



## PRESIDENT'S MESSAGE

David P. Andre, P.E.

From time to time, I am contacted by local high school teachers and community college instructors who ask me to visit their classrooms and discuss the engineering profession with their students. Portions of my presentation (and I use the term presentation loosely) deal with a somewhat watered-down version of the technical aspects of my job. Additionally, I discuss the educational requirements associated with obtaining an engineering degree, and emphasize the need for serious study while in school. (This is where I typically interject a plug for my alma mater, the prestigious University of Florida). I usually end my talk with some candid suggestions and recommendations for the students that can transcend the field of engineering and be applied to many other professions. Without going through each of my suggestions (there are seven if you must know), I would like to take this opportunity to discuss one that I feel is often times overlooked by many of us; maintain respect for those around you, especially the support personnel who may be under your direction or direct charge. It is often through their hard work that we engineers are recognized for a job well done.

When relaying this message to some of the younger adults in my audience, I am often greeted by a blank stare. I attempt to illustrate my point by using the morbid example: if I were to get hit by a bus tomorrow, the folks in my office would undoubtedly be more than capable of regrouping and continuing the day-to-day operations and quality of service that our office endeavors to maintain. However, if, God forbid, we were faced with a situation where our office manager Dee Duffy was suddenly unable to work, our office could easily be thrust into total chaos. (We face an abbreviated version of this each time she takes a vacation). Another example of this is LBFH's long-time receptionist, Kaye Cole. When I call, Kaye immediately recognizes my voice and adds a sincere, personal greeting – something I suspect she does with many consultants and clients. It's difficult to assign a dollar-value to her service, but I'm sure that, as the first point of contact for LBFH, her warm demeanor is an invaluable asset to that firm.

Basically, my point is this: our value is not defined by the digits in our paycheck or the amount of secondary education we received. The contributions of folks like receptionists, field technicians, cadd operators, and office assistants are equally valuable and should not be taken for granted, overlooked or go unacknowledged.

So, the next time you have field personnel working in 95-degree heat, or an administrative assistant assembling reports at 7:00 pm, acknowledge their important contributions and don't miss the opportunity to thank them for their service.

## Calendar of Events for Upcoming Months



April 18-19	FICE/FDOT Pond Design (St. Augustine)
<b>April 28</b>	<b>Treasure Coast Chapter Meeting: Mark Perry with Florida Oceanographic Society</b>
May 9-12	FICE/FDOT Roadway Design Training Exposition (Orlando)
<b>May 12</b>	<b>Treasure Coast Chapter Meeting: Project Lead-the-Way Presentations and Evaluations, Lincoln Park Academy</b>
May 25-26	FICE/FDOT Consultant's Conference (Orlando)
June 7-9	Asset Management Workshop (Clearwater)
June 17-18	FES Annual Leadership Conference (Palm Beach Gardens)
<b>June 25</b>	<b>19<sup>th</sup> Annual Treasure Coast Chapter Golf Tournament</b>
July 13-14	FICE/FDOT Project Management Conference (Orlando)
August 4-6	FES/FICE 89 <sup>th</sup> Annual Summer Conference and Exposition (Marco Island)

## April Meeting at a Glance...

**What:** Mark Perry with Florida Oceanographic Society

**Where:** Pirates Cove Resort and Marina  
(Meeting Room Downstairs, Adjacent to the Pool)

**When:** April 28<sup>th</sup>  
Cocktail Hour 6:00 pm  
Dinner 7:00 pm

**Cost:** \$25.00 / person

**RSVP:** David Andre at [dandre@ardaman.com](mailto:dandre@ardaman.com)  
or 772-878-0072 by April 22<sup>nd</sup> (Please call David to verify last minute sign-ups)

## TREASURE COAST CHAPTER 2005 CHARITY GOLF TOURNAMENT

Mark your calendars!

This year's 19<sup>th</sup> Annual Treasure Coast Chapter Florida Engineering Society Golf Tournament is scheduled for **Saturday, June 25<sup>th</sup>, 2005** at Eagle Marsh Golf and Country Club in Jensen Beach. Registration will start at 7:00 am including complementary breakfast, with a shotgun start at 8:00 am.

Prizes will be given out after the tournament for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place low net, 1<sup>st</sup> place low gross, longest drive, and closest to the pin. In addition, a raffle will be held with great prizes including foursomes at various local golf courses, golf related items, restaurant gift certificates, and many more!

