

ENVISION

APRIL 2005 ENGINEERS JOINT LUNCHEON

DATE: Tuesday, April 19, 2005
LOCATION: Ramada Inn- Mandarin
3130 Hartley Road (904-268-8080)
(1-295 & State Road 13)
Jacksonville, FL 32257
TIME: 11:30 AM Registration/social time
12:00 - 12:30 PM Lunch
12:30 - 1:15 PM Program
TOPIC: Superior Engineering Education to Drive
Economic Development in NE Florida
A talk about the future of engineering
education of North Florida
SPEAKER: Dr. Stephan Nix-Director, Division of
Engineering, University of North Florida
COST: (*) \$14.00/person; \$16.00 for walkups
MENU: Chicken Pecan, Green Beans Almondine,
Red Bliss Potatoes, Ice Cream Parfait, Rolls,
Butter, Coffee & Tea
HOST:
RESERVATIONS: Lacy Shaw, E.I., by Thurs. April 14, 2005
Connelly & Wicker, Inc.
Phone 904-222-2047 or
e-mail: lshaw@cweng.com
Reservations must be guaranteed
"no shows" will be billed for the cost.

(*) FES will underwrite the cost of the luncheon for student members.

NEXT EXECUTIVE COMMITTEE MEETING

Date: Wednesday, April 13, 2005
Time: 11:45 AM-1:25 PM

Location: Prosser Hallock (13901 Sutton Park Drive
South, Suite 200 – just north of JTB and east of Hodges
Blvd.)

Sandwiches will be available at a nominal fee. Please RSVP to: Laura Gurule at 904-731-7040. Meetings usually are held on the second Wednesday of the month and start at 11:45 AM.

PRESIDENTS MESSAGE

MATHCOUNTS

Congratulations to all Mathletes who participated in this year's MATHCOUNTS competition. Twenty-five schools and 151 students competed, and our Chapter sent the top three schools and top four individuals to the State competition in Orlando. Look for details and the final standings inside this issue. A special thanks to all sponsors and volunteers including Co-chairs John McEvoy, PE and Dan Charletta, PE.

NEW MEMBERS

Welcome to the following new members who joined the Northeast Florida Chapter:

Timothy Ish, PE; Taylor Engineering;
Sponsor – Michael Whelan, PE
Dr. Stephan Nix, AS; University of North Florida;
Sponsor – Terry Hull, PE
David Sweeney, PE; Reynolds Smith and Hills;
Sponsor – Richard Wallace, PE
Raymond Vogel, PE; NSPE Transfer

2005-06 OFFICERS

Our Chapter has formed a nominating committee, chaired by Don Ditzenberger, PE, to identify a new slate of officers for our 2005-06 year. If you want to nominate yourself or a fellow Chapter member, please contact Don or me.

BY-LAW CHANGES

At our May lunch meeting we will vote on proposed Chapter by-law changes in *Article IV – Committees* to give our officers more flexibility organizing committees. The changes comprise replacing Section 1 with:

The President, with the approval of the Executive Committee, shall create, dissolve, and assign duties to as many committees as it deems necessary to conduct the affairs of the Chapter.

and deleting Sections 3 and 4. These changes are consistent with the language in the State Society By-Laws.

UNF CCEC SYMPOSIUM (CONTINUED)

Inside, look for information on UNF's 3rd Annual CCEC Symposium and Career Showcase hosted by the students in the College of Computing, Engineering, and Construction. This event – merging students, professionals, and the general public interested in computing, technology, engineering, and construction management – provides, among many activities, an excellent opportunity for employers to advertise for and identify outstanding recruits. I have been impressed with the UNF students and graduates I have worked with – both those I have met through FES activities and those employed with our firm. I encourage any engineering firm looking for bright, well-educated employees to consider UNF students.

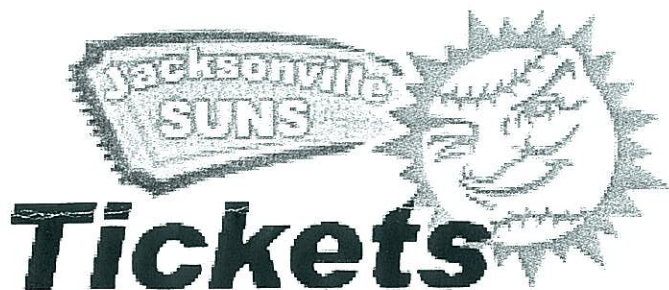
Terry Hull, President

JACKSONVILLE SUNS GAME

Society of American Military Engineers (SAME) members, friends, co-workers, etc. are all invited to attend our annual Suns picnic and baseball game. Come out to the **Baseball Grounds of Jacksonville** (a great facility open for the 3rd season) for a picnic, baseball game, and a good time. See the Suns, who are the AA team for the Los Angeles Dodgers, play the Mississippi Braves.

SATURDAY MAY 7th
Picnic starts 6:00 PM
Game begins 7:05 PM

One Hour "All-You-Can Eat" includes hot dogs, hamburgers, popcorn, ice cream, soft drinks, and (for Adults) cold beer. Starts one hour before game time and lasts until game time.



Tickets are \$12 for Jacksonville Post SAME members and spouses, \$6 for Jax Post SAME members' children (age 3-21), and \$22 for other Adults and \$17 for other children. Price includes the one-hour pre-game picnic and a reserved seat ticket. Kids 3 and under are free.

In order to receive tickets at SAME member or dependent price, ***please provide SAME member number at time of order.***

Tickets must be purchased by WED April 20th with check (made out to SAME) or cash from: Lee Merrill at Navy Public Works Center Jacksonville (542-3991, ext. 2600) Russ Weeks at Corps of Engineers (232-1159)

Ticket orders and checks may also be mailed to:

Lee Merrill
1586 Bristol Pl.
Orange Park, FL 32073-5270

Actual tickets will be distributed between May 2nd – 6th or can be left at "Will Call" for game day pickup. ***Please annotate your order with your preference.***

LOCAL UPCOMING ACTIVITIES

<u>Date</u>	<u>Host</u>	<u>Activity</u>
04/19/05	ASCE	<u>Joint Luncheon</u>
05/17/05	FES	<u>Joint Luncheon</u>
06/22/05	FES	Officer Installation
06/21/05	SAME	Luncheon
07/??/05	SAME	Officer Installaton
08/20/05	SAME	Family Picnic

SYMPOSIUM

UNF College of Computing, Engineering, and Construction
3rd Annual CCEC Symposium and Career Showcase
UNF Campus
10:00 AM - 5:00 PM, Wednesday, April 13, 2005

Members of the Northeast Florida engineering community are cordially invited to participate in the University of North Florida's 3rd Annual CCEC Symposium and Career Showcase hosted by the students in the College of Computing, Engineering, and Construction. The event will take place on Wednesday, April 13, 2005, from 10:00 am to 5:00 PM. The Symposium is targeted at students, professionals, and members of the general public interested in information technology and computing sciences; civil, electrical, and mechanical engineering; and building construction management.

The event will be held at the Andrew A. Robinson Student Life Center (Building 14) and nearby areas on the UNF campus. Food and refreshments will be provided. There is no parking fee if you pre-register. The Symposium will include the following:

- Displays from employers in engineering, information technology, and building construction management.
- Presentations and posters from CCEC students and faculty research and design projects. (A CD containing papers describing these projects will be available.)

- Lectures from prominent guest speakers from industry, academia, and government.

We have space for approximately 40 employers to display information about their organizations, including job opportunities. UNF students want to know about your organization, and we are sure you will be impressed with UNF students. We ask that participating employers make a donation to offset the cost of the Symposium. There are two levels of support:

- **\$500 Corporate Sponsor** - Your company logo will be prominently displayed at the event, on all promotional material, and in the program; and space will be provided for your company's display materials.
- **\$200 Supporter** - Your company name will be listed in the program and space will be provided for your company's display materials.

Contact Dr. Steve Nix, Director, UNF Division of Engineering (904-620-1390 or snix@unf.edu).

