

PRESIDENT'S MESSAGE

When I took the office of President last July, one of my biggest worries was how I was going to write the monthly President's message. I have no wisdom to share with the rest of the chapter; most of you have are several years my senior and have been working at this profession longer than I have. Well, I've made it this far and I have managed to not offend anyone or come to a conclusion that was way off-track. I guess it goes to show that a little confidence makes a big difference when you feel "a little too small for your britches."

As I write this message, we are calling for nominations for motivated individuals to stand up and make a contribution to this chapter in a leadership role. There shouldn't be any intimidation as the whole chapter is here to support you. The nominations close this coming Friday, with elections to follow next week. Remember, there are also leadership opportunities with the chapter committees!

Jonathan Murray, E.I.

Calendar of Events for Upcoming Months



May 14	Project Lead-the-Way (Lincoln Park Academy)
May 20 - 26	<u>FHSAA Baseball Finals</u> (Tradition Field, Port St. Lucie)
June 5 & 6	FES Annual Leadership Conference (Captive Island)
June 13	23rd Annual Treasure Coast Chapter Golf Tournament (Eagle Marsh)
August 5 - 8	FES/FICE 93rd Annual Summer Conference and Exposition (Palm Beach)

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September 5

FLORIDA
vs.
Charleston Southern
(The Swamp)

May Meeting at a Glance...

- What:** Project Lead-the-Way
- Where:** Lincoln Park Academy cafeteria
1806 Avenue I, Fort Pierce
- When:** Thursday, May 14th
Begins promptly at 5:30 pm
- Cost:** **FREE!!**
- RSVP:** David Andre, P.E. at (772) 807-9191
or dandre@aaceinc.com

New Board Member Needed!!

We are now accepting nominations for new officers and some committee positions. Although all offices are up for re-election, we traditionally see all officers moving up one position, which leaves the position of Treasure Coast Chapter Secretary open for a new board member. All board members are expected to attend all monthly board meetings and most chapter meetings.

We have many opportunities to help promote our profession and give back to our community. Please contact Will Cornelius, P.E. at (772) 878-0072 or via email at WCornelius@Ardaman.com if you or someone you know is interested in becoming part of the leadership for our Treasure Coast Chapter of FES.

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, however, we still need a few more. For further details on a specific committee, or if you are interested in volunteering for any of these committees, please contact Jon Murray at (417) 496-4453 or murrayjw1190@gmail.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 – Craig Dunkelberger, P.E.
- Charter & Bylaws – Adam Schildmeier, P.E.
- **COMMUNICATIONS ADVISORY – VACANT**
- Conservation & Env. Quality – Richard Creech, P.E.
- Constructed Environment – Allen Bottorff, P.E.
- Energy – Bill Thiess, P.E.
- 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, P.E.
- Leadership Advisory – David Andre, P.E.
- MathCOUNTS – Kelly Cranford, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- MathCOUNTS (Fundraising) - Adam Shildmeier, P.E.
- Membership Development – Pat Ferland, P.E.
- Philanthropy – Will Cornelius, P.E.
- Prof. Concerns – Allen Bottorff, P.E.
- Prof. Development – Marcos Montes De Oca, P.E.
- Scholarship Co-Chair – Paul Bangs, P.E.
- **SCHOLARSHIP CO-CHAIR - VACANT**
- Student Prof. Development – Sean Donahue, P.E.
- **WEBMASTER - VACANT**

CHAPTER LIAISON REPRESENTATIVES

- Engineers in Government - Kelly Cranford, P.E.
- Engineers in Construction - Paul Bangs, P.E.
- Engineers in Education - Jen Porter, P.E.
- Engineers in Industry - Marcos Montes De Oca, P.E.
- **ENGINEERS RETIRED - VACANT**

Congratulations Scholarship Recipients!!

Ray H. White, Jr., P.E. Scholarships



**ANGELA M. PHILLIPS
SOUTH FORK HIGH SCHOOL**



John E. Donahue, P.E. Scholarships



**KELLY J. QUINTERO
LINCOLN PARK ACADEMY**



**S. MATT GILBERT
SOUTH FORK HIGH SCHOOL**



**ROBERT J. BEDNAR
SOUTH FORK HIGH SCHOOL**



PHILANTHROPY COMMITTEE

Are you involved with a local charitable organization that is looking for help?
Would you like to partner with your fellow chapter members to give back to our community?
Please contact Will Cornelius, P.E. at WCornelius@Ardaman.com for additional information.



The Treasure Coast Food Bank has been providing food to the poor and hungry in our communities since 1989. It is the only organization of its kind serving the Treasure Coast: Indian River, Martin, Okeechobee and St. Lucie Counties.

