



Chapter Newsletter

2011-2012 Pinellas Chapter Officers

President	Pete Stasis, P.E.
President Elect	David O'Connor, PE
Vice President	Mahshid Arasteh, PE
Treasurer	Fred Dargahi, PE
Secretary	Brad Foran, P.E.
State Director	Kevin Becotte, PE
Past President	Dana Tallman, PE

FES Pinellas Chapter Message from the President June 2012

All are welcome to our monthly board meetings and breakfast, which occur on the third Friday of each month at the Village Inn on SR 60 in Clearwater at 7:30 am sharp. General meetings are held on the second Thursday of each month. Our next meeting is scheduled for the Thursday lunch hour on June 14th at the Ceviche restaurant on SR 60 in Clearwater. Our Guest Speaker will be Pinellas County Commissioner Karen Williams Seel. Check out our website by visiting the FES website and clicking on the Pinellas Chapter.

The Chapter recently awarded \$6,000 in scholarships to deserving SPC and high school students. Jon Gotwald and I attended a SPC awards ceremony in April to present the inaugural FES Pinellas Chapter Mentor of the Year Plaque to Professor John Williams. SPC student FES members, who were also present for this presentation, proposed the award of special recognition for their professor to our Chapter in March. Professor Williams was humbled and appreciative.

The FES Leadership Conference is scheduled for June 15, 2012 at the Innisbrook Resort in Palm Harbor. Chapter members David O'Connor, Jon Gotwald and Don Polmann have registered to attend. The Annual FES/FICE Conference is scheduled for August 8-11, 2012 at the Bonnet Creek Resort in Orlando. Pete Stasis and Kevin Becotte will be attending for the Chapter. SPC FES Student Chapter members have also been invited to present their solar project.

As is customary, there will be no general meetings for July and August.

Let's have fun and focus in on improving our profession and our community.

Pete Stasis

President

FES Pinellas Chapter

June 2012

Calendar of Events

PLEASE JOIN US

When: Thursday June 14, 2012

**Registration 11:30 A.M.
Lunch and Program 12:15 A.M.**

Guest Speaker: Karen Seel, Pinellas County Commisioner

Topic: Update on County Challenges

**Where: Ceviche
2930 Gulf to Bay Boulevard, Clearwater, FL 33759-4222
Phone Number: (727)799-3082**

Cost: \$20 per person

RSVP: Please RSVP to Mahshid Arasteh, PE

**americanqualityconsultants@gmail.com
[727-543-1458](tel:727-543-1458)**

June 2012

Calendar of Events

For additional information about the events listed below contact the chapter officers or FES Headquarters at (850)224-7121.

June 2012

**14 Monthly Meeting- Guest Speaker: Karen Seel, County Commissioner
Lunch Meeting, 11:30 A.M., Ceviche, Golf to Bay, Clearwater**

15 FES Pinellas Board of Directors Meeting, Village Inn, Clearwater

July

20 FES Pinellas Board of Directors Meeting, Village Inn, Clearwater

August

17 FES Pinellas Board of Directors Meeting, Village Inn, Clearwater



Up Up and Away!

2012 FES Chapter Leadership Conference

Getting Back To Basics • Chapter Officer Training
 June 15, 2012 • Innisbrook Resort, Palm Harbor, Florida

About the Conference:

The 2012 FES Chapter Leadership Conference will provide the tools, information, and connections for today's (and tomorrow's) leaders. The program will provide the training for chapter leaders both current and future along with sharing experiences from seasoned leaders.

The 2012 Leadership Advisory Committee has developed a program guaranteed to prepare chapter leaders for success. The revised one-day program is focusing on FES, the history, current status and the value of the future chapter leaders.

Who Should Attend?

Current and future leaders, chapter officers, members in line for chapter officer position, and anyone wishing to enhance their overall leadership skills, whether an Engineering Intern (EI), student of engineering or a Professional Engineer (PE). It is strongly encouraged that the incoming president or new officer positions at the chapter level attend the conference.

Hotel Accommodations

Innisbrook, a Salamander Golf and Spa Resort at 36750 US Highway 19 North, Palm Harbor, FL 34683. A conference rate of \$119 per night for a Deluxe Suite featuring two queen beds, a desk and seating area with both golf course and resort views; and a conference rate of \$139 per night for an Executive Suite featuring a comfortable parlor and bedroom, a built-in bar, fully equipped kitchen and a private balcony or patio, has been made available to all conference attendees. These discounted rates are offered 3 days before and 3 days after the event should attendees wish to extend their stay, based upon availability.

Hotel Reservations

To receive the discounted room rate, please call the hotel directly at 800-492-6899 by Friday, May 25, 2012 and reference Florida Engineering Society (FES). Please note that this is the date through which the hotel will hold any rooms left in the block, but it does not guarantee that rooms will not sell out PRIOR to the reservation deadline. Please make your hotel reservations as soon as possible to help ensure rate and availability.

