



PRESIDENT'S MESSAGE

Will B. Cornelius II, E.I.

As another year draws to a close, we can all agree that 2007 has definitely been full of surprises. I remember talking with our fellow FES Treasure Coast Chapter member, Steve Marquart, P.E., before our August Chapter meeting, where he predicted one of this year's surprises by showing me an orange and blue picture of the word "HE15MAN" on his Blackberry. Of course, this was in reference to the Florida Gator superstar quarterback, Tim Tebow, and his potential to win the Heisman Trophy this year. And as we all know, Steve was dead-on.

Just like young Mr. Tebow, I feel that our chapter has been able to "grab the bull by the horns" in order to achieve yet another successful year. This year we have continued to actively promote our profession to the next generation through our MathCOUNTS, Project Lead the Way, Scholarships and K-12 programs. Without a doubt, our chapter committee chairs and volunteers are the foundation of these successful programs. So please, next time you see one of our many volunteers who take time out of their busy schedule to ensure the success of our chapter programs, give them a Hi-Five and a pat on the back for a job well done.

I look forward to seeing you all this January at our 5th Annual Treasure Coast Chapter Bust-A-Cap fundraiser for our MathCOUNTS and Treasure Coast Chapter Scholarship programs.

Happy Holidays!!

Due to the upcoming holidays, the next chapter event will be the 5th Annual Treasure Coast Chapter Bust-A-Cap on January 19th.

Calendar of Events for Upcoming Months



November 30	Treasure Coast Chapter 7th Annual Shrimp Boil (Jensen Beach)
December 24, 25 & 31 January 1	FES Headquarters Office Closed
January 17	FES/FDEP Green Engineering Seminar (Tampa)
January 19	Treasure Coast Chapter 5th Annual Bust-A-Cap (Okeechobee)
February 5 & 6	Professional Engineers Legislative Days (Tallahassee)
February 19 - 21	FICE Roadside Design Course (Tampa)
February 17 - 23	Engineers Week

January Meeting at a Glance...

What: 5th Annual Bust-A-Cap
Where: Syfrett Ranch Camphouse
SW 196th Terrace, Okeechobee

When: Saturday, January 19th
10:00 am to ???

Cost: \$25.00 per person

RSVP: Marcos Montes De Oca at
(863) 763-8999 or
Marcos-M@BoyleEngineering.com

Bring: Folding Chair, shells, shotguns
only and an appetite. A Safety
Presentation and shotguns will be
available.

**** Note: The venue change.**

The Camphouse does have indoor
bathrooms and an eating facility if you
want to just relax with an afternoon in
cattle country and wide open spaces.

Thanks go to Chuck Syfrett and Family for
their continued willingness to host this
fundraiser.

All activities and participation are done at
your own risk.



COMMITTEE CHAIRS

FES is a member driven organization. Our volunteers steer the Society in the best direction. Ideas and programs are created at the committee level and impact the organization at each level. Becoming part of a FES committee is very simple and rewarding.

We have several new volunteers since last month, however, we still need a few more for our State Committees. For further details on a specific committee, or if you are interested in volunteering for any of these committees, please contact Will Cornelius at (772) 878-0072 or WCornelius@Ardaman.com.

In addition, please thank your fellow members who are volunteering their time to make a difference.

COMMITTEE CHAIRPERSONS

- Annual Meeting Steering – Jen Porter, P.E.
- Awards – **VACANT**
- Charter & Bylaws – Adam Schildmeier, E.I.
- Communications Advisory – **VACANT**
- Conservation & Env. Quality – Richard Creech, P.E.
- Constructed Environment – Allen Bottorff, P.E.
- Energy – **VACANT**
- Ethical Practices – Melissa Corbett, P.E.
- Golf Tournament – Pat Ferland, P.E.
- K-12 Education – Jen Porter, P.E.
- K-12 Education co-chair – Sarah Henke, E.I.
- K-12 Education co-chair – Adam Schildmeier, E.I.
- Leadership Advisory – **VACANT**
- MathCOUNTS – Kelly Cranford, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- Membership Development – John Donahue, P.E.
- Professional Concerns – Allen Bottorff, P.E.
- Professional Development – **VACANT**
- Rivers Coalition – David Andre, P.E.
- Scholarship Co-Chair – Will Cornelius, E.I.
- Scholarship Co-Chair – Paul Bangs, P.E.
- Student Prof. Development – Sean Donahue, P.E.

