Newsletter of the Northeast Florida Chapter of the Florida Engineering Society
April 2000

ENVISION

FES/ASCE/SAME JOINT LUNCHEON TUESDAY, APRIL 18, 2000

Time:	11:30 AM	Registration
	12:00 N	Lunch
	12:30 PM	Program
Location:	*Ramada Inn Conference Center Mandarin	
Speaker:	Steve Arrington, P. E. Director of Engineering, Jacksonville Transportation Authority (JTA)	
Topic:	Status of Projects	
Cost:	$12.00	
Host:	A. S. C. E.	

Deadline for reservations (or cancellations) is noon Friday, April 14, 2000. Call Debbie Hall at 904-880-0960. Payment may be made at the door. Sorry, "No Shows" will need to be invoiced for the cost of the meals.

*The Ramada Inn is at 3130 Hartley Road, northeast corner of I-295 & San Jose Blvd. (EXIT 2). Phone 904-268-8080.

COMING EVENTS

(Further details in this issue or future issues)

DATE	EVENT
Apr. 12, 2000	4:30P FES Ex. Comm. Mtg.
Apr. 18, 2000	ASCE Joint Luncheon
May 19, 2000	Outing – Jacksonville Suns
June 15, 2000	Officer Installation Dinner

EXECUTIVE COMMITTEE MEETINGS

The next Executive Committee meeting will be held at 4:30 P. M. Wednesday, April 12, 2000 in the offices of Law Engineering, 3901 Carmichael Ave. All members are welcome to attend. Time and place of future meetings will be in future issues. The board encourages the participation of members in the activities of the chapter. Please review the list of committees at the end of this newsletter and call a chairperson to offer your help.

FES ACTIVITIES UPDATE

FES Night at the Jacksonville Suns –

On Friday, May 19, we will hold our third annual "FES Night at the Suns." **This event is for members, spouses, kids, friends, and anyone else you'd care to bring along, so get a group together and plan on coming out.** For a modest $13.95, you **can** enjoy All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and cold beer for an hour before game time, and a ticket to the game against the Knoxville Smokies. **This is also the night that "The Famous Chicken" (formerly "The San Diego Chicken") will perform. You won't want to miss it!** Please return a completed ticket order form (found in this month's ENVISION) along with payment **no later than May 10** to purchase your tickets. For additional information, contact Mark Mechling at 880-0960. We'll see you at the ballpark.

REPORT OF YEAR 2000 NATIONAL ENGINEERS WEEK BANQUET "TURNING IDEAS INTO REALITY"

The year 2000 Engineers Week Banquet was held at Hidden Hills Country Club and enjoyed capacity attendance. John McDowell welcomed those in attendance, the invocation was lead by Don Ditzenberger, P. E., and the pledge to the flag lead by Dole Kelly.

The keynote speaker was Henry J. Hatch, United States Army Lieutenant General, retired. An entire page in the program attempted to summarize his distinguished career including his engineering accomplishments in private business as well as his 35 year career in the army. His presentation stressed the importance of engineers becoming involved in community affairs. Because of their unique talents, engineers have a great deal to contribute for the well being of others and should take advantage of the many opportunities that are available all around us.

Following the keynote speaker, presentations were awarded: Engineer of the Year, W. Ronald Woods, P.E.; Young Engineer of the Year, Myra Wilburn, P.E.; Technician of the Year, G. Terry Harris, Sr.; Professor of the Year, Dr. Bashir Sayar, Jacksonville University; Teacher of the Year, Robin Spital, the Bolles School; and Enlisted Person of the Year, John Fleshman, Steel Worker 1st Class. When the accomplishments of those receiving awards were announced, it was easy to see that the awards were well deserved.

ENGINEERING OUTREACH BREAKFAST

On March 1, 2000, our chapter sponsored a breakfast for leaders in businesses employing engineers. There were about 45 in attendance from industry, education and FES members. The theme was "What we can do for you". The intent of the breakfast was to stress engineering professionalism; encourage business leaders to emphasize to their employees the importance of becoming registered and joining FES; to update those in attendance on the importance of engineering; and to present the overall state of the engineering profession. The program was moderated by John Ellis II, President of the local chapter. Speakers were: Juan Guerra, P. E., FES President; Paul Ledford, FES Executive Director; and R. Bruce Taylor, Ph.D., P.E., recipient of the 1999 National Society of Professional Engineers, Engineer of the Year Award.