All proceeds will benefit our annual MathCounts competition, the Ray White Memorial Scholarship Fund for local high school and community college students, and Project Lead-the-Way. This tournament is the Treasure Coast FES chapter's main fund raising event to help develop interest in the field of engineering for local students.

### SPONSORSHIP OPPORTUNITIES

Even if you are not a golfer, you can still contribute to our Chapter's main fund raising event! Sponsorship is not only a way to help local students, but also an excellent advertising investment. There will be opportunities for your company to sponsor either a hole, closest to the pin, or longest drive. All sponsors will have their company name placed on a sign which will be posted at one of the course holes. Other options for sponsorship include donating items for the post-tournament raffle. Please watch your mail and email for this year's invitation—coming soon!

Please save the date for this fun and important Treasure Coast Chapter Fund Raising event!

For more information, please contact David Andre at [dandre@ardaman.com](mailto:dandre@ardaman.com) or Teri Andre at [teri.andre@mscwinc.com](mailto:teri.andre@mscwinc.com).

## APRIL MEETING SUMMARY



We are very fortunate to have **Mark Perry** of the **Florida Oceanographic Society** as speaker for this month's FES Chapter Meeting. For those of you who are unfamiliar with the FOS, it is a non-profit organization founded in 1964 that is dedicated to the support and study of the marine environment. Mark is a local authority on the health of our waterways and reefs. The FOS facility is located on Hutchinson Island in Martin County.

Mark will be giving a presentation on FOS, relevant issues that face our local waters, as well as the effects of the recent hurricanes on the rivers and reef systems.

The chapter meeting is scheduled for **Thursday, April 28<sup>th</sup>**, with a cocktail hour beginning at 6:00 pm and dinner at 7:00 pm at Pirates Cove Resort and Marina.

Please RSVP by calling (772) 878-0072 or by emailing me at [Dandre@ardaman.com](mailto:Dandre@ardaman.com) no later than Friday, April 22<sup>nd</sup>. Cost is \$25/person.

# Membership News

## Reduced Rates – 50% off for New Members

The annual membership drive is about to kick it up another notch by offering 50% off the membership price. Beginning April 1<sup>st</sup>, new members can join for less than \$150.00. Now is the time to emphasize the importance of joining FES with a new PE or EI. Share the value of networking at FES events, building leadership skills through volunteer programs, participating in social events such as golf tournaments, and much more. Membership applications are available at [www.fleng.org](http://www.fleng.org) or contact Janice Faulk, Member Services at 850-224-7121.

# FES SOCIETY NEWS

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.

If you know of a Retired, Respect, or Life member in your chapter that is active and would like to hold office in the new FPER Administrative Committee please contact a Treasure Coast Chapter officer by March 25, 2005.

## FES 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](mailto:dkring@fleng.org).

## FES Annual Conference Golf Tournament

The golf tournament is an annual event held Saturday afternoon to raise funds for scholarship monies for the Florida Engineering Foundation. Lely Resort Golf & Country Club in Naples is this year's location. The cost is \$100 per person to golf or \$375 for a foursome. This will include lunch and a golf cart. A foursome with sponsorship is \$450. Golf hole sponsorships cost \$100 per hole.

## FES Annual Conference Sponsorship Opportunities

Please consider sponsoring and exhibiting at the FES/FICE Annual Conference and Exposition. Your support contributes immensely to the success of the conference's education and social activities. This year's event is at the Marco Island Marriott Resort, Golf Club and Spa. Sponsorships start as low as \$100 for the golf tournament to being a premier event sponsor.

### Full Event Sponsorship Includes:

- \* Full page ad (6" x 9") in the Annual Conference and Exposition Program
- \* Name listed as Event Sponsor in *FES Annual Report*
- \* Name listed on FES Web site
- \* Event Sponsor Name Tag Ribbons
- \* Name Listed on Event Title Poster at Event Entrance
- \* Special Table Top Exhibit in Designated Area
- \* Four (4) slides to be shown during opening reception and awards breakfast.

### Split Event Sponsorship Includes:

- \* Half page ad (6" x 4 1/2") in the Annual Conference and Exposition Program
- \* Name listed as Event Sponsor in *FES Annual Report*
- \* Name listed on FES Web site
- \* Event Sponsor Name Tag Ribbons
- \* Name Listed on Event Title Poster at Event Entrance
- \* Special Table Top Exhibit in designated area
- \* Four (4) slides to be shown during opening reception and award breakfast.

Questions? For sponsorship and advertising opportunities, please contact Debbie Hall or Kathy Roland at 850-224-7121 or E-mail [fes@fleng.org](mailto:fes@fleng.org). To download the complete sponsorship and exhibitor form go to [www.fleng.org](http://www.fleng.org).