CHAPTER LIAISON REPRESENTATIVES

- Professional Engineers in Government -
Kelly Cranford, P.E.
- Engineers in Construction - Paul Bangs, P.E.
- Engineers in Education - Jen Porter, P.E.
- Professional Engineers in Industry - **VACANT**
- Professional Engineers Retired - **VACANT**

K-12 Committee Update — Jennifer E.C. Porter, P.E.

To begin, the mission of the committee is to take a leading role in assisting the State of Florida to become a model for excellence in K-12 Engineering Awareness and Education by:

1. Exposing all students to engineering achievements and the importance of engineering innovation to our everyday lives,
2. Providing opportunities for all students to participate in hands-on programs that involve engineering problem solving techniques,
3. Providing opportunities for increasing involvement in activities and programs that provide a deeper understanding of the engineering profession and that provide a foundation for college level engineering education for those students who have the ability and the inclination.

The first thing that the committee did was to send out a questionnaire to collect information on people that wanted to present engineering information to students. We have compiled a list of interested engineers, and have begun matching speakers with teachers. FES is working on rolling out a website that will have a ton of resources for teachers. Most importantly, there will be a way for teachers to access a speaker database or to request speakers from the office. We have also sent various engineering magazines to guidance counselors, and asked for their input on the publications as well as their help in getting engineers into the schools.

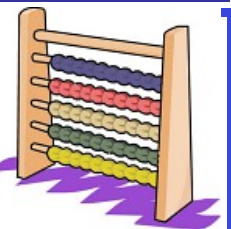
On the Treasure Coast, I'm working hard to get the word out there and to get engineers in front of students. So far, what I've done as a first step is to contact the appropriate people in the school boards of Martin, St. Lucie, Okeechobee, and Highlands County to determine whether there are teachers out there that would like to have speakers in their classrooms. Last semester and this, I have matched teachers with speakers in elementary, middle, and high schools. All of the teachers have been extremely impressed and appreciative, and I think the engineers all had a good time, as well.

I provide all of the presentation and demonstration materials, and I do all of the coordination with the teachers and schools. The speaker just needs to show up and speak!

I'd like to thank a few people who have taken time out of their schedules to interact with students, or who have volunteered to do so in the future:

John Donahue	Judy Dye	Noah Handley	Sarah Henke	Jim Lynch	Jason Matson
Jon Murray	Judy Perkins	Chad Rucks	Adam Schildmeier	Heath Stocton	

MathCOUNTS Silent Auction



To make MathCOUNTS a special event for the youth in our area, Kelly Cranford, PE and Chad Rucks, PE (Treasure Coast Chapter Co-Chairs) are asking for items to be donated for a silent auction to be held in the near future. If you have anything you would like to put up for auction (football tickets, fishing trips, artwork, etc.) please contact Chad or Kelly. These items will only be sold to FES members and all proceeds will go to supporting our local Mathletes. Please help this worthy cause that promotes the engineering profession to our community!!

**JEN PORTER, P.E.-TREASURE COAST
CHAPTER MEMBER
CYCLING 100 MILES FOR
A CURE FOR LEUKEMIA**



**Stuart, Florida –
October 2007**
More than
785,000 Americans have leukemia, Hodgkin or non-Hodgkin lymphoma, or myeloma. Every five minutes,

someone new is diagnosed with blood cancer. Every 10 minutes, someone dies. Stuart resident Jennifer Porter is working hard to change those statistics. Ms. Porter is currently training to ride a 100-mile bike ride to raise money and awareness for the programs of the Leukemia and Lymphoma Society.