UNF STUDENT CHAPTER of FES CONDUCTS "ORDER of the ENGINEER" INDUCTION CEREMONY

This is an excellent opportunity for the parent chapter and student chapter of the Northeast Florida Chapter of the Florida Engineering Society to further strengthen their networking bonds. The University of North Florida's Student Chapter of FES will once again be conducting an "Order of the Engineer" Induction Ceremony. The "Order of the Engineer" is an independent organization, which began at Cleveland State University in 1979 and has spread nationwide. There are no meetings to attend and no dues to pay. Its purpose is to foster the *"development of pride in the profession of engineering, and the upholding of the standard and dignity of the profession"*. The Order is symbolized by the acceptance of an "Obligation" and the wearing of a stainless steel ring on the little finger of the working hand. More information on the "Order of the Engineer" can be obtained by visiting their website at www.order-of-the-engineer.org.

This year's ceremony will be held at 7:00 PM on April 14th, during the Engineering Department's Senior Dinner. The student chapter of FES is organizing the entire event. It would be ideal to have some professional engineers support the student chapter and participate in both the dinner and the ceremony. The cost of the evening is \$20 per inductee and \$10 per guest. Space is limited, so please email Reen Foley, the president of the student chapter, at reen@usa.com by April 4th 2005 if you are interested.

MATHCOUNTS 2005 COMPETITION! (LOCAL)

Twenty-five teams of 6th, 7th, and 8th grade students (mathletes) representing eight counties in Northeast Florida competed in the 23rd annual regional Mathcounts competition on **Saturday, February 26, 2005, at University Center on the campus of the University of North Florida.** MATHCOUNTS is a national program and competition that promotes mathematic excellence in our middle schools. The Northeast Florida Chapter of the Florida Engineering Society organized the regional competition.

The final individual standings for the 151 competitors were:

- 1st Place Chris Pinto, Darnell Cookman Middle School
- 2nd Place Dan Hollister, Orange Park Junior High School
- 3rd Place William Kaczmarek, R.J. Murray Middle School
- 4th Place Tyler Reed, Darnell Cookman Middle School

The final school standings for the 25 teams were:

- 1st Place Orange Park Junior High School,
Coach: Chris Neal
- 2nd Place James Weldon Johnson Middle School,
Coach: Jean Spiwak
- 3rd Place Lakeside Junior High School, Coach:
Trudi Lawless
- 4th Place Switzerland Point Middle School,
Coach: Deborah Robbins

The Northeast Chapter FES sent the top three schools and top four individuals to the state competition held in Orlando on Friday, March 11th. The Mathletes and coaches represented the Northeast Florida Chapter very well at the state competition.

THANK YOU to the following volunteers who made this year's Mathcounts competition a great success:

John Allison, Cindy Andrews, Dan Blaydes,
Brian Braddock, Victor Calvert, Cheyenne Cazalas,
Dan Charletta, Flonia Chandra, Ravi Chandra,
Austin Chapman, Andy Cummings,
Don Ditzenberger, Michael Dvorcnaic,
Roy Dynesius, Daniel Eisman, Michael Freeman,
Ann Garrett, Michael Gibson, Kristen Giordano,
Josh Gordon, Monirul Haque, Kristin Hersey,
Mike Hersey, Terry Hull, Mike Jackson, Jess Jacob,
Jonathan Jenkins, Sally Jermany, John Johnson
Sanya Johnson, Sandy Johnson, Scott Johnson,
Hunter Kelly, Mike Koslaw, Bob Kosoy,
Mike Kovacs, Jason Lui, Sevan Mehrabain,
John McEvoy, Tom McVey, Mark Mongeau,
Frank Morrison, Brian Mullins, Louis Oliveira,
Edwin Rich, Wilfredo Rviz, Sandy Sarji,
Lacy Shaw, Jennifer Short, Rico Simmons,
Vandana Srinivas, James Talley, Jade Talley,
Shannon Winebarger, Jeanette White, Aaron Zegel

The following companies have earned a gigantic THANK YOU for their financial support of the FES Northeast Chapter's 2005 local Mathcounts competition:

Platinum Sponsors

Vistakon, Ellis & Associates, Inc.

Gold Sponsors

Bessent Hammack & Ruckman, Inc.,
HDR Engineering, Inc., MACTEC,
Parsons Transportation Group, Prosser Hallock,
Taylor Engineering, Inc.

Silver Sponsors

Connelly & Wicker, Inc., GAI Consultants, Inc.,
GMAK, LLC, Reynolds Smith & Hills, Inc.

Bronze Sponsors

Auld & White Constructors, Inc.,
S. Johnson Consultants, Inc.
Structures International, LLC

**MATHCOUNTS 2005 COMPETITION
(STATE)**

**FLORIDA ENGINEERING SOCIETY ANNOUNCES
STATE MATHCOUNTS COMPETITION WINNERS**

Orlando, Fla. — The Florida Engineering Society (FES) held its 23rd annual state MATHCOUNTS competition, March 11, 2005 in Orlando, Florida. The competition, in which over 245 students participated, produced a team of four middle school Mathletes® and their coach to represent Florida at the MATHCOUNTS National Competition in Detroit, Michigan, May 5-8, 2005. The students and coach are: Karlanna Lewis, Fairview Middle School, Tallahassee; Michael Banaszek, Howard Bishop School, Gainesville; Philip Bauer, Safety Harbor Middle School, Safety Harbor; Brynmor Chapman, Maclay Middle School, Tallahassee and Coach Terry King, Fairview Middle School, Tallahassee.

Each team member has trained since the fall and competed in local competitions to earn his/her spot on the state team. The Florida Engineering Society awarded top teams and individuals with trophies and scholarships at the state competition, and will send the top four on an all-expense-paid trip to Detroit. At the national competition, these top Mathletes® will compete both as a team and individually for the chance to win more trophies, scholarships and trips to U.S. Space Camp. In order to earn the title "National Champion" or "National Team Champion", individuals and teams will have to outscore 228 competitors from 57 territories representing all 50 states, the District of Columbia, U.S. territories and Department of Defense and State Department affiliated schools.

Florida Engineering Society, representing over 4,000 professional engineers throughout the state, advances the

public welfare and promotes the professional, educational, social and economic interests of the engineering profession. Florida's MATHCOUNTS mission is to actively encourage and stimulate interest in mathematics for Florida's 6th, 7th, and 8th grade students in both public and private schools, with the ultimate goal being to spark students' interest in mathematical, engineering and technical fields that will, in effect, increase the likelihood that the students will pursue careers in these all important areas of today's technologically advanced society.

FES would like to thank its 2005 MATHCOUNTS state sponsors: Post, Buckley, Schuh & Jernigan, Publix Super Markets Charities, Collinsworth, Alter, Nielson, Fowler & Dowling; Gulf Power Foundation; Miller Legg, WilsonMiller, and Figg Engineering Group. In addition, FES would like to extend their gratitude to Peoples First Community Bank in Tallahassee for its donation of goods and to the Orlando Magic for hosting a "game night" for all Mathletes® in which they recognized the top students on center court during halftime of the Orlando Magic vs. Minnesota Timberwolves game on the evening of Friday, March 11th.

For additional information on the Florida Engineering Society or the MATHCOUNTS program, please visit www.mathcounts.org; www.fleng.org or call Dee Kring, CMP, FES Director of Member Events, at 850/224-7121.

ENGINEERS WEEK AWARDS BANQUET

National Engineers Week culminated on Saturday, February 26 with the 2005 Awards Banquet at The Radisson, located along the south bank Riverwalk. This year's E-Week committee chair, Denise Henkes, from Stone, Joca & Mahoney moderated the event. The golf tournament corporate sponsors were recognized and thanked for making 19 scholarships possible and the E-Week Presenting Sponsors were recognized in the program and by Ms Henkes.

The highlight of the evening was the 2005 Annual Awards Presentations. The winners were:

Engineer of the Year - Joseph Varon, P.E., The Haskell Company

Young Engineer of the Year - John A. Krudwig, P.E., Krudwig & Associates

Technician of the Year - Lee Varn

Professor of the Year - Daniel J. Cox, Ph.D., University of North Florida

Teacher of the Year - Kathleen M. Poe, Fletcher High School

After Joe Varon was named Engineer of the Year, he read the following comments titled "On Being an Engineer".

(continued)

ON BEING AN ENGINEER:

I consider it a significant honor to have been nominated for Jacksonville's "Engineer of the Year" and I've recently found myself reflecting on why being an Engineer is so important to me.