Agenda

- 7:30-8:30 am: Breakfast and Registration
- 8:30-8:45 am: Welcome by President, President-elect and Committee Chairs
- 8:45-9:45 am: Mark Mongeau, PE - Leadership Speech
- 9:45-10:30 am: Student Chapter Presentations
- 10:30-10:45 am: Morning Break
- 10:45 am-Noon: Roundtable Discussions - Officer Training
- Noon-1 pm: Working lunch
- 1-2 pm: 2011 ACE Award Presentations
- 2-2:15 pm: Afternoon Break
- 2:15-3:45 pm: Roundtable Discussions, Committee Involvement and Chapter Fun Activities
- 3:45-4:30 pm: Seasoned Leaders Wrap up Session

2012 FES Awards

As we begin a new year for the Pinellas Chapter and the State FES, it is time to think about those members who have contributed to our Society. Please join me after the Board meeting on November 18th as I convene the Awards Committee to nominate members for the 2012 awards. This should only be a half hour extra and your input is welcomed. If you are unable to attend, but have a nomination, please e-mail me at kbecotte@tampabay.rr.com . The awards categories are as follows:

- Engineer of the Year
- Young Engineer of the Year
- Outstanding Service to the Profession
- Outstanding Technical Achievement
- Fellow Membership
- Government Engineer of the Year
- Industry Engineer of the Year

Additional information regarding awards can be viewed on the State website www.fleng.org



FES Awards Committee Awards Deadlines & Responsibilities 2011-2012

May 2012

- FES Board Meeting agenda deadline – June meeting.

June 2012

- FES Board of Directors Meeting
 - Board Approved Motions for FES Awards

July 2012

- FES Board Agenda Deadline for August meeting

August 2012

- 9th – FES Board of Directors Meeting
- 11th – FES Awards Breakfast – Hilton Bonnet Creek

Each chapter has an awards program that recognizes individuals at the local level. This is the first step to nomination at the state level. Please check with your chapter president or awards representative for the chapter nomination process.

Questions? Contact Trevor Maddox, Senior Meeting Planner at 850-224-7121 or tmaddox@fleng.org.

2012 Professional Engineer Legislative Days

Hosted by the Florida Engineering Society and the Florida Institute of Consulting Engineers

February 15-16, 2012

Tallahassee, FL

As a member of FES/FICE and a participant in our grassroots political program, your direct communication with your Senator and Representative will complement the work of our professional FES/FICE lobbyists at the Capitol. Please note that our legislative event will take place during FL Session in 2012 and that there is limited space at the hotel. **Be sure to book your room today.** Registration for this important event will be available in October 2011.

[Event Agenda](#)

[Hotel Registration](#)

[FES Legislative Affairs Web Page](#)

FES/FICE 96th Annual Summer Conference & Exposition – August 2012

Are you getting excited about the **FES/FICE 96th Annual Summer Conference & Exposition, August 8 – 11, 2012?** FES is! We are delighted to announce the Hilton Bonnet Creek in Orlando as the location for the big event. When you attend the 96th Annual Summer Conference your learning and networking opportunities will be met with top quality speakers and sessions, PLUS your free time will be fun time. The Hilton Bonnet Creek is a dynamic destination that you can make into a **family vacation with the extended special room rates being offered three (3) days before and after.** [Book today](#) to get the \$159 room rate. [Click here](#) for information on the attractions and 'family fun time' activities to enjoy in the Orlando area.

The 2012 EEA competition dates to remember are:

August 10, 2012 FICE EEA Awards Presentation

Brochure is available at <http://www.fleng.org/FICE/ficeeea.cfm>

Membership News

Find membership applications, tools, and additional information [online](#).

2012 FES Chapter Leadership Conference – Register today!

June 15, 2012

Innisbrook Resort, Palm Harbor, Florida

The 2012 FES Chapter Leadership Conference will provide the tools, information, and connections for today's (and tomorrow's) leaders. The revised one-day program is focusing on FES, the history, current status and the value of the future, current and seasoned chapter leaders.

The session begins at 8:30 am with a welcome from our current leaders then an inspiring and motivating presentation by FES Past President Mark Mongeau, PE, F.NSPE. Presentations by our future leaders, the FES Student Chapter members, along with officer training at the first set of roundtables wraps up the morning session. A working lunch keeps the emerging flowing into the afternoon chapter success stories, committee and chapter programs highlight the afternoon roundtables. The day is wrapped up by hearing from our seasoned leaders and taking away their keys to success in FES.

Participation is encouraged from current and future leaders, chapter officers, members in line for chapter officer position, and anyone wishing to enhance their overall leadership skills, whether an Engineering Intern (EI), student of engineering or a Professional Engineer (PE). It is strongly encouraged that the incoming president or new officer positions at the chapter level attend the conference.

To download the brochure, please click here.

<http://www.fleng.org/images/files/FESLead%20eRegistration.pdf>

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=541

Volunteer to serve on (a) FES Committee(s)

Strong committees are critical to the success of our organization and they offer our members an opportunity for meaningful involvement in the betterment of our profession. If you are interested in serving on an FES committee please let your Chapter President-elect know or contact Kelly Jones at Headquarters at kelly@fleng.org. For a listing of current committees and their time requirements please visit <http://www.fleng.org/committees.cfm>. Please confirm your interest by June 15th. If you have additional questions please feel free to contact Kelly Jones at 850-224-

Society Programs

For more information on the events below or to download complete brochures visit www.fleng.org

Intend to Apply for the FELI Class of 2013? Let us know!