The Food Bank collects large donations of food from the food industry and distributes **more than 2 million pounds** of food each year to **over 170** charitable and faith-based agencies serving hungry and disadvantaged people.

Where does the food come from?

Dozens of local and national companies donate quality food to the Food Bank including: farmers, retailers, manufacturers, wholesalers and restaurants.

All types of food and grocery products are donated, including non-perishables, fresh and frozen foods. Non-food items such as paper products, soap and personal hygiene items are also donated. Products are donated for a variety of reasons including: product flaws, mislabeling, discontinuation and overproduction.

Food drives and individual contributions are another source of food. Schools, churches, corporations and service clubs account for more than 10% of food donations.

Who is hungry?

No one plans to be poor... Illness, unemployment and divorce are all examples of crises that plunge people into poverty and hunger. People of all ages, races, genders and physical and mental abilities are hungry in our communities and must often make difficult choices between buying food and paying for housing, utilities or medical care.

The Treasure Coast Food Bank provides emergency food assistance to more than 40,000 people each month. Of those helped by Food Bank agencies - 43% are children, and 13% are seniors. Many of those served by the Food Bank and its agencies are employed, but have wages below the federal poverty level. Others are in poor health and lack medical insurance. Most individuals and families are 1-3 paychecks from poverty.

How does the Food Bank help?

The Food Bank provides food assistance to charitable agencies serving hungry and disadvantaged people. These agencies include:

Food Pantries — Youth programs — Soup kitchens — Seniors programs — Emergency Shelters — Programs for the disabled

These agencies receive more than half of their food from Treasure Coast Food Bank and save up to 75% of the cost of their feeding programs by receiving Food Bank support.

Treasure Coast Food Bank
3051 Industrial 25th Street, Fort Pierce, FL 34946
Phone: 772 489-5676 Fax: 772 489-2988



treasurecoastfoodbank.org

feedingamerica.org



**FLORIDA ENGINEERING SOCIETY
TREASURE COAST CHAPTER**

23rd Annual Golf Tournament

SATURDAY, JUNE 13TH, 2009

4 - Player Scramble

To Benefit:

MATHCOUNTS

RAY WHITE MEMORIAL SCHOLARSHIP FUND

PROJECT LEAD-THE-WAY

When: Saturday, June 13, 2009

8:00 am Shotgun Start

(7:00 am Registration)

Prizes: 1st, 2nd, 3rd Place Low Net

1st Place Low Gross

Longest Drive

Closest to Pin

Where: Eagle Marsh Golf Club

Jensen Beach, Florida

Raffle: **Fabulous Prizes** including foursomes
at various local golf courses

Cost: \$90 per person (includes banquet)

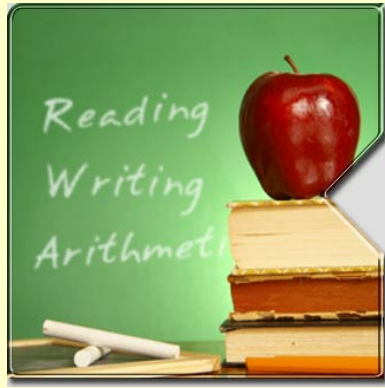
\$20 to attend banquet only

As always, refreshments on the course are free!!

For more information, contact Pat Ferland at (772) 464-3537x*113 or pferland@ct-eng.com

Deadline for entries and banquet reservations: June 5, 2009





FES K-12 Session

Engineering in the K-12 Curriculum

Making a Difference, One Student at a Time

The Florida Engineering Society (FES) K-12 Committee is pleased to host its second annual interactive session between educators in the community and engineer volunteers. The program will be held during the FES Annual Conference on Friday, August 7, from 3:30 to 5:30, and will focus on utilizing engineering principles, examples, and activities to reinforce math and science lessons in the classroom and the initiative to introduce engineering into the K-12 curriculum in Florida. We are honored that Ioannis Miaoulis, PhD has agreed to speak to the participants. Dr. Miaoulis is the President and Director of The Museum of Science in Boston and its National Center for Technology Literacy. He spearheaded the effort to incorporate engineering into the curriculum of the school system in Massachusetts. The FES K-12 Committee has also invited teachers from the Palm Beach County Schools to talk about Project Lead the Way and interactions with engineers in the classroom.

As a bonus to the K-12 students attending the conference, the South Florida Science Museum has donated staff time and resources for hands-on activities. FES is excited to offer this opportunity for the educators and engineer volunteers to interact. We look forward to connecting educators and engineers and furthering our goal of introducing Florida students to the use of engineering concepts in everyday life.