Quite a few years ago, at a cocktail party, one of my brothers (who is a musician) said to me, "Joe, I know you're an Architect, but I really don't know what you actually do." Of course, I corrected him, reminding him that I was a Structural Engineer, not an Architect, and proceeded to describe the kinds of things that I did in my day-to-day profession. After a few minutes, his attention started to drift away. What I do - what we do - as Engineers wasn't very engaging, at least not in cocktail hour conversation.

I probably could have captivated him and some other people there, with accounts of "famous failures", like the Tacoma Narrows Bridge and the Kansas City Hyatt Regency walkway collapse.

But, even though what we do everyday doesn't capture the imagination and attention of our non-technical friends and family, it definitely is fascinating to us, and when we talk about our activities with our colleagues, they don't drift away after a few minutes.

Why is this? I personally believe that being an engineer is more than a job, more than a profession. It's a comprehensive way that we approach our life and experience our world. Our identity and personality are shaped by the very innate capabilities that make us successful as Engineers, such as the ability to visualize ideas in three or four dimensions, the ability to recognize and utilize the scientific order that surrounds us and the ability to be intrigued and amazed by the possibilities beyond that which we do comprehend.

My wife chides me (lovingly) at once being distracted by the gears under a lift bridge as we cruised one night on a romantic boat trip. Sometimes, during a symphony, I'll be thinking about how all those molecules of air transmit such complex vibrations throughout the hall to everybody's tiny eardrum.

So, when I look at a complicated building and "see" member stresses and failure modes along with the Architectural expression, does it add to or detract from my experience? I'm not really sure but, for me, it's who I am and how I think. And I am immensely grateful for having this perspective

I've often toyed with a self-analysis type of exercise in which a person would write down 50 or 100 nouns that describe him, words like Human, Floridian, Football Fan, etc. Then he would slowly prioritize and eliminate words until it is distilled down to the most important five. I know, for me, the final group would include, along with Husband and Father, the word Engineer.

Joe Vanon, P. E.

After the awards, Mark L. Mongeau, P.E., Vice President of Ardaman & Associates, Inc. in Orlando and current State President of the Florida Engineering Society, provided the keynote address. Mr. Mongeau highlighted the accomplishments of engineers and how the most important thing we do is earning the public's trust. He emphasized that our technical accomplishments and expertise are well known and respected, but unlike attorneys and doctors, we are not well represented in political positions. He felt that most boards and government would be well served by engineers and asked "Why not us?"

EXTREME ENGINEERING

Mike Lithman suggests accessing:

<http://encarta.msn.com/encnet/departments/elearning/?page=enquiz&Quizid=145>

I did, take a look.

**FLORIDA ENGINEERING SOCIETY
FLORIDA INSTITUTE OF CONSULTING ENGINEERS**
Legislative Issues 2005 Session

The following is an overview of the major issues that FES/FICE will be actively involved in during the 2005 Session. For more information, contact Frank Rudd, Executive Director at 1-850-224-7121 or frudd@fleng.org.

Consultant's Competitive Negotiation Act- Established in 1973, the CCNA statute has been a model around the Nation on how services for design professionals are procured by Government Entities. HB 601 and SB 1784 make a few changes to the definitions in 287.055 F.S., and update the Act to reflect procurement methods in place today.

Tort Reform- There is growing sentiment within the political leadership in Florida to look at ways to provide relief to businesses and professionals against the increase in litigation and higher liability insurance. FES and FICE are working with two coalitions to further this effort: The Florida Justice Reform Institute and the Florida Coalition for Legal Reform. FICE is also working with other professional organizations to specifically look at relief against litigation for mold claims.

Sinkhole Investigation Reports- HB 365 and SB 2536 have been filed to require licensed Professional Engineers contracted to conduct sinkhole investigations of property to file an investigation report with the clerk of court if a sinkhole is present. FES and FICE are working with the sponsors of these bills to show them the potential problems and liabilities if they become law and find alternate ways to protect the home buying consumer.

Relating to Tax/Substitute Communications System- HB 49 and SB 818 will repeal the state's onerous Substitute

Communications Tax that could require households and businesses to pay up to 14% on networked computers, phone systems, intercom paging systems and two-way radios.

Growth Management/Building Code Issues- Your association is keeping a close eye on several bills that deal with Growth Management and the Florida Building Code. Our goal is to make sure that Professional Engineer's concerns are addressed and they have fair representation on Florida Building Commission.

Trust Funds- FES and FICE continue to have concerns relating to the raids of various trust funds, including the Transportation Trust Fund. These funds have been dedicated to funding specific projects and we do not need to mortgage our future to balance our budget today. FICE also continues to work with the Floridians for Better Transportation to look at ways to increase funding for Transportation in Florida, to keep us from falling further and further behind in keeping up with Florida's growing population.

Constitutional Amendment Reform- Florida's ballot initiative is broken and needs to be fixed. FES and FICE support legislation that will assist in eliminating the special interest influence and their financing of the initiative process. The goal is to improve the threshold for passage of amendments, pass a no hidden taxes provision and crack down on petition fraud in the signature collection process. The legislature made a few small steps last year and we hope they will continue to work on this crucial issue to Florida.

Conservation and Environmental - Quality Committee (CEQ)

Water Supply Development Legislation

The CEQ Committee is closely following legislation intended to provide regulatory and economic incentives for the development of alternative water supplies. Senate Environmental Preservation Committee Chair Paula Dockery has filed SB 440 and SB 444 to address this issue. House Water and Natural Resource Committee Chair Donna Clarke has file PCB WNR 05-02.

TMDL Legislation

The CEQ Committee is closely following TMDL legislation which was discussed with DEP during the 2/24/05 CEQ meeting. Members of the CEQ committee are generally in favor of the TMDL legislation as presented by DEP. Senator Dockery currently intends to use SB 444 as a vehicle for both water supply development and TMDL legislation. Representative Clarke has filed PCB WNR 05-01 in the House.

Professional Geologists Legislation

House Bill 1289 by Representative Stan Jordan would clarify that Professional Geologists could sign and seal "documents and reports submitted in connection with" a "permit application or regulated activity" as defined in Chapter 373, F.S. A representative of CEQ who also serves on the FES [professional concerns committee] helped negotiate the

language contained in HB 1289 during a meeting held with representatives of geologists and water management districts. The companion legislation is SB 1988 which will be amended to conform to HB 1289.

Springshed Protection

The CEQ committee opposes HB 1185 by Representative Dwight Stansel and the companion legislation, SB 2368 by Senator Nancy Argenziano relating to springshed protection. This legislation has not yet been heard in committee.

Wetlands Permitting

CEQ members support SB 1730 by Dockery and the companion legislation, HB 759 by Representative Trudi Williams. This legislation is intended to improve Florida's chances of obtaining programmatic delegation of Federal wetlands permitting from the US Army Corp of Engineers. SB 1730 unanimously passed the Senate Environmental Preservation committee on March 21. HB 759 is scheduled to be before the House Environmental Regulation Committee on March 23.

Ordinary High Water Line

HB 1369 by Representative Jack Seiler, SB 2104 by Senator Skip Campbell, and SB 1954 by Senator Bill Posey are all attempts to codify in law the results of a recent circuit court decision in Brevard County which affirmed traditional case law concerning the location of the ordinary high water line, which is the legal boundary between public and private lands adjacent to navigable waters in interior, non-tidal areas.

FLORIDA CHAPTER NEWS-APRIL - 2005

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 1st, 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 or contact Janice Faulk, Member Services at 850-224-7121.

CONTINUING EDUCATION NEWS

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

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 PDH's 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 information is available at www.fleng.org.

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

OTHER 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.

Chapter Officers – We need your assistance!

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 Kelly Jones, 850-224-7121 or kelly@fleng.org, by March 25, 2005.

FES Announces Plans for 2005 Leadership Conference

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

Additional 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, CMP, Director of Member Events at 850/224-7121 or dkring@fleng.org.

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 TableTop Exhibit in Designated Area
- * Four slides to be shown during 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 slides to be shown during reception and award breakfast.

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.

Questions?

For sponsorship and advertising opportunities, please contact Debbie Hall or Kathy Roland at 850-224-7121 or E-mail fes@fleng.org. To download the complete sponsorship and exhibitor form, go to www.fleng.org.