The FELI Class of 2013 will run from November, 2012 through August, 2013. Session dates and locations will be announced as soon as they are confirmed.

If you intend to apply for the FELI class, please let us know by submitting the *Intent to Apply* form. You may follow-up later by submitting the complete application by the September 3rd deadline.

Program brochures, Intent to Apply form and full application can all be found at www.fleng.org/leadership.cfm or by contacting Dee Kring at 850/224-7121 or dkring@fleng.org.

**Sponsoring and/or Exhibiting at the FES/FICE 96th Annual Conference and Exposition
Hilton Orlando Bonnet Creek – August 9-10, 2012**

There are still Event Sponsorships and 11 Exhibit Booths available:

Without your support for this event, the conference would not be as memorable nor offer the caliber of educational seminars to the members. If you sponsor this year as an event sponsor you will receive:

- Your name listed as Event Sponsor in the FES Annual Report
- Your name listed as an event sponsor on the FES website– www.fleng.org
- Your name listed on Event Title Poster at Event Entrance
- PowerPoint slides to be shown during opening reception and awards breakfast
- Half day tabletop display on Friday (*optional*)

FRIDAY:

Student Breakfast	\$1,500
Practice Section Breakfasts	\$1,100
Morning Break	\$1,600
General Session	\$3,000/\$1,650 split
Friday Luncheon	\$2,800/\$1,550 split
Professional Develop Seminar	\$3,200/\$1,800 split

SATURDAY:

FES Awards Breakfast	\$2,800/\$1,600 split
FES Reception	\$1,400
FES Informal Install Dinner	\$1,800 split
Dinner Entertainment	\$5,000/\$2,750/\$1,400 split
Hospitality	\$1,000

We also have program patrons:

Inside Back Cover	\$770 (b/w)/\$920 color
Full Page Ad	\$650 (b/w)/\$800 color
3/4 Page Ad	\$500 (b/w)/\$650 color
1/2Page Ad	\$375 (b/w)/\$525 color
4- PowerPoint Slides	\$225

Contact Kathy Roland, Advertising Coordinator at 850-224-7121 or email kathy@fleng.org for more information/brochure.

Continuing Education

For more information on any of the events listed below or to register online [click here](#).

June 7-8 – 2012 Water Facility State Revolving Fund

Orlando, Rosen Shingle Creek Hotel

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=542

July 27 – One Stop PDH Shop - Tampa

Crowne Plaza Tampa Westshore

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=543

September 19-21 – FICE Roadside Design

Orlando, Location TBD

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=544

Annual FES/FICE Events

August 8-11 – FES/FICE 96th Annual Conference

Hilton Bonnet Creek, Orlando

The site of the FES/FICE 96th Annual Summer Conference and Exposition is the Hilton Bonnet Creek, located at 14100 Bonnet Creek Resort Lane in Orlando located near Walt Disney World[®] Resort. We are pleased to announce that we have arranged a block of rooms at a **discounted group rate of \$134**. There is no resort fee and self and valet parking is at a discounted rate. Please note that the deadline to make your reservations and receive the discounted group rate is Friday, July 13th; however, rooms may sell out prior to this deadline. Ensure you have a room by contacting the Hilton Bonnet Creek today.

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=529

Calendar of Events

For more information visit the online [FES Calendar](#).

June 2012

- 7 SFWMD 2012 ePermitting Training Session, West Palm Beach-District Headquarters, 9 am – 12 pm
- 7-8 Water Facility State Revolving Fund (SRF) Workshop
- 7-9 FELI Class of 2012, Session VI, Hyatt Regency Coral Gables
- 14 FES Board of Directors Meeting, Innisbrook Resort, 10-2 pm EST
- 15 FICE Board of Directors Meeting, Innisbrook Resort, 8 am
- 15 2012 FES Chapter Leadership Conference, Innisbrook Resort
- 15-16 FICE Planning & Orientation Conference, Innisbrook Resort

July 2012

- 13 SFWMD 2012 ePermitting Training Session, West Palm Beach-District Headquarters,
9:00 am - 12:00 pm
- 17 FICE Transportation Committee Meeting, Renaissance Hotel at International Plaza,
Tampa, 10 am - 2 pm
- 27 One Stop PDH Shop (Tampa)

Upcoming Seminars

June 7-8 – 2012 Water Facility State Revolving Fund

Orlando, Rosen Shingle Creek Hotel

For more information and to register, please click here.