# CONTINUING EDUCATION NEWS

## 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](http://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](http://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.

## FICE/FDOT Consultant's Conference

May 25-26, 2005

Orlando

This annual conference celebrates the partnership that exists between the Department and Florida's consultant community. You will hear important industry status reports and learn what progress has been made toward the goals set during the District by District discussion groups last year. As always, key State and District personnel will attend.

*Additional and on-line information is available at [www.fleng.org](http://www.fleng.org).*

Cost:

FES/FICE Members \$300.00

Non Members \$400.00

FDOT Personnel \$75.00

## 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](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

# FES LEGISLATIVE AFFAIRS

## THE VALUE OF FES

The Florida Engineering Society promotes and defends the professional interests of all engineers in the state of Florida. To do so, FES maintains a strong and effective voice with the legislature.

### Some of the many ways FES protects the Professional Engineer:

- **Chapter 471** monitoring and working with the Florida Board of Professional Engineers to make changes as necessary.
- **Consultants Competitive Negotiation Act (CCNA)** is always defended and watched closely so that government agencies will procure services of design professionals through CCNA.
- **Florida Engineer Management Corporation** legislation was passed to give the Florida Board of Professional Engineers the responsibility for investigation and prosecution of unlicensed practice of engineering.
- **E-Procurement** legislation was passed to exempt design professionals from paying the one percent fee as part of the *My Florida Marketplace*.
- **Design/Build** for transportation services bill was pushed regarding the type of work that can be let out as Design/Build in the future.
- Defense of trust fund raiding to include the **Transportation Trust Fund**.
- **Conservation and Environmental Quality** issues are also tracked and monitored.



## Attention Professional Engineers:

The wording on your seal may be out of date. Effective February 5, 2004, a change to Chapter 61G15, F.A.C. requires new language on your seal. Rule 23.001 changes the word *certificate* to *license* and *metal type* to *embossing*. The Florida Department of Transportation is accepting only those plans which have been stamped by seals with the updated language.

## Summer Interns

There are some high school students interested in summer/after school internships. If you are interested in hiring one of these motivated students who are interested in an engineering career, please contact David Andre at 772-878-0072 or [dandre@ardaman.com](mailto:dandre@ardaman.com).

## TREASURE COAST CHAPTER COMMITTEE OPPORTUNITIES – We still need volunteers

for many State Committees. Below is a list of the committees that are available, For details on a specific committee and an explanation of responsibilities, please see the Florida Engineering Society website (<http://www.fleng.org/aboutfes.cfm>). If you are interested in volunteering for any of these committees, please contact David Andre at 772-878-0072 or [dandre@ardaman.com](mailto:dandre@ardaman.com).

Energy Committee

Charter and Bylaws Committee

Annual Meeting Steering Committee

Communications Advisory Committee

Constructed Environment Committee

Commission on Legislative & Government



# 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](http://www.cityofpsl.com). EEO, DFWP.

## Project Engineers & Project Managers

**LBFH, Inc.** leverages the skills and experience of all employees and offers an environment that fosters individual growth and rewards performance. You'll be working for an award-winning company with an impressive track record. This is an amazing opportunity to join LBFH, Inc. and gain experience as a Project Engineer, Team Leader or Project Manager.

### Qualifications:

- Minimum of 6+ years progressive civil engineering experience in Land Development, Water Resources or Water and Wastewater.
- BS or Master's degree in engineering from an A.B.E.T accredited college or university.
- Professional Engineering License required (preferably registered in Florida).
- 3+ years experience supervising/managing a team of engineers and techs (for Team Lead and Project Manager positions).
- Demonstrated successful performance in dealing with all levels and internal and external business clients.

LBFH, Inc. provides Civil Engineering, Survey/Mapping & GIS services to private and government clients. Our corporate office is located in Palm City, Florida with branch offices in West Palm Beach, Ft. Pierce, Okeechobee, Ft. Myers and Orlando. We offer competitive salaries and an excellent benefits package including health insurance, 401(k), Paid Time Off and flexible schedules. Please submit resumes with salary expectations to [careers@lbfh.com](mailto:careers@lbfh.com) or visit our website at [www.lbfh.com](http://www.lbfh.com) for more information.



Miller Sellen Conner and Walsh (MSCW) is an award winning Orlando, FL based Planning, Landscape Architecture, Civil Engineering, Experiential Design and Environmental Services firm. Our services range from large-scale master planning to detailed site specific design.