STATE CALENDAR OF EVENTS

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

April 2005

- 5-7th FES/FICE Leadership Institute, Tallahassee
- 6th FES Board of Directors Meeting, Tallahassee
- 6th FPEI Governor's New Product Award Ceremony, Tallahassee
- 6-7th 2005 FES/FICE Legislative Forum, Tallahassee
- 7th FICE Board of Directors Meeting, Tallahassee
- 10-13th ACEC 2005 Annual Convention, Washington, D.C.
- 14th Scholarship Committee Meeting in Orlando, Ardaman & Associates
- 14-15th 2005 GMEC Conference, Hilton Orlando/Altamonte Springs
- 18-19th FICE/FDOT Pond Design, Renaissance Resort, St. Augustine

May 2005

- 9-12th FICE/FDOT Roadway Design Training Exposition, Hotel Orlando North, Orlando
- 25-26th FICE/FDOT Consultant's Conference, Hyatt Regency Orlando Airport, Orlando

Future Events - Mark Your Calendar:

Annual Summer Conference & Exposition –
"Foretelling Florida's Future"
August 3-6, 2005
Marriott Resort & Spa, Marco Island

NORTHEAST CHAPTER**OFFICERS**

President: Terry Hull, PE W: 904-731-7040
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 Pres. Elect: Andy Cummings, PE W: 904-249-7995
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 Treasurer: Doug Davis, PE W: 904-739-3655
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 Secretary: Mike Woodward, PE W: 904-396-5173
 e: mbwoodward@mactec.com F: 904-396-5703
 State Dir.: Mark Mechling, PE W: 904-880-0960
 e: mmehling@ellisassoc.com F: 904-880-0970
 FES TALLAHASSEE OFFICE P: 800-277-0086
 F: 850-222-4349

COMMITTEE CHAIRPERSONS**Activities:**

Mike Hill, PE W: 904-880-0960
 e: m.hill@ellisassoc.com F: 904-880-0970

Annual Meeting Steering Committee:

Andy Cummings, PE W: 904-249-7995
 e: acummings@cweng.com F: 904-241-1126

Awards:

Mike Lithman, PE W: 904-880-0960
 e: m.lithman@ellisassoc.com F: 904-880-0970

Communications:

Dan Holmes, PE H: 904-287-9750
 e: myrtdan@aol.com F: (Phone First)

Commission on Legislative and Government Relations:

Mike Hersey, PE W: 904-733-9119
 e: mhersey@CH2M.com F: 904-733-9570

Conservation and Environmental Quality:

Neil Aikenhead, PE W: 904-642-7654
 e: aik@consultaik.com F: 904-642-7658

Directory/Historian:

Don Ditzenberger, PE H: 904-743-6946

Ethical Practices:

Doug Ayres, PE W: 904-390-2007
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PE/EI Review Course:

Bruce Myhre, PE W: 904-363-6100
 e: BEMyhre@pbsj.com F: 904-363-8811

Engineers Week:

Ken Loeffgren, PE, RRC W: 904-213-0034
 e: kloefgren@stafford-usa.com F: 904-213-0036

Local Seminar:

Stephanie Setser, PE W: 904-396-5173
 e: sasetser@mactec.com F: 904-396-5703

Mathcounts:

John McEvoy, Jr., PE H: 904-280-4678
 e: jmcevoy@comcast.net F: (Phone first)
 Dan Charletta, PE W: 904-296-2646
 e: dcharletta@structuresintl.com F: 904-296-8846

Membership:

Michael P. Whelan, PE W: 904-731-7040
 e: mwhelan@taylorengeering.com F: 904-731-9847

Scholarship:

Doug Davis, PE W: 904-739-3655
 e: DDavis@ProsserHallock.com F: 904-730-3413

Student Professional Development:

Dan Blaydes, PE W: 904-880-0960
 e: d.blaydes@ellisassoc.com F: 904-880-0970

Professional Concerns Committee:

Scott Johnson, PE W: 904-721-1888
 e: Scott@SJCEngineers.com F: 904-721-8464

Professional Development Committee:

Ernie Frey, PE W: 904-981-0018
 e: ern_frey@bellsouth.net F: 904-981-0143

Nominating Committee:

Don Ditzenberger, PE H: 904-743-6946

FLORIDA PRACTICE SECTION LIAISON:**Professional Engineers in Government:**

Kenneth D. Scher, PE H: 904-824-7873
 Scherk@aol.com F: (Phone First)

Engineers in Education:

Joe Campbell, PE W: 904-620-1390
 e: jlcampbe@unf.edu F: 904-620-1391

Engineers in Industry:

Gene Tonn, PE W: 904-714-7166
 e: gtonn@smurfit.com F: 904-714-7182

Engineers in Construction:

David Boree, PE W: 904-388-2696
 e: dboree@wwgmc.com F: 904-389-4901

Institute of Consulting Engineers:

Frank Wilson, II, PE W: 904-398-8636
 e: frank@fwilson.com F: 904-398-2968

STUDENT CHAPTER REPRESENTATIVE:**University of North Florida**

Dr. Mike Jackson, Ph.D., PE W: 904-307-0845
 e: njackson@unf.edu F: 904-620-1391

Reen Foley, Student President H: 904-713-8640
 e: reen@usa.com C: 904-504-6998

Jacksonville University

Dr. Bashir A. Sayar, Ph.D. W: 904-256-7325
 e: bsayar@ju.edu F: 904-256-7358
 Jennifer Short, Student President W: 904-307-6653

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ENVISION

APRIL 2005 ENGINEERS JOINT LUNCHEON

DATE: Tuesday, May 17, 2005

LOCATION: Ramada Inn- Mandarin
3130 Hartley Road (904-268-8080)
(1-295 & State Road 13)
Jacksonville, FL 32257

TIME: 11:30 AM Registration/social time
12:00 - 12:40 PM Lunch
12:40 - 1:00 PM Program

TOPIC: Iraqi Electrical Reconstruction
SPEAKER: Major Erik Stor, US Army Corps of
Engineers-Deputy District Engineer

COST: (*) \$14.00/person; \$16.00 for walkups
Make checks payable to FES

MENU: Sliced Roast Pork Loin, Roasted Potatoes,
Steamed Broccoli, and Layered Lemon Cake

HOST: FES

RESERVATIONS:
Make by Thursday, May 12, 2005
Call Cindy Close at 904-249-7995 or
E-mail: cclose@cweng.com
Reservations must be guaranteed,
"no shows" will be billed for the cost.

(*) FES will underwrite the cost for student members.

NEXT EXECUTIVE COMMITTEE MEETING

Date: Wednesday, May 11, 2005
Time: 11:45 AM-1:25 PM

Location: Prosser Hallock (13901 Sutton Park Drive South,
Suite 200 – just north of JTB and east of Hodges Blvd.)

Sandwiches will be available at a nominal fee. Please RSVP
to: Laura Gurule at 904-731-7040. Meetings usually are held
on the second Wednesday of the month and start at 11:45 AM.

PRESIDENTS MESSAGE

FES is one of two growing NSPE state societies in the country. One key reason for our success is our effective, hard working staff in Tallahassee. In fact, we are one of only a few NSPE state societies with a dedicated, full-time staff. Their efforts were evident at the FES/FICE Legislative Forum in early April. Our staff, with support from our lobbyist and legal counsel, continues to promote and defend the professional interests of Florida engineers through, among other activities, a strong and productive interaction with legislators. At the Forum, staff impressed me with their knowledge of many issues affecting our profession as they prepared us for our meetings with legislators (also set up by staff). Some of the issues/bills involve communications tax, requirements for sinkhole reports, growth management, tort reform, constitutional amendment reform, bidding of engineering services, transportation trust fund raids, and wetlands permitting. An important message from our lobbyist and the Florida Chamber of Commerce President to pass on: As effective as our lobbyist is, each of us has ten times the impact with our legislators. So take advantage of the annual Legislative Forum to learn more about the issues affecting us and make an impact on legislation.

NEW MEMBERS

Welcome to the following new members who joined the
Northeast Florida Chapter:

Kevin Fielder, EI; PBS&J; Sponsor – Alan Rainer, PE
John Kent, Ellis & Associates; Sponsor – Tina Meskel, PE

BY-LAW CHANGES

At our April lunch meeting we voted to approve the proposed
Chapter By-Law changes in *Article IV – Committees*. See last
month's Envision for details.