http://www.fleng.org/seminars.cfm?event_id=542

~~~~~

**Annual FES/FICE Events**

**August 8-11 – FES/FICE 96<sup>th</sup> Annual Conference**

Hilton Bonnet Creek, Orlando

The site of the FES/FICE 96<sup>th</sup> Annual Summer Conference and Exposition is the Hilton Bonnet Creek, located at 14100 Bonnet Creek Resort Lane in Orlando located near Walt Disney World<sup>®</sup> Resort. We are pleased to announce that we have arranged a block of rooms at a **discounted group rate of \$134**. There is no resort fee and self and valet parking is at a discounted rate. Please note that the deadline to make your reservations and receive the discounted group rate is Friday, July 13th; however, rooms may sell out prior to this deadline. Ensure you have a room by contacting the Hilton Bonnet Creek today.

For more information and to register, please click here.

[http://www.fleng.org/seminars.cfm?event\\_id=529](http://www.fleng.org/seminars.cfm?event_id=529)

---

Florida Engineering Society – Volunteer Form

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| Return Completed Form to: <CHAPTER OFFICERS COMPLETE THIS SECTION> |        |
| Phone/Fax                                                          | Email: |
| Completed Forms Are Due By:                                        |        |

|                 |               |
|-----------------|---------------|
| <u>Name:</u>    |               |
| <u>Company:</u> | <u>Title:</u> |
| <u>Address:</u> |               |
| <u>Email:</u>   | <u>Phone:</u> |

Please list the current or most recent committees you have served on including the dates of involvement:

Please use the committees listed on the attached page to prioritize desired volunteer positions:

- 1.
- 2.
- 3.

|                                                              |                                                    |
|--------------------------------------------------------------|----------------------------------------------------|
| Does your company support FES volunteer time and commitment? | How many years have you been an NSPE / FES member? |
|--------------------------------------------------------------|----------------------------------------------------|

**Please accept my interest form for the selected committees. I understand the commitment required to perform in the position I have chosen and agree to do so to the best of my ability should I be selected for the committee.**

Signature \_\_\_\_\_ Date \_\_\_\_\_

## **FES - Pinellas Membership Update --- Be a Recruiter & Earn \$\$\$!**

Please step up to the challenge and help us in on our membership recruitment efforts! Your help in sharing FES Membership with a friend and fellow engineer would be most appreciated and **will reap you personal rewards.**

Our Chapter has a new “Members Recruiting Members” Program, which will reward all Pinellas Chapter members who sponsor a new Pinellas Chapter member with a \$25 Home Depot gift certificate. This gift certificate may also be redeemed for a FES Chapter monthly lunch or dinner meeting ticket.

Since my last report to you, we welcome the following 3 new FES Pinellas Chapter members, who have joined us in the last year. Special thanks to their sponsors for sharing the value of FES membership with these engineers:

As of the end of November, our membership stands at 209. Our goal is to add 21 members by the end of July 2011. Together, we can achieve this goal. **YOUR EFFORTS WOULD MAKE ALL THE DIFFERENCE!!!**

Membership applications as well as a “Benefits of FES Membership” flier are available behind the “Join FES” tab our Chapter web site [www.pinellasfes.org](http://www.pinellasfes.org) . Check it out and become a sponsor TODAY!!! I would really appreciate your personal help in recruiting a new member.

The following incentive programs are available to reward your efforts in this regard:

- The FES Member Appreciation Program (State) rewards you every time you sponsor a new member. Note that, if you sponsor 8 or more new members during this membership recruitment year, you get your annual FES State and Chapter membership FREE for 2011 - 2012.
- The NSPE “Give Back/Get Back” (National) program rewards any member who sponsors 2 or more new members this year (by June 30, 2010) will receive free NSPE dues for 2011 - 2012!
- And, now our new FES Pinellas (Local) “Members Recruiting Members Program” rewards you with every new FES Pinellas member sponsorship

All, excellent reasons to be a sponsor!!! **SO, DON'T DELAY --- RECRUIT A NEW MEMBER TODAY!!!**

Sponsors just need to get the potential new member to complete a FES application and mailed it to Chuck Warrington at Clearwater Gas System, 400 North Myrtle Avenue, Clearwater, FL 33755 or Fax it to (727) 562-4902. No money is needed. FES Tallahassee will bill for next year's dues plus the application fee. And, don't forget to invite these potential members personally to join you for our next Chapter meeting or activity.

Chuck Warrington, PE, FES Pinellas Membership Development Director

Tel: (727) 562-4901 / E-Mail: [chuck.warrington@clearwatergas.com](mailto:chuck.warrington@clearwatergas.com)

## Future City Competition

We are gearing up for another big year of the Future City Competition. If you are already registered - THANK YOU! We are currently looking for additional engineer mentors to pair up with the teams of 6<sup>th</sup> – 8<sup>th</sup> grade students. Please see the attached for more information.

The following is a list of schools that have indicated that they need a mentor:

- Largo Middle School
- Orlando Science Schools
- Pinellas Park Middle School
- Northwestern Middle School
- Osceola Middle School
- Safety Harbor Middle School
- Morgan Fitzgerald Middle
- Osceola Middle School
- Oak Grove Middle School
- Meadowlawn Middle School
- Fitzgerald Middle School
- Lomax
- Montessori School of  
Celebration
- Young Middle Magnet
- Clearwater Fundamental  
Middle School
- Fitzgerald Middle School
- Morgan Fitzgerald MS
- Tarpon Springs Middle School
- USF