Mr. Guerra began by reminding us of historical events that have taken place that would not have happened had there not been engineering expertise involved. He pointed out that all other professions benefit from the efforts of engineers. Three threats to the profession were identified as: Perception, Detractions and Scavengers. With respect to Perception, the image of engineering is weakened whenever engineering is improperly identified, such as "software engineer" where there is no true engineering involved. Detractions are unfortunate events such as when engineers are incorrectly identified as enemies of the environment. Scavengers were described as engineering "wannabes" such as sprinkler contractors or landscapers trying to design subdivisions which require a wide spectrum of engineering proficiency.

Mr. Guerra pointed out that The Florida Engineering Society (FES) is the only organization that addresses such issues for all engineers, regardless of affiliation, and follows action in the legislature. He urged greater participation on the part of engineers to become involved in bettering the profession since of about 25,000 engineers in the state, only about 4,000 are registered and that only about 300 participate in efforts of directing the profession. Engineers must dedicate themselves to fight the complacency fostered by our present good times. Mr. Guerra predicted that the engineering profession could be eroded away in 20 years unless there is an increased effort to become politically active to unite all the engineering professions by such means as FES.

Paul Ledford briefly reviewed the role of FBPE (Florida Board of Professional Engineers), pending legislation, and how they effect various facets of engineering and regulation. He gave examples of problems that can be encountered when unpopular riders are put on bills that are expected to or need to be passed. Disciplinary cases are now being handled within months rather than years, which was the case prior to FBPE. Mandatory continuing education requirements are expected to be approved. He pointed out that auctioneers are the only group that does not have mandatory continuing education requirements! In urging engineers to become involved in the political process, he pointed out that a great many of

the legislators who have been supporting engineering issues will be leaving because of term limits.

Mr. Taylor spoke on The Importance of Culture "From the Top". He pointed out that only 10% of engineers are licensed, that about 15% of licensed engineers are FES members and that only about 1% actively participate.

His concluding challenge was – when you are gone, what kind of person will they say you were? Did **you** make a positive difference?

REPORT OF MARCH 21, 2000 FES/SAME/ASCE JOINT LUNCHEON

The luncheon was moderated by Ron Hilton substituting for Col. Joe. R. Miller. Following the pledge to the flag, and the invocation, lead by Russ Weeks, organizational announcements were made. FES chapter president, John Ellis, II, related the procedure for nominating candidates for next year's FES Chapter officers and provided a reminder of the next Executive Committee meeting. Don Ditzenberger, P.E., FES Chapter Historian and P.E. Activist, was presented with a life membership in A.S.C.E. The Jacksonville S.A.M.E. Post was recently named the #3 post in THE WORLD. Hats off to the Jacksonville Post! Hosts for the next luncheon are A.S.C.E. and A.S.H.E.

The program, Modern Roundabouts, was presented by Michael J. Wallwork, P.E., a native of Australia. He is President/Transportation Engineer for Alternate Street Designs, P.A. with office in Orange Park, FL. Their specialty is Pretty Streets, Roundabouts, Traffic Calming, Design, Training Courses and Workshops. He has made about 530 presentations on the subject. It has been reported that roundabouts are being constructed at an ever-increasing rate in more than 30 states. The imminent release of the Federal Highway Administration Roundabout Design Guidelines is expected to increase their popularity.

The difference between the traffic circles we are familiar with and roundabouts (which are quite common in Australia) was explained. Roundabouts are pedestrian and bike friendly, slow cars to 10-25 mph, provide a view of an entire intersection, are cost effective, use minimum right of way, can carry about 30% more traffic than a traditional intersection, have lower crash rates with less severe crashes, and eliminate or reduce traffic lights. Statistics and pictures were used to support the benefits. They work because they slow people down without stopping them and they become more cautious due to the circular pattern. They can handle about 2800 vehicles and about 3,000 pedestrians an hour in a much safer environment, making them beneficial near schools through the use of splinter islands. With good and thoughtful landscaping, roundabouts can become beautiful local focal points, a factor that was made evident from viewing slides of installations in use. They can accommodate 360 degree turns easily and provide savings on maintenance, cost of traffic lights, etc. Designs vary according to the number of lanes involved and the speed through desired. Questions and answers followed and the luncheon adjourned at 1:20 P.M.