UNF SENIORS DINNER

I had the opportunity to attend UNF's 2005 graduating class
dinner and Order of the Engineer Ceremony on April 14th.
Sure to become an honored tradition at UNF, the ceremony
included addresses by key faculty who impressed upon the
students an engineer's responsibility to community
involvement, ethics, and integrity and obligation to protect the
reputation of the profession. Congratulations to the nearly 50
recipients of the Order of the Engineer.

Terry Hull, President

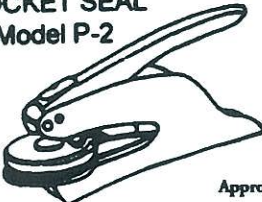
ATTENTION PROFESSIONAL ENGINEERS

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. Check the chapter web site to view the language as it was posted in the *Florida Administrative Weekly* in 2003 by the Florida Board of Professional Engineers. However, please note the one inch requirement as stated in the proposed rule was a Florida Administrative Weekly typographical error. The correct size is 1 7/8 inches minimum. Since there has been some confusion regarding the rule change, the Florida Board of Professional Engineers is now working on clarification language for 23.001. Check the chapter web site to read the current rule and to view examples of acceptable seals. If you would like to order a new seal, please check the chapter web site. An order form for the new seal is below. PLEASE NOTE: It is mandatory that a copy of your license accompanies your order as well as payment made out to the Florida Engineering Society.


FES SEAL ORDER FORM

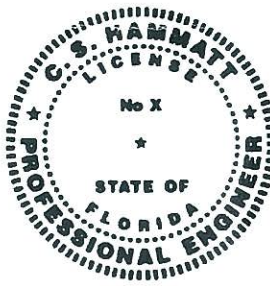
An FES Service to all Registered Engineers

POCKET SEAL
Model P-2



DESK SEAL
Model D-2





Approved by the Rules of the State Board of Professional Engineers, Chapter 61G15-23.001.

Model Number	Diameter	Description	Price	Quantity Ordered	Total Amount
P-2	2"	This is the highest quality metal hand-held embossing seal on the market. It leaves a raised impression on the paper. A leatherette carry case is included.	\$ 36.00		
D-2	2"	A free standing desktop embossing seal with mar-proof protective rubber feet. Frames are all steel. It leaves a raised impression on the paper.	\$ 42.00		
Impression Inker	2"	The inker marks the raised portion of the impression with black ink so that it is visible for copies. This is not a rubber stamp.	\$ 15.00		
			Subtotal		
			7.5% Sales Tax (Required)		
			Service Charge		\$ 9.00
			Total Enclosed		

MANDATORY
A COPY OF YOUR LICENSE
IS REQUIRED WITH ALL ORDERS!

Payment must accompany order.
Make check payable to the Florida Engineering Society.

Please Type:

Name _____ <small>(YOUR PE REGISTRATION NAME)</small>	Mail Seal To: _____
Engineer Registration No. _____	Street _____
VISA - MasterCard No. _____	City _____ State _____ Zip _____
Expiration Date _____	Work Telephone _____
Signature _____	Home Telephone _____

Send completed form and payment to: Florida Engineering Society • PO Box 750 • Tallahassee, FL 32302
Phone 850-224-7121 • Fax 850-222-4349

CHAPTER OFFICERS FOR 2005-2006 ELECTED

Congratulations to next year's officers, elected by acclamation at the April luncheon. They are:

President	Andy Cummings, P.E.
President Elect	Doug Davis, P.E.
Treasurer	Mike Woodward, P.E.
Secretary	Mike Jackson, Ph.D., P.E.

Dr. Jackson is believed to be the first FEE member to serve as an officer in our chapter. Past president, Terry Hull, PE, has been elected to serve as next year's State Director for our chapter, and Bob Kosoy, P.E., elected by State officers, will serve again as Vice President of Region 2.

LOCAL CALANDER OF EVENTS

<u>Date</u>	<u>Host</u>	<u>Activity</u>
05/17/05	FES	Joint Luncheon
06/22/05	FES	Officer Installation
06/21/05	SAME	Luncheon
07/??/05	SAME	Officer Installaton
08/20/05	SAME	Family Picnic

JACKSONVILLE SUNS GAME

Society of American Military Engineers (SAME) members, friends, co-workers, etc. are all invited to attend our annual Suns picnic and baseball game. Come out to the **Baseball Grounds of Jacksonville** (a great facility open for the 3rd season) for a picnic, baseball game, and a good time. See the Suns, who are the AA team for the Los Angeles Dodgers, play the Mississippi Braves.

SATURDAY MAY 7th
Picnic starts 6:00 PM
Game begins 7:05 PM

One Hour "All-You-Can Eat" includes hot dogs, hamburgers, popcorn, ice cream, soft drinks, and (for Adults) cold beer. Starts one hour before game time and lasts until game time.



Tickets are \$12 for Jacksonville Post SAME members and spouses, \$6 for Jax Post SAME members' children (age 3-21), and \$22 for other Adults and \$17 for other children. Price includes the one-hour pre-game picnic and a reserved seat ticket. Kids 3 and under are free.

In order to receive tickets at SAME member or dependent price, ***please provide SAME member number at time of order.***

It may not be too late for tickets. Call Lee Merrill at Navy Public Works Center Jacksonville (904-542-3991, ext. 2600) or Russ Weeks at Corps of Engineers (904-232-1159)

Actual tickets will be distributed between May 2nd – 6th or can be left at "Will Call" for game day pickup. ***Please annotate your order with your preference.***

Florida Chapter News–May 2005

Further information, registration materials, forms etc. for the following subjects are always available at www.fleng.org or the FES phones.

MEMBERSHIP NEWS

FES Incentive Program – There are some neat and worthwhile incentives for sponsoring new members. More information is available from Janice Faulk, Member Services Manager at 850-224-7121.

CONTINUING EDUCATION COURSES

2005 FICE/FDOT Roadway Design Training Exposition. Courses are designed for intermediate level training with some refresher material.

Course Listing

- ☐ Roundabout Design (RAD)
- Bridge Scour Short Course (BSC)
- Designing and Operating Intersections for Safety (DOS)
- Roadside Design Guide (RDG)
- Basic Culvert Hydraulics (BCH)
- Back-of-Sidewalk Profiles (BSP)
- Basic Highway Electricity (BHE)
- Basic Highway Lighting (BHL)
- Flexible Pavement Design (FPD)
- Highway Capacity Analysis (HCA)
- Signal Capacity Analysis (SCA)
- Drainage Standard Indexes (DIS)
- Right of Way Consideration for Designers (RWC)
- Introduction to Traffic Control Plans for Incident Management (TCP)

Contact Kate Robinson, Director of Member Services at 850-224-7121.

FICE/FDOT Bridge Hydraulics Course

July 19-21, 2005

FDOT Classroom-Tallahassee, FL

27 PDHs

This is a computer based course at the FDOT Classroom

Students in this course learn the theory and application of one dimensional hydraulic modeling of a highway crossing of a river or stream. The course uses HEC-RAS as the modeling tool, but the student should already have a basic familiarity with the program before taking this course. Course problems will allow the student to practice the application of this knowledge to real world situations. Some of the course topics include:

- Theory of the Standard Step Method
- Understanding Basic Inputs
- Developing Cross Sections
- Roughness and Subdivisions
- Starting or Boundary Conditions
- Understanding Output
- Graphically Checking Input
- Warnings and Errors
- Kinetic Energy Correction Factor
- Bridge Hydraulics Methods
- Multiple Openings

Watch for the brochure in the mail and e-mail. Please contact Julie Draper, Member Events Coordinator, 850-224-7121.

OTHER SOCIETY EVENTS

FES Leadership Conference will be at the PGA National Resort in beautiful Palm Beach Gardens. June 17-18 is just around the corner. Register now to attend.

Themed "Chapter Leadership: The Foundation of FES", the 2005 FES Leadership Conference will focus on leadership skills that can be applied not only to your involvement with FES at the state and local level, but in other areas of your career and life as well. In preparation for the big event, click on the following link for putting tips from the PGA National Resort & Spa <http://www.pga-resorts.com/golf/tips.htm>. For information or to register, call Dee Kring at 850-224-7121.

FES Annual Summer Conference & Exposition

August 3-6, 2005, Marco Island Marriott
"Foretelling Florida's Future"

Educational Sessions:

Industry experts "foretell" Florida's future in Engineering Education, Security, Emergency Management, Design/Build, Security, Transportation, and more!