Ms. Porter is a member of the Leukemia and Lymphoma Society's Team in Training Program, the world's largest endurance training program. As a member of the TNT cycling team, Ms. Porter will train with a cycling coach for 4 months in order to complete a 100-mile (century) bike ride in Tucson, Arizona, in November. Ms. Porter has committed to raising at least \$4,100 in order to support the programs of the Leukemia and Lymphoma Society and patients with blood-related cancers. In support of this fundraising goal, Ms. Porter has created a cookbook, filled with recipes from the people of South Florida. All proceeds from the sale of that cookbook will benefit the Leukemia and Lymphoma Society.

The Leukemia and Lymphoma Society is the world's largest voluntary health organization dedicated to funding blood cancer research, education, and patient services. The Society's mission: Cure leukemia, lymphoma, Hodgkin's disease and myeloma, and improve the quality of life of patients and their families.

**Contact: Jennifer Porter, P.E.
Phone: 772-323-3136
Email: djexplor@comcast.net**

**Start the New Year by Sponsoring
a New Member...**

This is a great time to start your new resolution and become more active in FES. Ask a friend or colleague to join you at a chapter meeting or other FES event. Share your experiences with co-workers and friends about the advantages your FES membership has given you. If you'd like to share your experiences in a brief testimonial, please send it to awilson@fleng.org. Testimonials will be used in various publications. Everybody wins when you help spread the word!

Remember that Membership dues are reduced 25% this month (rates are based on October 1 – September 30 membership year).

Membership applications, tools, and additional information is available at www.fleng.org/membertools.cfm or contact the Member Services Department at 850-224-7121.



**Martin County
Utilities**

**Changes to Martin
County
Design Standards**

The Martin County Board of County Commissioners has approved the latest edition of the Martin County Utilities/Solid Waste Minimum Design & Construction Standards effective 9/18/07. This latest edition was revised in July 2007. Hard copies are available for purchase at the utilities office, CD's are available on request or you can access the entire document including AutoCAD detail drawings on our web page at the following link:

http://ap3server.martin.fl.us:7778/portal/page?_pageid=351,530091&_dad=portal&_schema=PORTAL



Please visit our new website!

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

**Please send your comments and suggestions about our website to
Jon-M@BoyleEngineering.com**

Professional Development Hour (PDH)

Date	Event	Location	PDHs	Cost
January 17	FES/FDEP Green Engineering Seminar	Tampa	6	\$249 FES/FICE Members
				\$349 non-members
				<i>After January 2 - \$50 late fee applies</i>
February 5 -6	Professional Engineers Legislative Days	Tallahassee	—	\$100 FES/FICE Members
				\$150 non-members
				<i>After January 22, registrations will be accepted on a space-available basis</i>
February 19 - 21	FICE Roadside Design Course	Tampa	24	\$599 FES/FICE Members
				\$699 non-members
				<i>After February 5 - \$50 late fee applies</i>

<http://www.fleng.org/seminars.cfm>

Classifieds



Did you know that the Treasure Coast Chapter will publish POSITIONS WANTED and HELP WANTED notices for its members at no cost?! You can also add a link to the your company's website on the Chapter's site! Please email your advertisements or link requests to Sean Donahue at SDonahue@IRCC.edu

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 Sean Donahue at SDonahue@IRCC.edu or by telephone at (772) 462-7823

2007 — 2008 Treasure Coast Chapter Board Members

Will B. Cornelius II, E.I., President (772) 878-0072 WCornelius@Ardaman.com
 Jonathan Murray, E.I., Vice President (772) 286-3883 Jon-M@BoyleEngineering.com
 E. Allen Bottorff II, P.E., Treasurer (772) 462-7823 EBottorf@IRCC.edu
 Sean Donahue, P.E., Secretary (772) 462-7823 SDonahue@IRCC.edu
 John Donahue, P.E., Regional Vice President (772) 286-3883 John-D@BoyleEngineering.com
 Marcos Montes De Oca, P.E., Past-President (863) 763-8999 Marcos-M@BoyleEngineering.com
 Patrick J. Ferland, P.E., State Director (772) 878-1700 Pferland@Arcadis-us.com

TREASURE COAST CHAPTER
 Chartered 1987
FLORIDA ENGINEERING SOCIETY
 Affiliated with
 NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
 P.O. BOX 8764, PORT ST. LUCIE, FL 34985