THE FES STRATEGIC PLAN 2000

The chapter Executive Committee met for two hours at a special meeting, Wednesday, March 15, 2000, in the offices of R. Bruce Taylor, Ph.D., P.E. The meeting was held to review and comment on a plan being developed to strengthen and improve the society - ***"Charting a Course for the New Millennium"***. FES President, Juan Guerra, P.E. has identified the plan as one of his four goals this year. Categories addressed were: Organization, Advocacy, Professionalism, Image, Membership and Goals. You are encouraged to read about this effort in your March issue of the Florida Engineering Society Journal – see page 8. This effort is being made on your behalf, for you, for the benefit of all engineers and for our profession. The Vision statement is ***"FES is the premier state organization that promotes and defends the professional interests of all engineering professionals in Florida."***

DONALD W. DITZENBERGER, P.E. RECEIVES AWARD

Donald W. Ditzenberger, P.E., received a life membership award from A.S.C.E. which was presented at the March 21, 2000 FES/ASCE/SAME joint luncheon. Sincere congratulations to Don for earning this coveted award.

COMING SOON
OFFICER INSTULATION DINNER
JUNE 15, 2000

Please mark your calendar now to reserve Thursday, June 15, 2000 so you can attend the year 2000 Officer Installation Dinner that will be held at the Deerwood Country Club. Arrangements are currently being made so be sure to watch for details in the next issue of ENVISION.

MILESTONE ANNOUNCEMENTS

The report of the Chapter Nominating Committee for next year's officers will be given at the April FES/SAME/ASCE Joint Luncheon. Other nominations will be accepted from the floor during the meeting. A list of chapter members to serve on state committees is due in Tallahassee May 1, 2000. Announcement of local recipients (if any) of FES state awards will be made.

1999-2000 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	John E. Ellis, II, PE	W 904-880-0960
		F 904-880-0970
Pres. Elect	Suzanne LeViseur, PE	W 904-246-0081
		F 904-246-6288
Treasurer	Bob Kosoy, PE	W 904-247-5834
		F 904-247-5843
Secretary	David Peigler, PE	W 904-367-8683
		F 904-733-6621
State Dir.	Ken Loefgren, PE	W 904-396-5173
		F 904-396-7503
FES TALLAHASSEE OFFICE		P 800-277-0086
		P 850-224-7121

COMMITTEE CHAIRPERSONS

Activities	Mark Mechling, PE	W 904-880-0960
		F 904-880-0970
Adopt-A-School		
	Andy Cummings, PE	W 904-249-7995
		F 904-241-1126
Awards	Allan Boree, PE	W 904-279-2312
		F 904-279-2491
Communications		
	Dan Holmes, PE	H 904-287-9750
		F (phone first)
Conservation & Environmental Quality		W 904-
		F 904-
Directory/Hist.		
	Don Ditzenberger, PE	H 904-743-6946
Ethics	Bruce Taylor, Ph.D., PE	W 904-731-7040
		F 904-731-9847
EIT/PE Refresher Course		
	Eric Hendra, PE	W 904-367-8683
		F 904-733-6621
	Bruce Myhre, PE	W 904-367-8683
		F 904-733-6621
Eng'ers Week	Ken Loefgren, PE	W 904-396-5173
		F 904-396-5703
Habijax	Tamara Henderson, EI	W 904-724-3546
		F 904-724-9463
MATHCOUNTS		
	Terry Hull, PE	W 904-731-7040
		F 904-731-9847
	Ken Craig, PE	W 904-731-7040
		F 904-731-9847
Membership	Mike Hersey, PE	W 904-743-6950
		F 904-744-6267
Project CREATE		W 904-
		F 904-
Scholarship	Doug Davis, EI	W 904-262-9991
		F 904-262-9996
Student Professional Development		
	James Horton, PE	W 904-396-5173
		F 904-396-5703