If you are interested, or if you know someone else that may be interested, please register on-line at [www.futurecity.org](http://www.futurecity.org) Go to "Get Involved" the "Be a Mentor". Please help us get the word out!

If you have any questions, please feel free to contact :

**Jessica A. McRory, PE, LEED AP**

AREHNA | Engineering, Inc.  
5004 W. Linebaugh Ave., Suite B  
Tampa, Florida 33624  
Phone 813.944.3464  
Fax 813.944.4959  
Cell 813.758.4465  
[www.arehna.com](http://www.arehna.com)

## **Camp STEAM (Science Technology Engineering Art Math)**

Pinellas County Schools is providing a summer school program for Title I middle school students this at Pinellas Park Middle School and needs our Engineering help! The program is called Camp STEAM and is focuses on Science, Technology, Engineering, Arts and Math. The program Director, Suzanne Hedberg, s looking for Engineers that can volunteer a hour or two (or more) to speak to these middle schoolers. Please read the **attached flyer** and contact Suzanne directly to help out this wonderful program.

Jon Gotwald, K-12 Chair

## **To The Parents of Future Engineering Students**

**Do you have a son or a daughter that is interested in a degree in engineering? Every year your chapter of FES awards many scholarships to future college engineering students. Applications are accepted from High School Seniors that will be entering a University Engineering Program in Fall or Summer of 2012. Applications are also accepted from graduating St. Petersburg College students or any Pinellas County student, already enrolled in an engineering program, continuing in a university engineering program in 2012.**

**For further information please contact:**

**Mahshid Arasteh, PE  
FES Pinellas Chair for the Scholarship Committee  
[americanqualityconsultants@gmail.com](mailto:americanqualityconsultants@gmail.com). "**

## **K-12 Education Account – 50/50 Raffle**

The Florida Engineering Foundation (FEF) is launching our 50/50 online raffle! We are asking all of our partners to support this cause, which will help the FES K-12 Education Account grow, based on the number of tickets you sell. The last raffle grossed over \$17,000 in ticket sales!

### **RAFFLE DETAILS:**

50/50 raffle : (\$20 a ticket or 3 tickets for \$50)

**50% of the funds collected go to one individual winner**

25% of the funds collected going to FEF general corpus account minus any credit card processing fees

**25% of the funds go to the FEF partners that sold the tickets**

Winner does NOT need to be present to win!!

The drawing will be held on Saturday night, August 11, 2012, during the FES Informal Dinner (7:00 pm to 10:00 pm) at the FES/FICE 96th Annual Summer Conference & Exposition at the Hilton Bonnet Creek Hotel in Orlando, Florida.

The online raffle is now online at <http://www.fleng.org/fef/raffle.cfm>

Please click on the link to buy tickets and on the second screen choose **FES K-12 Education** as your **preferred partner** so that you will receive 25% of the purchase price for your FEF account.

The online raffle tickets purchase website will be turned off on midnight, Saturday, August 4, 2012 so we have time to print out all of the tickets.

The Florida Engineering Foundation (FEF) is launching our 50/50 online raffle! We are asking all of our partners to support this cause, which will help the FES K-12 Education account grow, based on the number of tickets you sell. The last raffle grossed over \$17,000 in ticket sales!

If you think hard copies of the raffle tickets would sell better, please contact me and we will make arrangements. Shawn or I will be sending updates at least every two weeks indicating the number of tickets sold and list of buyers by our partners. Please don't hesitate to contact me with any questions or comments.

Sincerely,  
Donna

**Donna Friis, PE** | Structural Engineer | CDM Smith | 2301 Maitland Center Parkway, Ste 300 Maitland, FL 32751 | 407.660.6415 | [FriisDL@cdmsmith.com](mailto:FriisDL@cdmsmith.com) | [cdmsmith.com](http://cdmsmith.com)

### **K-12 Committee Support needed at Florida Association of Science Teachers**

The Florida Association of Science Teachers, Pinellas Chapter, is hosting the FAST Conference this year and will be held at the Tradewinds Island Resort October 25-27, 2012. Our Pinellas Chapter is looking to fill some much needed Conference Breakout Sessions (50 minutes each) with Engineering Presenters. The audience will be educators and administrators from all over the State looking to find better ways to incorporate STEM learning into their classrooms and schools. The K-12 Committee (Jon Gotwald) will be presenting the FES Engineering Power Point, a K-Nex Bridge building team activity and the West Point Bridge Design contest.

We invite **YOU** to help a teacher and make a presentation of how their students can get more excited about the Science of Engineering. The **Call for Conference Presenters** is attached to fill out and return to the FAST coordinator listed on the form. Please help stimulate the interest in Engineering by presenting to this conference of teachers.

If you have any questions, or need to find some example activities or topics, please contact Jon Gotwald at 727-822-4317 or [gotwald@georgefyoung.com](mailto:gotwald@georgefyoung.com).



**Florida Association of Science Teachers  
Call for Conference Presenters  
“STEM-U-Lating Science”**

October 25-27, 2012  
TradeWinds Island Resort, St. Pete Beach, Florida

Each session will last 50 minutes, plus 10 minutes time for set-up. Please complete this form in its entirety. Failure to do so may delay or eliminate your proposal from consideration. Please include contact information for primary presenter only, if there is more than one presenter per session. However, ALL presenters must be registered for the conference.

First name:

Last name:

School/organization:

County:

E-mail address (**required for contact**)

Address:

Phone number:

Names of Additional Presenters:

Title of Session:

Grade Level(s):

Elementary  Middle  High  College  Administration

Strand(s) Addressed:

Life Science  Earth Science  Physical Science  Nature of Science