Other Activities:

Professionalism, Ethics & The Law Seminar, Florida Engineering Foundation Dinner, Florida Engineering Foundation Golf Tournament, FES/FICE Leadership Institute

Hotel Room Reservations:

A discounted rate of \$120 per night (single or double occupancy) is available to all FES guests who call the Marriott at 800/438-4373 or 239/394-2511 by Friday, July 1st and reference the Florida Engineering Society. All FES guests receive complimentary parking, complimentary use of resort health club, and a waiver of the \$6 daily service charge for all guests.

Keynote Speaker:

"What Comes Next? (and What Should You Do About It)". We cannot afford to take our eyes off the change occurring within the engineering industry and in the world around us.

To register, call 850/224-7121 for a complete registration brochure.

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.

(Sponsorship Opportunities continued)

Full Event Sponsorship Includes:

Full page ad (6" x 9") in the Annual Conference and Exposition Program

Split Event Sponsorship Includes:

Half page ad (6" x 4.5") in the Annual Conference and Exposition Program

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.

For **sponsorship and advertising opportunities**, please contact Debbie Hall or Kathy Roland at **850-224-7121**. To download the complete sponsorship and exhibitor form, go to www.fleng.org.

OTHER SOCIETY NEWS

2005 Legislative Issues

The Florida Engineering Society promotes and defends the professional interests of all engineers in the State of Florida. To do so, we maintain a strong and effective voice with the legislature. The Legislative Issues Report is an overview of the major issues that FES/FICE will be actively monitoring during the 2005 Session. If you are interested, contact Samantha Hobbs, Government Affairs Coordinator at shobbs@fleng.org. A complete list of 2005 Legislative Issues is available at www.fleng.org.

STATE CALENDAR OF EVENTS

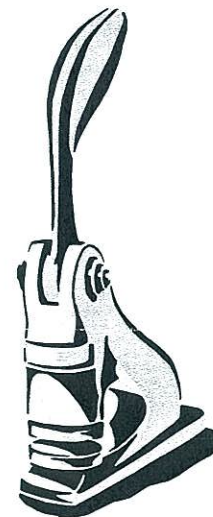
(For additional information about the events listed below, contact the chapter officers or FES Headquarters at 850-224-7121.)

May 2005

- 9-12th FICE/FDOT Roadway Design Training Exposition, Hotel Orlando North, Orlando
- 25-26th FICE/FDOT Consultant's Conference, Hyatt Regency Orlando Airport, Orlando

June 2005

- 7-9th Asset Management Workshop, Hilton Clearwater Beach Resort, Clearwater
- 8-10th FES/FICE Leadership Institute, Conrad Miami, Miami
- 17th FES Board of Directors Meeting, PGA National, Palm Beach
- 17-18th FES Leadership Conference, PGA National Resort, Palm Beach



PROFESSIONAL ENGINEERS!

Be sure
to
update your seal

NORTHEAST CHAPTER

OFFICERS

President: Terry Hull, PE W: 904-731-7040
 e: thull@taylorengeering.com F: 904-731-9847
 Pres. Elect: Andy Cummings, PE W: 904-249-7995
 e: acummings@cweng.com F: 904-241-1126
 Treasurer: Doug Davis, PE W: 904-739-3655
 e: DDavis@ProsserHallock.com F: 904-730-3413
 Secretary: Mike Woodward, PE W: 904-396-5173
 e: mbwoodward@mactec.com F: 904-396-5703
 State Dir.: Mark Mechling, PE W: 904-880-0960
 e: mmehling@ellisassoc.com F: 904-880-0970
 FES TALLAHASSEE OFFICE P: 800-277-0086
 F: 850-222-4349

COMMITTEE CHAIRPERSONS

Activities:

Mike Hill, PE W: 904-880-0960
 e: m.hill@ellisassoc.com F: 904-880-0970

Annual Meeting Steering Committee:

Andy Cummings, PE W: 904-249-7995
 e: acummings@cweng.com F: 904-241-1126

Awards:

Mike Lithman, PE W: 904-880-0960
 e: m.lithman@ellisassoc.com F: 904-880-0970

Communications:

Dan Holmes, PE H: 904-287-9750
 e: myrtdan@aol.com F: (Phone First)

Commission on Legislative and Government Relations:

Mike Hersey, PE W: 904-733-9119
 e: mhersey@CH2M.com F: 904-733-9570

Conservation and Environmental Quality:

Neil Aikenhead, PE W: 904-642-7654
 e: aik@consultaik.com F: 904-642-7658

Directory/Historian:

Don Ditzenberger, PE H: 904-743-6946

Ethical Practices:

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 e: ern_frey@bellsouth.net F: 904-981-0143

Nominating Committee:

Don Ditzenberger, PE H: 904-743-6946

FLORIDA PRACTICE SECTION LIAISON:

Professional Engineers in Government:

Kenneth D. Scher, PE H: 904-824-7873
 Scherk@aol.com F: (Phone First)

Engineers in Education:

Stephan J. Nix, Ph.D. W: 904-620-1390
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 e: frank@fwilson.com F: 904-398-2968

STUDENT CHAPTER REPRESENTATIVE:

University of North Florida

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 e: jfletche@unf.edu F: 904-620-1391

Reen Foley, Student President H: 904-713-8640
 e: reen@usa.com C: 904-504-6998

Jacksonville University

Dr. Bashir A. Sayar, Ph.D. W: 904-256-7325
 e: bsayar@ju.edu F: 904-256-7358
 Jennifer Short, Student President W: 904-307-6653

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ENVISION

INSTALLATION DINNER for 2005 - 2006 FES OFFICERS YOU AND YOUR SIGNIFICANT OTHER ARE INVITED

DATE: Wednesday, June 22, 2005
LOCATION: Deerwood Country Club
TIME: 6:00 PM Social/Cash Bar
SPEAKER: John Hall, FES In-coming State President
Frank Rudd, FES Executive Director
COST: (*) \$30.00 per person
Make checks payable to FES
MENU: Chicken Oscar, salad, potato, vegetable & dessert

RESERVATIONS:
Contact Cindy Close by Friday, 06/17/05
Phone: 904-249-7995
E-mail: cclose@cweng.com
Reservations must be guaranteed
"no shows" will be billed for the cost.

(*) FES will underwrite the cost for student members.

PRESIDENTS MESSAGE

With this final message, I thank you for the opportunity to serve the Chapter and look forward to next year as State Director. Looking back, I am pleased with our year and the dedication of Committee Chairs and Officers. Some accomplishments include:

- Successful MATHCOUNTS competition with a new venue at UNF
- Profitable and well-received EI, PE, and Rules/Laws classes
- Well-attended, successful activities and joint luncheons
- State award recognition
- Chapter web site (almost up)
- \$1,000 Donation to the Florida Engineering Foundation
- \$500 Donation to Episcopal High School
(for their MATHCOUNTS contributions)
- Scholarships (\$3,000)
- Promoting FES membership incentives
at luncheons and other opportunities
- Membership growth
- Active Student Chapters
- Strong representation at the FES/FICE Legislative Forum
- Initial coordination with City Council for FES civic involvement
- Improved language in Chapter By-Laws
- Updated Chapter Directory

Thanks to all Committee Chairs and other members for making the above endeavors happen and making my job easy.

A special thanks to Dan Holmes for his long-standing efforts composing our newsletter, coordinating its distribution, and participating on the State Communications Committee (FES Journal). Although only a monthly newsletter, the informative Envision demands weekly attention and considerable time. Thanks Dan.

Accomplishments at our State level exceed my limited space here, but I do want to recognize a few of their contributions to the professional engineering community at the Legislative level. Along with Surveyors and Architects, we fought for and won significant improvements to the Consultant's Competitive Negotiation Act dictating how Florida government agencies procure design/engineering services. I trust these clarifications will eliminate bidding of engineering services and promote quality-based selection as the Act intended. We also had some success dealing with bills related to sinkhole investigation reports and their impact on PE's, and we fought for House Bill 1681 that passed, limiting liability for transportation design engineer consultants. Also, the legislature retroactively repealed the multi-billion dollar substitute communications tax and approved a joint resolution for the November 2006 ballot that, if approved by the voters, will require all constitutional amendment initiatives pass by 60% of the voters – a step towards amendment reform. See more details on these issues in the 2005 Legislative Wrapup, in this issue.

