules Course

This course can be accessed at:
http://www.fleng.org/tests.cfm?c_id=1

This course covers Chapter 471, Florida State Statutes (Engineers Registration Law), and Chapter 61G15, Florida Administrative Code (Rules of the Florida Board of Professional Engineers). By completing this course, you will meet your licensure renewal requirement of four Professional Development Hours in the Laws and Rules.

It is estimated that an individual will spend approximately three hours reading and reviewing the Laws and Rules in preparation for the test and one hour completing the test. Total course time: four hours. Participants earn 4 PDHs for this course.

Cost:
FES Members \$99
Non Members \$149

FICE/FDOT Pond Design
April 18-19, 2005
St. Augustine

Participants in this two-day course will design a stormwater facility using basic spreadsheet routines. Course content will include an overview of regulatory requirements and a discussion of water quality methods with emphasis on wet detention. Rainfall, design storms, and the NRCS curve number runoff method will be discussed. Participants earn 15 PDHs for this course.

The course will also cover the storage indication method which will be used for pond routing. FDOT staff from a nearby District will make one or more presentations about stormwater management facilities during the class. Participants will need to bring a laptop and calculator in order to participate fully in this course.

Additional and on-line information is available at www.fleng.org.

Cost:
FES/FICE Members-FDOT Employees \$525.00
Non Members/non-FDOT Employees \$625.00

PDH Certificates available On-Line!

PDH Certificates from FES Courses are now available on-line. FES members need to simply log onto the FES Web site (www.fleng.org) and download PDH certificates from FES/FICE events attended. The 'Customer Number' is your FES member number and the 'Password' is your last name. Please contact FES Headquarters with any questions, problems, or if you have forgotten your FES number, 800-277-0086.

FES COMMITTEE OPPORTUNITIES

WE STILL NEED VOLUNTEERS for many State Committees. Below is a list of the committees that are available, with a brief explanation of the duties. For further details on a specific committee, please see the Florida Engineering Society website. If you are interested in volunteering for any of these committees, please contact David Andre at 772-878-0072 or dandre@ardaman.com.

Energy Committee

Study and make recommendations to the Commission on Legislative and Government Relations of the Florida Engineering Society with respect to energy matters affecting the public and the profession. Prepare studies and make recommendations to the Commission on energy policies or positions that would be appropriate for the Society to adopt and promote. Monitor the activities of the Public Service Commission and other state agencies or legislative groups with an energy interest to insure that sound engineering knowledge and practice are employed in protecting the public's interest and in making regulations that will impact on the public. Coordinate with the National Society of Professional Engineers in its energy-related activities and represent the Florida viewpoint in their deliberations when appropriate.

Communications Advisory Committee

The objectives of this committee shall be to focus on opportunities for FES to improve its internal and external public relations efforts through effective use of communications. Review past and current issues of the JOURNAL of the Florida Engineering Society. Provide comments and suggestions on past and current issues. Recommend topics of interest. Write occasional articles in their areas of interest.

Charter and Bylaws Committee

Maintain a continuing study of the Society's Charter and Bylaws and make recommendations to the Board for revisions. Review proposed amendments to the Charter and Bylaws and make recommendations to the Board on the manner in which they shall be incorporated in the wordage of the Charter and Bylaws. Serve in an advisory capacity in interpreting the provisions of the Charter and Bylaws. Review and make recommendations to the Board on all new Chapter Charters and Bylaws and all proposed amendments thereto. Review and make recommendations to the Board with respect to the maintenance of a model Chapter Charter and Bylaws.

Constructed Environment Committee

Study and make recommendations to the Board with respect to matters relating to the constructed environment. In that regard, the committee shall prepare studies and make recommendations to the commission on legislation, administrative rules, or governmental policies on matters relating to the constructed environment that would be appropriate for the Society to adopt and promote. The committee shall establish liaison with the Florida Association of the American Institute of Architects, the Florida Home Builders Association, and other such professional societies, trade associations, or technical societies on issues of common interest. The committee may sponsor educational workshops or seminars for members of the Society, the profession, and the industry to discuss and develop laws, regulations, and procedures which will protect the public interest and allow maximum professional creativity.