Room layout requested:

Classroom style (tables and chairs)  Theater style (chairs only)

**PLEASE NOTE: presenters must bring their own laptops and projectors.**

Please attach the following documents:

- 1) Session Abstract. This will appear in the program and is limited to 150 characters (approximately 25 words).
- 2) Description of Presentation. This is limited to 1500 characters (approximately 250 words).

Please email this form, description, and abstract to: grecofosterj@gmail.com by **July 1, 2012**.



Camp STEAM is an opportunity for motivated, energetic middle school students interested in the application of mathematics in a fun and exciting way! Campers and middle school mathematics teachers will interact with community members that use mathematics in their careers on a routine basis. Students will leave the camp with a renewed appreciation of mathematics. Teachers will expand their own knowledge of the subject they teach, and can finally answer the question, "When will we ever use this?"

**Dates:** June 14<sup>th</sup>, June 15<sup>th</sup>  
June 18<sup>th</sup>, June 19<sup>th</sup>, June 20<sup>th</sup>, June 21<sup>st</sup>  
June 25<sup>th</sup>, June 27<sup>th</sup>

**Times:** Session 1: 9:30am to 10:30am      Session 2: 10:30am to 11:30am  
Session 3: 12:30 to 1:45pm                  Session 4: 1:45pm to 3:00pm

**Participants:** 100 middle school students that attend a Title 1 school (Pinellas Park Middle)  
20 middle school mathematics teachers that teach at a Title 1 school

**Location:** Pinellas Park Middle School (located near the intersection of Belcher and Park Blvd.)

Volunteers are needed to present informative and interactive lesson(s) that is a reflection of their careers. The amount of commitment is flexible and appreciated. Participants are subject to a background check.

Please direct all questions to Suzanne Hedberg, Coordinator, Camp STEAM, Pinellas County Schools, (727)588-6309 or hedbergs@pcsb.org

Science

Technology

Engineering

Art

*...inspiring mathematical futures*

Music

Camp STEAM is an opportunity for motivated, energetic middle school students interested in the application of mathematics in a fun and exciting way! Campers and middle school mathematics teachers will interact with community members that use mathematics in their careers on a routine basis. Students will leave the camp with a renewed appreciation of mathematics. Teachers will expand their own knowledge of the subject they teach, and can finally answer the question, "When will we ever use this?"

Below, are some questions you may address if appropriate:

- What does a typical day, week, or year look like for you?
- How do you dress?
- What is the average salary in your field, number of hours, vacation days, or travel?
- What education is required?
- What high school mathematics courses would you recommend?
- Are there particular majors or colleges that specialize in your career?
- Is there a demand for folks entering this field?
- Why did you choose this field?

The format of the presentation is flexible. We can provide a presentation station if you would like—laptop, Internet connection, Smart Board, and projector. If you require additional materials or copies made, please do not hesitate to ask. You may share literature or interactive materials and please allow time for questions. Again, the primary focus is the incorporation of mathematical thinking in your field.

\*\*\* Please keep in mind the students will range in age from 11 years to 14 years old\*\*\*

With deepest appreciation,

Suzanne Hedberg

## **The Basics**

**Civics 101:** The link below takes you to documents to inform you on how the legislative process works.

[http://www.leg.state.fl.us/Info\\_Center/index.cfm?Tab=info\\_center&submenu=-1&CFID=71517664&CFTOKEN=18480605](http://www.leg.state.fl.us/Info_Center/index.cfm?Tab=info_center&submenu=-1&CFID=71517664&CFTOKEN=18480605)

### **Regular Legislative Session**

The Florida Legislature convenes annually in Tallahassee for 60 days beginning the first Tuesday after the first Monday in March. Comprised of 40 Senators and 120 Representatives, the Florida Legislature passes new laws, repeals current laws, and determines the budget for the next fiscal year during the 60 day session.

### **Elected Members**

State House of Representative members are elected every two years to serve a two-year term. State Senate members have staggered four-year terms. This means 20 members are elected during one two-year cycle and the other 20 during the next. However, special elections are held for such reasons as a legislator resigns or decides to run for another office.

Following elections, each chamber (another word for the House or Senate) meets for Organizational Session meetings. At this time, each chamber chooses a presiding officer – the Senate chooses a President and the House chooses a Speaker. The person elected as President or Speaker usually serves two years. Each chamber's presiding officer is usually a senior legislator in the majority party.

All members of the House and Senate are subject to a constitutional term limit of eight years of service.

### **Leadership**

As its Chamber's presiding officer, the House Speaker and Senate President have a tremendous amount of power. The Speaker enforces, applies and interprets the rules of the House. He/she determines all business before the House; makes all bill referrals to committee or to a calendar; reserves the time for committee meetings and selects the chairs and vice chairs of the House committees. Additionally, the Speaker preserves order and decorum in the chamber. Members of the House cannot speak without being recognized by the Speaker.

The Senate President has similar duties on the floor or in his/her Chamber.

Both the Speaker and the President are elected by a majority vote to a two-year term in that position.

## Special Sessions

The Governor has the authority to convene the Legislature for a special session. There is no limit to the number of special sessions the Governor may call in a calendar year, but usually calls for a special session to address a specific issue not resolved during the regular legislative session.