PRACTICE SECTION LIAISON

Professional Engineers in Government		
	George Knecht, PE	W 904-665-4426
		F 904-665-7368
Engineers in Education		W 904-
		F 904-
Engineers in Industry		
	Gene Tonn, PE	W 904-798-5662
		F 904-798-5700
FEC	Keith Kirwan, PE	W-904-786-1120
		F--904-783-2970
Institute of Consulting Engineers		
	Frank Wilson, PE	W 904-398-8636
		F 904-398-2968

STUDENT CHAPTER REPRESENTATIVES

Jacksonville University		
	Dan Arnett	W 904-745-2076
		F 904-745-7582
Univ. of North Florida		
	Matt Little	W 904-620-3880
		F 904-620-2975

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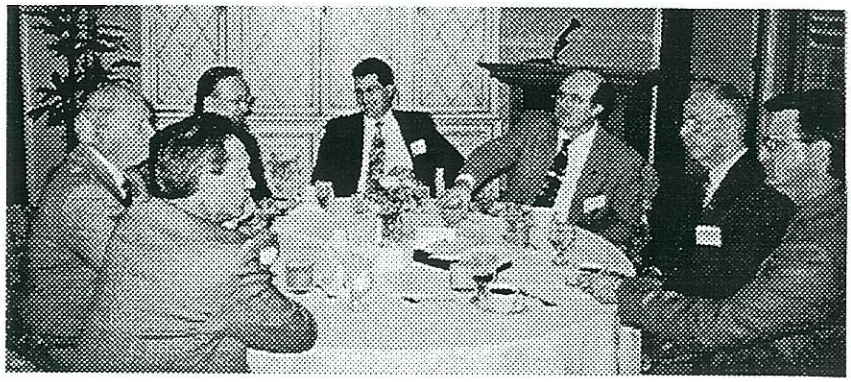
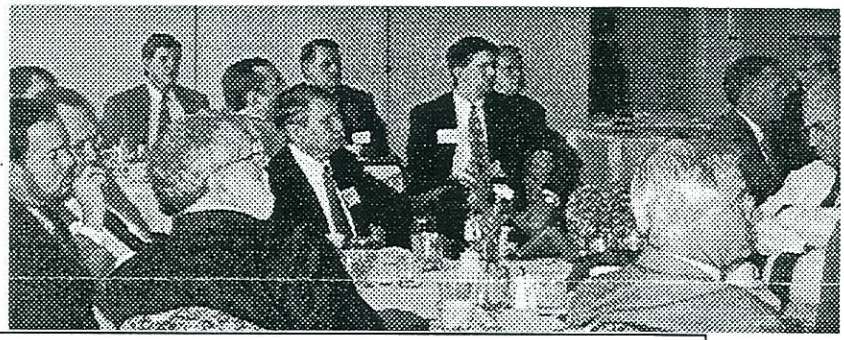
ENGINEERING OUTREACH BREAKFAST – MARCH 1, 2000





SCENES FROM ENGINEERS WEEK BANQUET – FEBRUARY 26, 2000

PLAY BALL!

florida engineering society
northeast florida chapter

NIGHT AT THE SUNS

JACKSONVILLE SUNS VS. KNOXVILLE SMOKIES
Special Appearance By "The Famous Chicken"

WHEN: FRIDAY, MAY 19, 2000
6:30-7:30 p.m. - Pre-Game All-You-Can-Eat-And-Drink
7:30 p.m. - Game Time

WHERE: WOLFSON PARK, 1201 East Duval Street

TICKETS: $13.95/Each - Includes a Game Ticket, plus All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and beer

WHO: FES MEMBERS, FAMILY, FRIENDS, CO-WORKERS

MORE INFO: CALL MARK MECHLING - 880-0960

TICKET ORDERS

NOTE: ALL PAYMENTS MUST BE RECEIVED BY MAY 10, 2000

PLEASE SEND ME _____ TICKETS @ $13.95/EACH – TOTAL AMOUNT ENCLOSED - $_____

MAIL MY TICKETS TO:

NAME:_____ PHONE:_____ FAX:_____

ADDRESS:_____

PLEASE MAKE CHECKS PAYABLE TO THE FLORIDA ENGINEERING SOCIETY AND MAIL TO:

MARK MECHLING, ELLIS & ASSOCIATES, INC., 7064 DAVIS CREEK ROAD, JACKSONVILLE, FL 32256

Newsletter of the Northeast Florida Chapter of the Florida Engineering Society
May 2000

ENVISION

FES Night at the Jacksonville Suns –

There will be no society luncheon this month. Instead, each society is having a night out with the Suns. On Friday, May 19, we will hold our third annual "FES Night at the Suns." **This event is for members, spouses, kids, friends, and anyone else you'd care to bring along, so get a group together and plan on coming out.** For a modest $13.95, you **can** enjoy All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and cold beer for an hour before game time, and a ticket to the game against the Knoxville Smokies. **This is also the night that "The Famous Chicken" (formerly "the San Diego Chicken") will perform. You won't want to miss it!** Please return a completed ticket order form (found in this month's ENVISION) along with payment **no later than May 10** to purchase your tickets. For additional information, contact Mark Mechling at 880-0960. We'll see you at the ballpark.

COMING EVENTS

(Further details in this issue or future issues)

DATE	EVENT
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June 15, 2000	Officer Installation Dinner

EXECUTIVE COMMITTEE MEETINGS

The next Executive Committee meeting will be held at 4:30 P.M. Wednesday, May 24, 2000 in the offices of Law Engineering, 3901 Carmichael Ave. All members are welcome to attend. Time and place of future meetings will be in future issues. The board encourages the participation of members in the activities of the chapter. Please review the list of committees at the end of this newsletter and call a chairperson to offer your help.

FES ACTIVITIES UPDATE
JAMES A. HORTON, P.E.
FES ENGINEER-OF-THE-YEAR

by Don Ditzenberger. P.E.

Congratulations are in order for James A. Horton, P.E. who was named the 2000 Engineer-of-the-Year by the Florida Engineering Society in March. He becomes only the eighth Northeast Florida Chapter engineer in the last forty-four years to be so honored. To be selected for this award an individual must have a record of extensive participation in professional engineering, and engineering associations; have professional integrity beyond question with a professional reputation more than local in character; have consistently worked for the professional and technical interest of the engineering profession with a conspicuous record of achievement including active participation in FES at state, local and/or national levels; and be active in carrying out civic, public and community responsibilities. As with most FES awards, a CCPD is also mandatory.

His 30 years of experience as a civil engineer began while on active duty as a First Lieutenant in the U.S. Army Corps of Engineers, 548th Engineer Construction Battalion at Fort Bragg, North Carolina. His responsibilities included design and quality control of troop training projects and the overall supervision of the survey and soil laboratory

sections. During this period, he was awarded the Army Commendation Medal.

A registered professional engineer in Florida and Georgia, Jim holds Bachelor's and Master's degrees in Civil Engineering from Purdue University and is a member of Tau Beta Pi and Chi Epsilon engineering fraternities. He has continued his professional development throughout his career in attendance at seminars, conferences, and related meetings; he holds a current FES Certificate of Continued Professional Development.

Following his military service, he joined Law Engineering and Environmental Services, Inc. (LAW) in Jacksonville, Florida in 1974, serving in several engineering and supervisory positions where he was involves in a number of major projects including the national–award-winning Dames Point Bridge and the St. Johns River Power park. Currently Vice President and Branch Manager of LAW's Jacksonville office and the Gainesville, Pensacola, Savannah, and Brunswick offices, he supervises over 100 employees with the overall responsibility for the technical and financial performance of these offices, which include eleven operating departments.

Jim has been very active in local, state, and national professional organizations. As a member of the Florida Engineering Society, he moved through the chairs, serving as President and State Director of the Northeast Florida Chapter. He is currently a Fellow Member of FES and the Vice President, Membership Development Division, on the FES Board of Directors. He has also served on the FICE Transportation Committee, as a Director of the Jacksonville Post of the Society of American Military Engineers (SAME), as President of the Jacksonville branch of the American Society of Civil Engineers (ASCE), and as President of the Florida Section of ACSE, which area encompasses the entire state north of Lake Okeechobee. He currently chairs an American Society of Testing Materials (ASTM) national subcommittee responsible for creating; monitoring, and revising field sampling and testing standards, serves as a member on two other ASTM committees, and is the incoming Vice-Chair of the ASTM D18 Executive committee. He was recognized as the Northeast Florida area Engineer of the Year in 1993.