The FES K-12 Committee focuses on outreach to as many students as possible in Florida. The committee has 20 chapter representatives across the state who strive to mentor and excite future engineers by making presentations in classrooms, participating in career day events, helping with special projects, and taking part in the education process. Information about the FES K-12 program is available at www.fleng.org/k-12 or contact Jen Porter, State and Treasure Coast K-12 Committee Chair at 772-219-2887 or jen.porter@aec.com.

From our photo archives. Do you recognize these FES Members?



Professional Development Hours (PDHs)

Date	Event	Location	PDHs	Cost
June 3 - 4	2009 Water Facility State Revolving Fund Workshop	Amelia Island Plantation Resort	Full Conference 4 PDHs	\$199 Government Employees \$329 FES/FICE Members, \$429 All Others
				Register Before May 18, 2009
				<i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=386
July 22 - 24	FICE Advanced Work Zone Traffic Control	Embassy Suites Tampa Airport	20 PDHs	\$550 FES/FICE Members, \$650 All Others
				After July 7, \$50 late fee applies
				<i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=377

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



Please visit our new website!

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

**Send your comments and suggestions
about our website to**

murrayjw1190@gmail.com

Questions or Comments?

If you have any questions/comments, or if you would like something included in the monthly publication, please contact Noah Handley at (863) 763-8999 or noah.handley@aecom.com

2008 — 2009 Treasure Coast Chapter Board Members

Jonathan Murray, E.I., President (417) 496-4453 murrayjw1190@gmail.com
 Paul J. Bangs, P.E., Vice President (772) 463-2848 pjbangs@bellsouth.net
 Stephen A. Gaydosh, P.E., Treasurer (772) 446 - 6082 SAGENGR@HCONTROL.COM
 Noah A. Handley, P.E., Secretary (863) 763-8999 noah.handley@aecom.com
 Pat Ferland, P.E., Regional Vice President (772) 464-3537 pferland@ct-eng.com
 Will B. Cornelius II, P.E., Past-President (772) 878-0072 WCornelius@Ardaman.com
 David Andre, P.E., State Director (772) 807-9191 dandre@aaceinc.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





Equine Rescue & Adoption Foundation, Inc

A 501(C)3 Organization

Equine Rescue & Adoption Foundation, Inc. was founded in 2000 to rehabilitate and rehome neglected, abused or unwanted horses.

ERAF is looking for volunteers willing to help them with the following issues.

Flooding: They are looking for someone to help them resolve some flooding issues on their 40 acre parcel in Palm City.

Grants: They are looking for someone to help them come up with a master plan that they can use to obtain grants.

If you are interested in finding out more please call or email:

Kristen Nelson

Kirsten@wexfordfarm.com

561-252-2884

**Equine Rescue and Adoption Foundation
10152 West Indiantown Rd; Suite 136
Jupiter, FL 33478**

ERAF is a not for profit 501(c) (3) tax exempt foundation.



SUMMARY OF SERVICES FOR JOBSEEKERS WE OFFER:

Career Assessment: We assess knowledge, interests, skills and abilities. Assessment results are used to identify and remove barriers to employment and develop a training and employment plan for the jobseeker. Assessment activities include an initial screening interview, necessary testing, goal setting, needs assessment, and identifying resources that can help overcome barriers.

Career Planning: Career planning provides the information and assistance for setting realistic career goals. Jobseekers are provided labor market information, vocational exploration activities, assessment results and analysis, and other information for narrowing many career opportunities to matches with the customers' interests, aptitudes, and abilities. Activities result in a service strategy that spells out how a customer prepares for entry into a chosen career.

Case Management: Case Management assigns a jobseeker to a Career Planner who assists that person throughout his/her participation in a job training program. The Career Planner brokers training and support services required for success.

Job Club: Job Club, a workshop, teaches jobseekers how to match their skills and interests to demand occupations. Employability skills (i.e., proper dress and grooming), work attitudes and habits, resume writing, job interviewing skills, and other information, such as labor market information and teamwork are included.

Job Development: Recruiters perform job development on behalf of jobseekers by contacting employers to ascertain if job openings exist and marketing a jobseeker as a potential employee for the employer. The object is to obtain an employer's commitment to interview and consider the jobseeker for hire. Job Development may be for individuals or groups of similarly skilled customers.

Job Search Assistance: This activity helps workers seek, locate, apply for and obtain a job. Services may include, but are not limited to job-finding skills, labor market orientation, resume preparation, job development, job referrals, and career exploration.

Occupational Skills Training: OST is instruction conducted in an institutional or worksite setting to upgrade an individual's primary/technical and secondary/ancillary skills to perform a job or group of jobs, such as auto mechanics, or health services. Individual training accounts, similar to scholarships, may be provided to trainees.