Thanks to all at the State level who fought for our issues. Remember, their accomplishments derive in a large way from our membership numbers. Spread the word.

Please consider attending the FES Leadership Conference in Palm Beach June 17-18th. Our chapter needs representation. Details are enclosed.

Welcome to the following new member who joined the Northeast Florida Chapter:

Timothy Frazier, PE; Energy Structural Engineering;
Sponsor – Mike Woodward, PE

Thanks again for a terrific year, and I hope to see you at the FES Annual Summer Conference & Exposition in Marco Island in August.

*Terry Hull,
President*

2005-2006 OFFICERS ELECTED

Congratulations to next year's officers, elected by acclamation at the April luncheon. They are:

President	Andy Cummings, P.E.
President Elect	Doug Davis, P.E.
Treasurer	Mike Woodward, P.E.
Secretary	Mike Jackson, Ph.D., P.E.

Past president, Terry Hull, PE, has been elected to serve as next year's State Director for our chapter, and Bob Kosoy, P.E., elected by State officers, will serve again as Vice President of Region 2.

JUNE SAME-HOSTED MEETING Hurricane preparedness

Date: Tuesday, June 21, 2005
 Times: 11:30-12:00 noon Registration/ Social time
 12:00-12:30 p.m. Lunch
 12:30-1:15 p.m. Speaker
 Location: Ramada Inn - Mandarin
 I-295 (Exit 5) & State Road 13, 3130 Hartley Rd
 Topic: Hurricane Preparedness
 Speakers: Chip Patterson, City of Jacksonville EOC and
 Randy Boswell, VP Market Strategy, JEA
 Contact: Judy Doggett at 904-542-5132 or
 judy.doggett@navy.mil
 by Thursday, June 16, 2005.
 Menu: Baked Herb Chicken, Roast Potatoes, Steamed Veg.
 Medley, Choc. Cake, Rolls, Butter, Coffee, and Tea
 Cost: \$14.00 (\$16.00 without reservations) Reservations
 must be guaranteed; "no shows" will be billed for the
 Cost. Checks should be made payable to SAME and will
 be collected at the registration table.

UNF ENGINEERING SEEKS ADJUNCT PROFESSORS

The UNF Division of Engineering is seeking highly qualified individuals who want to make a difference in the lives of undergraduate students by teaching a variety of undergraduate courses in civil, electrical, and mechanical engineering, and mentoring design projects. The monetary benefits are small, but the rewards are large.

Successful applicants will be named Adjunct Professors and be listed in Division publications, including the Division website. Successful candidates will be part of a permanent adjunct faculty; however, adjunct faculty members are compensated only during the semesters in which they teach.

A graduate degree in civil, electrical, mechanical engineering or other closely related engineering discipline is required. Interested applicants must complete a one-page application online at <http://www.unfjobs.org> and must upload all required documents to be considered for this position.

Questions should be directed to Dr. Nix at 904-620-1390 or snix@unf.edu.

JACKSONVILLE UNIVERSITY STUDENT CHAPTER

Student chapter advisor, Dr. Sayar Bashir, has provided election results for the 2005-06 NSPE/FES Student Chapter officers as listed below:

President: ... Ashley M. Williams

Phone: 405-249-0944

E-mail: ashleymwilliams@hotmail.com

VP Programs: ..David Weaver

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Secretary:Phil Nejman

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The advisor information remains the same. The advisor and president information is shown at the end of the ENVISION newsletter. For further information, e-mail Dr. Bashir. Bashir Sayar, Ph.D., Professor and Director Engineering Programs, Jacksonville University. Phone: 904-256-7325, Fax: 904-256-7358, E-mail1: bsayar@ju.edu, E-mail2: basayar@aol.com. Personal Web Site: <http://stratus.ju.edu/bsayar>
 Departmental Web Site: <http://dept.ju.edu/engineering>

LOCAL CALANDER OF EVENTS

<u>Date</u>	<u>Host</u>	<u>Activity</u>
06/22/05	FES	Officer Installation
06/21/05	SAME	Luncheon
07/??/05	SAME	Officer Installaton
08/20/05	SAME	Family Picnic

**FRANK H. WILSON, II, P. E.
RECEIVES AWARD FOR
OUTSTANDING SERVICE TO THE ENGINEERING
PROFESSION**

The pages and pages of documentation supporting the award to Frank attest to the worthiness of the recipient. The following is from the Citation.

“Frank Wilson’s entire career has been one of dedication and service to his profession and his community. A native Floridian from Jacksonville, he attended the University of Florida College of Engineering and began working for Florida DOT in 1952 as a summer college student in construction of the initial Jacksonville Expressway system. He remained with Florida DOT for 10 years, during which time he attended a 3-year in-service training program under the auspices of the University of Florida, receiving a Highway Engineering Certificate in 1957. After serving in various capacities, he left the Department in 1962 to join his two brothers in the Jacksonville engineering firm, Fred Wilson & Associates, where he initially worked as resident engineer for construction on Florida’s Turnpike through Central Florida. Frank became licensed as a Professional Engineer in Florida in 1971 and remains with Fred Wilson & Associates today.

A Fellow member of the Florida Engineering Society, he has served in various positions from President and State Director of the Northeast Florida Chapter to Regional Vice President at the State level from 1978 to 1981. Since joining FES in 1971, he has remained an active, contributing member serving on various chapter and state committees each year, including seven years as Chairman of the FES Charter and Bylaws Committee. Frank advanced through the chairs of the Florida Institute of Consulting Engineers (FICE), serving as President, 1984-85, and on the Board of Directors from 1981-86. Currently, he serves on several FES/FICE committees, including the FICE Transportation Committee. Within this committee he was instrumental in conceiving and creating the Florida DOT/FICE Liaison Group which he chaired for nine years. He always held a Certificate of Continued Professional Development from the Florida Engineering Society from the inception of the program until its discontinuance when the Florida Board of Professional Engineers made continuing education mandatory.

In 1982, Frank was selected as Engineer of the Year for Northeast Florida. In 1990, he received the James F. Shivler, Jr., PE Award for Outstanding Service to the Engineering Profession from the FES Northeast Florida Chapter. In 1996, Frank was awarded the Florida Engineering Society’s Engineer of the Year; in 1999, he received the Florida Engineering Society’s Outstanding Technical Achievement Award.

Frank was recognized for his longstanding contributions, tireless commitment, and technical leadership in the design development and construction of the Acosta Bridge as well as many of Florida’s other strategic highway improvements. As a professional consulting engineer to federal, state and local governmental agencies since 1971, he has provided major technical input into conceiving and constructing ground transportation facilities projecting Florida as a leader into the

new millennium – facilities across the spectrum from minor farm-to-market roads to highly sophisticated urban projects such as the Acosta Bridge replacement with its maze of downtown interconnecting arteries.

Frank has served his community tirelessly in transportation-oriented programs and citizen advisory councils, including chairing a committee on the Downtown People Mover, in Jacksonville, and representing FES as a member of the Jacksonville Area Planning Board Advisory Committee. Within his church, he has been a member and chairman of the Youth Committee, member of the Church Council, Cubmaster, Assistant Scoutmaster, and Chairman of the Boy Scouts of America Troop Committee, and Building Committee Chairman for a \$2 million renovation and expansion program. His other community activities include Chairman of the Hendricks Avenue Elementary School Dad’s Club and Board Member and President of the Jacksonville General Apprenticeship Association.

He is married and has two sons – both sons engineering graduates of the University of Florida and registered professional engineers now assisting him in operating the family engineering business.

His high moral character and professional integrity, coupled with his tireless efforts on behalf of the engineering profession, technical achievements and responsibilities in civic and community service make Frank Wilson worthy of consideration to receive from the Florida Engineering Society the 2005 Award for Outstanding Service to the Engineering Profession.”

2005 LEGISLATIVE WRAP-UP

11:49 PM on Friday, May 6, signaled the end of the 2005 Legislative Session. Below are a few highlights.