In addition to his professional responsibilities, Jim is extensively involved in civic and community affairs, and public service activities. He is actively involved in the continued support of the University of Florida Civil Engineering Department through speaker procurement and support of the annual Jacksonville Student Career Field Trip. He has been a member of, and currently chairs, the University of North Florida Engineering Advisory Council. He has also provided leadership to a variety of youth groups as Senior High School Youth Advisor at the Lakewood Presbyterian Church, as coach of a team of the Jacksonville Youth Soccer League, has served as President and member of the Board of Directors of the Cypress Village homeowners association, and has worked with the United Community Outreach Ministry to develop the Minority Youth Summer Job Program.

Jim will be recognized and presented his award at the FES Annual Meeting awards breakfast in August.

JAMES E. ENGLAND, P.E.
FES OUTSTANDING SERVICE TO THE ENGINEERING PROFESSION AWARD

by Don Ditzenberger, P.E.

James E. England, P.E. was named the recipient of the 2000 Outstanding Service to the Engineering Professional award by the Florida Engineering Society in March. To be selected to receive this award an individual shall have consistently worked for the professional and technical interest of the engineering profession; be active in carrying out civic, community and public responsibilities; and have professional integrity beyond question with a professional reputation more than local in character.

His more than 30 years of engineering practice and service to his profession and his community sets an exceptional example. Following graduation from the University of Tennessee, he entered private engineering practice in Jacksonville. In 1977, Jim became one of the founders of England, Thims, & Miller, Inc., a general civil engineering firm headquartered in Jacksonville, and currently serves as the firm's CEO.

A licensed engineer in five states, Jim was appointed by the Governor to the Florida Board of Professional Engineer in 1990. In 1992, he was appointed Board Vice Chairman assisting the Department of Business and Professional Regulation in modifying and formulating new state statutes affecting the practice of engineering in Florida.

Since joining FES in 1979, Jim has served as chapter Engineer Week Committee Chair, state FES Ethical Practices Committee Chair, and member of the NSPE Committee for the National Council of Examiners for Engineering and Surveying (NCEES) Engineers and Architects Subcommittee. He is also a member of the American Society of Civil Engineers (ASCE). He was recognized as Northeast Florida Engineer of the Year in 1999 and received the FES Northeast Florida Chapter's James F. Shivler, Jr., P.E, Award for Outstanding Service to the Engineering Profession in 1996.

Jim continues to be active in other professional, technical, and industry organizations including the Florida-Planning association, Northeast Florida Homebuilders Association, Utility Contractors Association of Northeast Florida, Jacksonville Chamber of Commerce and the St. Johns County Chamber of Commerce.

Jim serves his community tirelessly in numerous programs including board member of the Jacksonville Electric Authority, the Jacksonville City Rescue Mission and the Campus Crusade for Christ. He is also a member of the Jacksonville Subdivision Policy and Standards Committee, the St. Johns County Development Review Procedures Task Force, the University Boulevard Church of the Nazarene, and the Bible Study Fellowship.

His past service includes Chairman of the School Board of the Christian Heritage Academy in Jacksonville; Board of Trustees member of the Tevecca Nazarene College in Nashville, Tennessee, and volunteer coach for the Jacksonville YMCA and church basketball, football, and baseball leagues.

Jim will receive his award at the FES Annual Meeting awards breakfast in August. Congratulation!

James F. Shivler, Jr., P.E.
NSPE & FES Past President, Dies

James F. Shivler, Jr., P.E., longtime Florida Engineering Society member, died at a hospital in Jacksonville, Florida on April 13th, 2000. Jim exemplified excellence in the engineering profession and will be greatly missed by his peers.

He was a most outstanding and distinguished member of FES, which he served as President from 1960-61. He went on to serve as NSPE National Director from 1964 to 1968. In addition, he served as Chairman of the Consulting Engineers of Florida from 1961to 1964 and from 1976 to 1986 he served on the Board of Directors of the Florida Institute of Consulting Engineers. He received numerous awards for his proficiency as an engineer and for service to the profession including the FES Award for Outstanding Service to the Society and the President's Award for Outstanding and Dedicated Performance.