On-the-Job Training: OJT is provided by private or public sector employers to an individual while (s)he is engaged in productive work. This training teaches primary/technical and secondary/ancillary skills required by a job and essential to the full and adequate performance of the job while working at the employer's worksite. The employer is reimbursed a portion of the wages paid to the trainee for the extraordinary costs associated with training a new employee who did not originally meet skill expectations.

Other Employment Skills Training: This category includes a variety of workshops essential to preparing an individual for life. Training may include budgeting, use of credit, researching labor market information, pre-employment skills, and other skills.

Work Readiness Certification: Work Certified is a 90-hour training program focused on the soft skills most requested by employers. Successful completers of the program earn a certification in nine soft-skill areas. The certification may be used to obtain a job.

Work Experience: Work Experience is a short-term work activity in the public or not-for-profit sector that provides an individual the opportunity to acquire skills and knowledge necessary to perform a job, and to develop the work attitudes and habits desired by employers. The length of training is based on the needs of the jobseeker and is time-limited, usually six months, or 500 hours.

Labor Market Information: We provide a variety of labor market data for analyzing wages, benefits, employment levels, market trends, as well as other information jobseekers need to target their job searches.

Toll-free Hotline: A toll-free hotline offers information on workforce services. 1-866-4U2-HIRE (1-866-482-4473) is a dedicated line manned by employment professionals who can answer questions and channel jobseekers to the right services.

Website: In January 2009, a new website, www.yourworkforcesolutions.com, will offer information, on-line assistance and links to various employment and training services for jobseekers. Or jobseekers may go to www.employflorida.com.

workforce solutions

SUMMARY OF SERVICES FOR BUSINESS WE OFFER:

Business Services Consultants: Trained workforce development specialists work directly with businesses to identify their workforce needs and develop solutions. Business Services Consultants meet one-on-one with employers to tailor services and to facilitate on-going workforce development for the employer, including financial incentives for training a workforce.

Recruitment Assistance: We simplify the time-consuming and costly employee recruitment process. Our team of professionals locate and screen qualified applicants, conduct skills assessments specified by the employer, schedule appointments, and may provide facilities for interviewing. Arrangements for this service may be scheduled through a Business Services Consultant.

Job Fairs: For sizable recruitments, a customized job fair may be arranged and managed by Workforce Solutions in partnership with a business. Trained workforce development professionals work directly with employers to develop and deliver an event that attracts skilled workers interested in jobs offered by the employer.

Customized Training: Customized training is preceded by a commitment to hire by an employer. This training may include, but is not limited to, on-site, hands-on industry specific training provided by an employer, and classroom instruction. A reimbursement to offset the cost of training is made to the employer, usually on a unit cost basis, for the expenses associated with the training.

Skills Upgrading: Employed worker training is customized training offered to employers who must upgrade the skills of their existing workforce to remain competitive in the market. Reimbursements for a portion of the training costs are available from Workforce Solutions or Workforce Florida, Inc.

On-the-Job Training: OJT is provided by private or public sector employers to an individual while (s)he is engaged in productive work. This training teaches primary/technical and secondary/ancillary skills required by a job and essential to the full and adequate performance of the job while working at the employer's worksite. The employer is usually reimbursed a portion of the wages paid to the trainee for the extraordinary costs associated with training a new employee who did not originally meet skill expectations.

Work Readiness Certification: Our pool of job applicants include workers certified in the work ethics and basic skills most employers need. A "Work Certified" job applicant earned a credential for demonstrating competency in these skills. A "Work Certified" card is the job applicant's proof of having the "right stuff" to do a job.

Ready-to-Work Certification: This certification indicates the job applicant took a test and the results indicated that the applicant functions at one of three levels and is capable of doing jobs that match the level of skill mastered.

Re-employment Assistance: A local team of trained representatives organized by Workforce Solutions plans and coordinates assistance for employers and workers affected by layoffs. The team provides resources, such as funds, technical expertise, labor market statistics and job relocation information with the goal of averting layoffs and unemployment.

Lending Library: A collection of training materials are available for loaning to employers.

Labor Market Information: We provide a variety of labor market data for analyzing wages, benefits, employment levels, market trends, as well as other information businesses need to grow and expand.

Toll-free Employer Hotline: To better serve the needs of businesses, we offer a toll-free hotline for listing jobs. 1-866-4U2-HIRE (1-866-482-4473) is a dedicated line where employers receive personal attention.

Website: In January 2009, a new website, www.yourworkforcesolutions.com, will offer information, on-line assistance and links to various workforce services for employers. Or, employers may go to www.employflorida.com.