## Committees

The Senate President and the House Speaker assign each legislator to several committees and assign each bill filed to various committees for consideration.

During a committee meeting a proposed bill may receive a hearing. It is at this time that many associations have representatives testify either for or against proposed legislation. The purpose of a hearing can be to:

- Determine the impact of the proposed legislation;
- Seek and obtain information about the proposed legislation;
- Test public opinion;
- Build support for proposals; and/or
- Provide the opportunity for proponents or opponents of the proposed bill to speak.

## Committee Action

Committees can act on the bill in several ways. They can:

1. Give a bill a “favorable report,” which means the committee passed the bill;
2. Give the bill a “favorable report with amendments;”
3. Substitute the bill, which is a form of amending the bill, but the substitute must retain the purpose of the original bill;
4. Temporarily pass or “TP” a bill (this is done if the committee wants to postpone taking a vote on the bill);
5. Indefinitely postpone the bill, which basically kills the bill;
6. Never schedule the bill for a hearing, which kills the bill; and/or
7. Kill the bill by not having a majority of favorable votes for the bill.

On-line Sunshine –

The official internet site of the Florida Legislature is located at: <http://www.leg.state.fl.us/>

If you have any questions, contact Samantha Hobbs at [shobbs@fleng.org](mailto:shobbs@fleng.org) or 850.224.7121.

## Communicating with Legislators

The Florida Engineering Society is working for you, representing your interests before Florida’s legislative and regulatory bodies, but there is no substitute for an aggressive, on-going program of expanding and maintaining engineer-government relationships. That is why YOU, a member, are so critical to our effectiveness. **Member action is key to the success of any association’s legislative program.**

Following are tips for writing letters, telephoning, and meeting with your legislators to discuss issues important to your business and the retail industry.

## General Tips for Effective Communication

1. **Be Understanding** – put yourself in the legislator’s place. Try to understand his/her problems, outlooks and aims. Then you are more likely to better communicate your needs in a way that your legislator understands.
2. **Be Positive and Constructive** – Instead of complaining about a situation, recommend ways to improve it. Commend the positive things you legislators do. Additionally, don’t contact your legislators only when you want their votes. Make efforts to keep in touch with them throughout the year so they become familiar with you and your concerns. Invite them to your place of business or your group meetings.
3. **Be Reasonable** – Recognize that there are legitimate differences of opinion. Your legislators represent all of their constituents- those who agree with you and those who don’t. Never indulge in threats or recriminations.
4. **Be Cooperative** – If your legislators make reasonable requests, assist them by giving them information they need, such as personal examples of how proposed legislation will affect you and other businesses in your district.
5. **Be Realistic** – Remember, most controversial legislation results in a compromise. Don’t expect everything to go completely your way, and don’t be too critical when it doesn’t.
6. **Be Accurate and Factual** – The mere fact that you want or don’t want certain legislation to be approved isn’t enough. If an issue is approved that is unfavorable to you, before rushing to blame the legislators, make certain you have the necessary information to present your case, accurately and clearly, as to why it is bad legislation.
7. **Give Credit Where It’s Due** – When a lawmaker supports your position and votes your way, send a follow-up letter expressing your appreciation. If you are disappointed in a vote, communicate that as well.
8. **Learn to Evaluate Issues** – The introduction of a piece of legislation doesn’t mean that it will become law. Learn the facts of who, what, when and why to make an informed decision as to your position on the legislation.
9. **Stress Local and Personal Implications** – Illustrate how the legislation would affect the health and safety of Florida’s citizens. Always keep the human element in mind, such as the affect of legislation on consumers. It is very important to link your interest with the interests of the average American.
10. **Keep In Touch with Your Association** – Remember, FES serves as your full-time lobbyist. When dealing with your legislators, tell them that you are a member of FES and that we represent you on engineering issues. Inform FES staff about any contacts you make with your legislators, or contact us if we can assist you in your efforts.

### Calling or Writing

Legislators listen to their constituents. A telephone call or letter can be an effective tool for communicating with your legislator. A phone call or email may be particularly effective when there isn’t time to write a letter,

or when immediate action is needed just prior to an important vote. Your input can determine the outcome of a vote.

Constituents' calls and letters typically are directed to the legislator's staff person responsible for that specific issue. Don't be offended if this is the case. Staff members handle issues on a daily basis and will likely be able to provide you additional information and feedback. They will also see that the legislator gets your information.

- **Prepare Your Message Ahead of Time**

Know what you want to say, and what your position is on the issue. If your call is about a specific bill, refer to it by name and bill number and describe its subject matter. This information can be provided to you by FES.

- **Keep the Message Simple**