Annual Meeting Steering Committee

Review hotel proposals for the annual meeting and recommend a site to the Board of Directors. Approve a theme which is topical and of interest to the entire profession, and which shall convey the major emphasis of the meeting to the membership and the public. Approve a meeting budget. Approve the program format and advise staff on potential speakers.

Commission on Legislative & Government

The purpose of the commission is to provide the Florida Engineering Society with maximum participation in and proper coordination of its legislative and government relations program. Responsibilities of the commission include periodic review of the efforts of the committees within the Division of Public Affairs and the development of recommendations to the FES Board as to proposed positions on legislative and government relations issues and priorities for accomplishment.

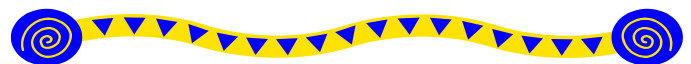


Treasure Coast Chapter Website

<http://old.fleng.org/treasurecoast/index.htm>

Our Chapter's Webmaster is Jeremy McBryan, P.E. with PBS&J in West Palm Beach. His help is greatly appreciated. Thank you, Jeremy! Please email any website suggestions to Teri Andre at teri.andre@mscwinc.com.

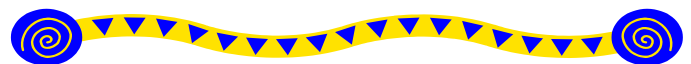
For Members Only - If you would like a link to your company's web page added to our web site, please e-mail Teri Andre at teri.andre@mscwinc.com or call (772)219-4003.



Quote of the Month

When you know a thing, to hold that you know it; and when you do not know a thing, to allow that you do not know it - this is knowledge.

Confucius (551 BC - 479 BC), *The Confucian Analects*





CLASSIFIEDS



CIVIL ENGINEER

Great Salary, Great Benefits and Endless opportunities await you, in one of the fastest growing communities in Florida. Port St. Lucie is looking for a Civil Engineer for our Utilities department. This is an advanced professional engineering position with a variety of complex Utility duties. Graduation from an accredited four-year college or university with a Bachelor's Degree in Civil Engineering, and five (5) years experience in management and civil engineering is required along with registration as a Professional Engineer in Florida. Starting Salary \$50K-\$62K D.O.Q.

Engineering Intern

Graduation from an accredited four-year college or university with a Bachelor's Degree in Environmental or Civil Engineering. Registration as an Engineering Intern in Florida – preferred. Starting Salary \$40K-\$50K D.O.Q.

For more information and a downloadable application visit our website at www.cityofpsl.com. EEO, DFWP.

Did you know that the Treasure Coast Chapter will publish POSITIONS WANTED and HELP WANTED notices for its members at no cost?! Please email your advertisements to Teri Andre at teri.andre@mscwinc.com.

(Sorry, but this offer does not apply to employment agencies working for a fee.)

Questions or Comments?



If you have any questions/comments, or if you would like something included in the monthly publication - please feel free to contact Teri Andre, P.E. at teri.andre@mscwinc.com, or by telephone at (772) 219-4003.

2004 - 2005 Treasure Coast Chapter Board Members

- David Andre, P.E., President (772) 878-0072 dandre@ardaman.com
- Teri Andre, P.E., Vice President (772) 219-4003 teri.andre@mscwinc.com
- Chad Rucks, E.I., Treasurer (863) 763-8999 chad-r@lbfh.com
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- John Donahue, P.E., State Director (772) 461-2450 john-d@lbfh.com
- Lisa Wichser, P.E., Regional Vice President (772) 288-5927 lwichser@martin.fl.us
- Melissa Corbett, P.E., Past-President (772) 781-6408 melissac@ewr1



TREASURE COAST CHAPTER
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FLORIDA ENGINEERING SOCIETY
Affiliated with



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