Consultant’s Competitive Negotiation Consultant’s Competitive Negotiation Act

Senate Bill 1784 made several positive changes to the statute that dictates how government entities in Florida procure design services. The bill amends the definition of “compensation” to provide that the term means the amount, instead of the total amount, paid by the agency for the professional services regardless of whether stated as compensation or stated as hourly rates, overhead rates or other figures or formulas from which compensation can be calculated. It amends the definition of “continuing contracts” to provide that firms providing professional services under continuing contracts shall not be required to bid against one another. It defines “negotiate” as conducting legitimate, arms length discussions and conferences to reach on agreement on a term or price. It excludes from this definition the presentation of flat-fee schedules with no alternative or discussion. The bill amends the bid selection process to require that each agency provide a good faith estimate in determining whether the proposed activity meets the threshold amounts in the CCNA. It also requires that, if an agency is using a non-negotiation procurement process and the average compensation proposed

by the firms is in excess of the appropriate threshold amount proposed by the act, then the agency must reject all proposals and reinstate the procurement pursuant to the CCNA.

Limiting Liability for Transportation Design Engineer Consultants

HB 1681 creates s. 337.195, F.S., limiting the civil liability for contractors and engineering consultants, under specific circumstances

Additionally, the bill addresses the issue of liability in civil actions against FDOT, its contractors, consultants, or other agents for a death, injury or for property damage

Constitutional Amendment Reform

The Legislature approved a joint resolution for the November 2006 ballot that, if approved by the voters, will require that all initiatives pass by 60% of the voters.

Substitute Communications Tax Permanently Repealed

A retroactive repeal of the state's multi-billion dollar substitute communications tax was one of the first bills passed by the House of Representatives and one of the last bills passed by the Senate on the final day. The tax would have imposed taxes on two or more computers networked together in either a household or office environment, two way radio systems, an internal telephone system, a paging system, an intercom system, etc. No other state in the country has such a tax.

Sinkhole Investigation Reports

HB 365 and SB 2536, which would have required Professional Engineers contacted to conduct sinkhole investigations of property to file a report with the clerk of the court if one was discovered, did not pass. SB1486, relating to property insurance, did pass and has several sections dealing with sinkholes.

Budget Issues

There were no significant raids on Trust Funds this year.

DISCLAIMER

The preceding legislative information is intended to identify the subjects covered only. For additional information or implications about their content, contact our chapter officers, FES Headquarters at 850-224-7121, or 800-277-0086, or access the FES web site at www.fleng.org.

Florida Chapter News – June 2005

MEMBERSHIP

FES will be sending out member record update sheets to all members in mid-June. Be on the lookout for these forms, make any corrections, and fax or mail them back to FES Headquarters to keep the 2006 FES Directory up to date.

CONTINUING EDUCATION COURSES

ADVANCED WORK ZONE REFRESHER Course - Three Locations

I. Miami Lakes

June 23, 2005

Don Shula's Hotel, Miami Lakes

II. Tampa

June 30, 2005

Embassy Suites at USF/Busch Gardens

III. Altamonte Springs

September 15, 2005

Hilton Orlando/Altamonte Springs,

6 PDHs

\$275 FES/FICE, \$375 Non-members

BRIDGE HYDRAULICS Course - FICE/FDOT Tallahassee

July 19-21, 2005

FDOT Classroom-Tallahassee, Florida

27 PDHs Technical Credit

FBPE Provider EXP# 00001

Who Should Attend

Drainage Engineers responsible for hydraulic design of inland highway bridges

Some of the course topics include:

- Theory of the Standard Step
- Understanding Basic Inputs
 - Developing Cross Sections
 - Roughness and Subdivisions
 - Starting or Boundary Conditions
- Understanding Output
 - Graphically Checking Input
 - Warnings and Errors
 - Kinetic Energy Correction Factor
- Bridge Hydraulics Methods
- Multiple Openings

FES/FICE Members/FDOT Employees \$595.00

**Non FES/FICE members/Non FDOT Employees
\$695.00**

To register on-line, please click on the website link below or for more information, please contact Julie Draper, Member Events Coordinator, at 850-224-7121.

BASIC CULVERT HYDRAULICS Course

**FICE/FDOT Basic Culvert Hydraulics - Lake City
July 13-14, 2005
Lake City Holiday Inn & Suites, Florida
13 PDHs Technical Credit
FBPE Provider EXP# 00001**

**FES/FICE Members/FDOT Employees \$495.00
Non FES/FICE members/Non FDOT Employees
\$595.00**

2005 FICE TRANSTAT Workshop

**Hosted by FDOT
Radisson WorldGate Resort
3011 Maingate Lane
Kissimmee, FL 34747
866-705-7676
July 25 - 27, 2005**

**FDOT Registrants: \$125
Non-FDOT Registrants: \$225**

OTHER SOCIETY EVENTS - Think you have what it takes to win the FES Talent Show, Saturday, August 6 in conjunction with the 89th Annual Summer Conference & Exposition? Call FES today to sign up! The contest will be facilitated by a high-energy disc jockey that will provide a complete karaoke system, monitors, song sheets, microphones, etc – as well as all the props you could ever need.

OTHER SOCIETY NEWS

FES 89th Annual Summer Conference & Exposition Now on the Web! Register by June 30th and receive \$100 off the regular registration fee!

Also, make reservations for hotel accommodations by Friday, July 1st, and receive a discounted group rate of \$120 (single or double occupancy) at the beautiful Marriott Resort, Golf Club & Spa on Marco Island. Simply call the hotel at 800/438-4373 or 239/394-2511 and reference the Florida Engineering Society to receive this discount.

FLORIDA ENGINEERING FOUNDATION AUCTION

Dick Gassett, Chair, Florida Engineering Foundation has issued a plea regarding help in obtaining items for the Florida Engineering Foundation Auction in conjunction with the FES 89th Annual Summer Conference & Expo. He is requesting that chapter members be canvassed with the goal of obtaining at least one item with a minimum value of \$100.

FLORIDA CALENDAR OF EVENTS

June 2005

- 7-9th Asset Management Workshop, Hilton Clearwater Beach Resort, Clearwater
- 8-10th FES/FICE Leadership Institute, Conrad Miami, Miami
- 17th FES Board of Directors Meeting, PGA National, Palm Beach
- 17-18th FES Leadership Conference, PGA National Resort, Palm Beach

For additional information about event content, educational prerequisites, course requirements or registration information, regarding the preceding events, contact our chapter officers, FES Headquarters at 850-224-7121, or 800-277-0086, or access the FES web site at www.fleng.org.

LEADERSHIP CONFERENCE

FES Leadership Conference will be at the PGA National Resort in beautiful Palm Beach Gardens. June 17-18 is just around the corner. Register now to attend.

Themed "Chapter Leadership: The Foundation of FES", the 2005 FES Leadership Conference will focus on leadership skills that can be applied not only to your involvement with FES at the state and local level, but in other areas of your career and life as well. In preparation for the big event, click on the following link for putting tips from the PGA National Resort & Spa <http://www.pga-resorts.com/golf/tips.htm>. For information or to register, call Dee Kring at 850-224-7121.

**UPDATE FOR CHAPTER OFFICERS
AND COMMITTEE CHAIRS**

Engineers in Industry-
e-mail for Gene Tonn, PE changed to:
jgtonn@comcast.net

NORTHEAST CHAPTER**OFFICERS**

President: Terry Hull, PE W: 904-731-7040
 e: thull@taylorengineering.com F: 904-731-9847
 Pres. Elect: Andy Cummings, PE W: 904-249-7995
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COMMITTEE CHAIRPERSONS**Activities:**

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Don Ditzenberger, PE H: 904-743-6946

Ethical Practices:

Doug Ayres, PE W: 904-390-2007
 e: adayarsd@educationcentral.org F: 904-390-2989

PE/EI Review Course:

Bruce Myhre, PE W: 904-363-6100
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Engineers Week:

Ken Loeftgren, PE, RRC W: 904-213-0034
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Local Seminar:

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Professional Development Committee:

Ernie Frey, PE W: 904-981-0018
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Nominating Committee:

Don Ditzenberger, PE H: 904-743-6946

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Engineers in Industry:

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Engineers in Construction:

David Boree, PE W: 904-388-2696
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Institute of Consulting Engineers:

Frank Wilson, II, PE W: 904-398-8636
 e: frank@fwilson.com F: 904-398-2968

STUDENT CHAPTER REPRESENTATIVE:**University of North Florida**

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 Reen Foley, Student President H: 904-713-8640
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Jacksonville University

Dr. Bashir A Sayar, Ph.D., Advisor W: 904-256-7325
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 Ashley Williams, Student Pres. W: 404-249-0944
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