We are currently expanding our staff and are hiring a Project Manager for our Stuart, Florida office. Candidate must be a registered P.E. in the state of Florida, with experience in all aspects of residential development design and permitting.

**Responsibilities include:** *overseeing all aspects of project performance and associated liaison with the clients; project design; preparation of signed and sealed plans and design calculations; preparation and compilation of permit applications/packages and coordination/correspondence with clients, other consultants, regulatory agencies and contractors.*

For consideration, please email your confidential resume to: [jobs@MSCWinc.com](mailto:jobs@MSCWinc.com). Please visit [www.MSCWinc.com](http://www.MSCWinc.com) to learn more about MSCW and for details on our positions and generous benefit programs. An EOE who values diversity.

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](mailto:teri.andre@mscwinc.com). ((Sorry, but this offer does not apply to employment agencies working for a fee.))

# Treasure Coast Chapter Website

**\*\* WEBMASTER NEEDED \*\***



Our website is located at:

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

Our Chapter's Webmaster, Jeremy McBryan, P.E. with PBS&J in West Palm Beach, has been the webmaster for the past year or so. He has done an excellent job of keeping the website up to date and we really appreciate his efforts! Unfortunately, he can no longer assist us, so we are in need of a new webmaster to keep our site up to date.

IF ANYONE IS INTERESTED IN TAKING OVER THIS EFFORT, PLEASE CONTACT TERI ANDRE AT [teri.andre@mscwinc.com](mailto: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](mailto:teri.andre@mscwinc.com) or call (772)219-4003.

Long-time FES member Victor E. Garrison, P.E. passed away last week. Vic was president of the St. Lucie County based firm, Garrison Electrical Consultants, Inc. and was largely credited with helping co-found the Treasure Coast Chapter of FES. Our thoughts and prayers go out to Vic and his family.

## TREASURE COAST CHAPTER ELECTIONS

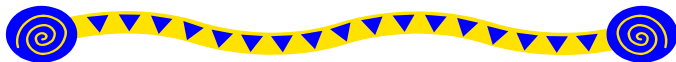
For 2005-2006 Officers

If you are interested in becoming a Treasure Coast Chapter officer, now is your chance! In July, we will have our annual election. Officers must be a member of FES. We will have openings for the positions of both Secretary and Treasurer. To nominate yourself or someone who you think will do a great job, please email David Andre at [dandre@ardaman.com](mailto:dandre@ardaman.com) or call him at 772-878-0072 by June 1<sup>st</sup>, 2005. Elections will be held in June.



### Questions or Comments?

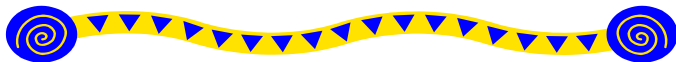
If you have any questions/comments, or if you would like something included in the monthly publication - please feel free to contact Teri Andre, P.E. at [teri.andre@mscwinc.com](mailto:teri.andre@mscwinc.com), or by telephone at (772) 219-4003.



## Quote of the Month

Ignorance more frequently begets confidence than does knowledge: it is those who know little, and not those who know much, who so positively assert that this or that problem will never be solved by science.

*-Charles Darwin*



### **2004 - 2005 Treasure Coast Chapter Board Members**

David Andre, P.E., President (772) 878-0072 [dandre@ardaman.com](mailto:dandre@ardaman.com)

Teri Andre, P.E., Vice President (772) 219-4003 [teri.andre@mscwinc.com](mailto:teri.andre@mscwinc.com)

Chad Rucks, E.I., Treasurer (863) 763-8999 [chad-r@lbfh.com](mailto:chad-r@lbfh.com)

Marcos Montes De Oca, E.I., Secretary (863) 763-8999 [marcos-m@lbfh.com](mailto:marcos-m@lbfh.com)

John Donahue, P.E., State Director (772) 461-2450 [john-d@lbfh.com](mailto:john-d@lbfh.com)

Lisa Wichser, P.E., Regional Vice President (772) 288-5927 [lwichser@martin.fl.us](mailto:lwichser@martin.fl.us)

Melissa Corbett, P.E., Past-President (772) 781-6408 [melissac@ewr1](mailto:melissac@ewr1)



**TREASURE COAST CHAPTER**  
Chartered 1987  
**FLORIDA ENGINEERING SOCIETY**  
Affiliated with

**NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS**  
**P.O. BOX 8764, PORT ST. LUCIE, FL 34985**