State your name and your purpose for calling. Mention if you have had previous contact with the legislator, then get to the point.

- **Give Local Examples**

Refer to specific facts and figures related to how this legislation would impact your business or the health and safety of Florida's citizens, bringing the issues "home" to the legislator. This communicates why the issue is important to you or your legislative district.

### **Meeting with Your Lawmakers**

The best place to meet with your legislators is in their home districts. These meetings are an opportunity for you to introduce your company in a neutral setting away from the heat of the legislative battle.

Once a meeting date has been set, follow up with a confirmation letter to the legislator and a copy to the legislator's staff contact. After the meeting, follow up with a thank you letter to your legislator and again, copy the staff contact.

On some occasions, a legislator may be unavailable to meet with you and will arrange for you to speak with a staff member who handles the issue. This is still a very good opportunity for you to voice your opinions, and you can be assured that the staff member will pass along information about your discussion to the lawmaker.

- **Introduce Yourself**

Even if you've met before; state your name, company name, and business location.

- **Respect the Legislator's Time**

Get to the point of the visit as soon as possible.

- **Know Your Issue**

State your purpose for meeting with the legislator clearly and concisely at the beginning. Do not mislead. Do not discuss a topic that may get you or others in your industry into trouble. If you are unsure of an answer to a question raised by the legislator, simply indicate that you will get back to him/her with a response at a later time. Be specific; refer to legislation by bill number and subject matter.

- **Keep the Tone Positive and Constructive**

Make it easy for your lawmaker to support your position by giving good reasons to do so. An explanation of how the issue would help the people in his/her district can be a powerful way to illustrate a point.

- **Leave Fact Sheets**

Leave the legislator or a staff person with printed information after the meeting. FES can assist with this effort.

**Addressing Letters to Your Legislators**

Note: Unless you know your legislators on a personal level, it is always best to address them using their last names with the proper salutation and their complete address. Regardless of whether you are writing to a legislator at his/her Capitol or district address, you would address the legislator the same way.

TO A STATE SENATOR:

The Honorable \_\_\_\_\_ (name) \_\_\_\_\_  
Florida Senate  
Address  
City, State, Zip

Dear Senator \_\_\_\_\_ (name) \_\_\_\_\_:

TO A STATE REPRESENTATIVE:

The Honorable \_\_\_\_\_ (name) \_\_\_\_\_  
Florida House of Representatives  
Address  
City, State, Zip

Dear Representative \_\_\_\_\_ (name) \_\_\_\_\_:

---

**For More Information...**

If you have any questions about legislation or state government,  
call the Florida Engineering Society toll free at  
1-800-277-0086 or visit the FES web site at

[www.fleng.org](http://www.fleng.org)

The following web site is also an excellent resource  
for  
additional legislative and state-government  
information:

[www.leg.state.fl.us](http://www.leg.state.fl.us)

## FES... The Week In Review.

Click [here](#) to read the full issue of Wednesday's *EngiNews*.

- **2012 FES Awards Program** – [Applications & Deadlines](#)
- **Are you smarter than a MATHCOUNTS student?** – [Test your knowledge](#)
- **2012 PE Legislative Days** – [Let your Voice be heard during FL's Legislative Session](#)
- **96<sup>th</sup> Annual FES/FICE Annual Summer Conference & Exposition** – [August 8-11, 2012 - Orlando](#)

## The following information has been distributed college-wide.

Staff and Faculty at the Clearwater and Gibbs Campuses have given us great feedback on the activities that FES members have been involved in recent months and look forward to many more good things from each of us.

Seminole Beacon Newspaper, Featuring MR Chuck Warrington, PE  
[http://www.tbnweekly.com/content\\_articles/032712\\_fpg-01.txt](http://www.tbnweekly.com/content_articles/032712_fpg-01.txt)

SPC Student Chapter, legislative meetings in Tallahassee  
<http://www.spcollege.edu/blueandwhite/?p=4332>

Energy Forum Video : The Role of Efficiency and Renewables and How They Affect YOU  
<http://www.youtube.com/watch?v=u1M6BXznFOk>

FES Student chapter members to showcase MathCounts at the Service Learning Expo on April 18  
<http://www.spcollege.edu/blueandwhite/?p=4339>

# Y o u r F E S P i n e l l a s C h a p t e r N e w s l e t t e r S p o n s o r s

To advertise in the FES Pinellas Chapter Newsletter (12 issues for only \$50), contact Chapter Treasure Mahshid Arasteh at [mdarasteh@yahoo.com](mailto:mdarasteh@yahoo.com) or (727) 543-1458



Improving  
Quality of Life

[www.jonesedmunds.com](http://www.jonesedmunds.com)  
1.866.827.3653

**JONES  
EDMUNDS**  
ENGINEERS | ARCHITECTS | SCIENTISTS



**Clearwater Gas System**  
Providing Community Service since 1923  
NATURAL & PROPANE GAS • COMMERCIAL & RESIDENTIAL

711 MAPLE STREET • CLEARWATER, FL

Water Heating • Clothes Drying  
Ranges • Pool & Spa Heating  
Heating • Fireplace Logs

**(727) 562-4900**

gotGAS?  
[www.clearwatergas.com](http://www.clearwatergas.com)  
Serving the area from SR 688 north to SR 52 in Pasco County



**Cardno  
TBE**

Shaping the Future

380 Park Place Blvd., Suite 300  
Clearwater, FL 33750  
**800.861.8314**    [www.CardnoTBE.com](http://www.CardnoTBE.com)



**URS Corporation**

providing  
solution  
variety

Bay Area Location:  
7650 Courtney  
Campbell Causeway  
Tampa, FL 33607  
813-286-1711  
[www.urscorp.com](http://www.urscorp.com)



**LAN** Lockwood, Andrews  
& Newnam, Inc.  
A LEO A DALY COMPANY

[www.lan-inc.com](http://www.lan-inc.com)

**Building Relationships** | **Delivering Solutions**

Planning • Engineering • Program Management

Since 1935

Daniel Glaser, PE • 813.288.8221 • [DEGlaser@lan-inc.com](mailto:DEGlaser@lan-inc.com)