Most Notably he was the first engineer from Florida to receive the National Society of Professional Engineers National Award (1981) in recognition of extraordinary service-a meritorious award given to engineers whose sustained and unusual contributions have been to public welfare, the advancement for the profession, and/or service to mankind. He also served a President of NSPE 1972 to 1973 and as Vice Chairman, Southeastern Region. Professional

Engineers in Private Practice (PEPP) 1961 to 1963; National PEPP Chairman, 1963 to 1965; and was Chairman of the NSPE By Laws13 Judiciary Board from 1979 to 1984. He served on the Florida State Board of Engineers Examiners from 1964 to 1970 and served as President from 1965 to 1970.

He was born on February 17, 1918 in Clearwater, Florida and is a graduate of the University of Florida with a BS in Civil Engineering and MS in Engineering. After graduation he served on the university's Civil Engineering faculty and then joined Reynolds, Smith and Hills as a design engineer and became a partner in 1950. He later became President of Reynolds, Smith and Hills Architects-Engineers-Planners, Inc., a firm member of FICE.

Jim Shivler as a man and an engineer was best summed up in the closing paragraph of an article published in the July 1981 Journal:

"How does he do it all? People who worked with him ask it often. Who and what is James F. Shivler, Jr., P.E.?"
He is a lion in sheep's clothing.
He is a gentleman.
He is always prepared.
He is a skillful leader, democratically encouraging contributions from all, but doggedly supporting his position.
He works harder than most but does not seek recognition.
He is an "iron hand in a velvet glove."
He is the kind of person you would want on your side in a tough fight.

MILESTONE ANNOUNCEMENTS

The slate of officers for the year 2000-2001 follows:

President	Suzanne LeViseur, P.E.
President Elect	Bob Kosoy, P.E.
Treasurer	David Peigler, P.E.
Secretary	Mark Mechling, P.E.
State Director	Ken Loefgren, P.E.

COMING SOON
OFFICER INSTALLATION DINNER

JUNE 15, 2000

Please mark your calendar now to reserve Thursday, June 15, 2000 so you can attend the year 2000 Officer Installation Dinner that will be held at the Deerwood Country Club. Arrangements are currently being made, so be sure to watch for details in the next issue of ENVISION.

Northeast Florida Chapter
Air & Waste Management Association
May Meeting
"Jacksonville Incinerator Ash Dump Sites"

Join us for presentations from three professionals dealing directly with the Incinerator ash sites in Jacksonville. Tentative speakers include:
Cindy Laquidaa, Assistant General Counsel, City of Jacksonville
Norm Hatch, CH2MHILL
Dr. Liz Bozeman,Epidemiologist with Duval County Public Health Unit.

Mayor John Delaney has been invited to give opening remarks and discuss the history of the problem.

When: May 24, 2000 from 7:45 am to 10:30 am
Where: Fl Safety Council, 1725 Art Museum Drive
Cost: $15 Mem/ $20 non-mem., Breakfast provided
RSVP: Becky Heilman at (904)247-8699 or rheilman@mediaone.net

1999-2000 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	John E. Ellis, II, P.E.	W 904-880-0960 F 904-880-0970
Pres. Elect	Suzanne LeViseur, P.E	W 904-246-0081 F 904-246-6288
Treasurer	Bob Kosoy, P.E	W 904-247-5834 F 904-247-5843

Secretary	David Peigler, P.E.	W 904-367-8683
		F 904-733-6621
State Dir.	Ken Loefgren, P.E	W 904-396-5173
		F 904-396-7503
FES TALLAHASSEE OFFICE		P 800-277-0086
		P 850-224-7121

COMMITTEE CHAIRPERSONS

Activities	Mark Mechling, P.E	W 904-880-0960
		F 904-880-0970
Adopt-a School		
	Andy Cummings, P.E	W 904-249-7995
		F 904-241-1126
Awards	Allan Boree, P.E.	W 904-279-2312
		F 904-279-2491
Communications		
	Dan Holmes, P.E	W 904-287-9750
		F (phone first)
Conservation & Environmental Quality		W 904-
		F 904-
Directory/Hist.		
	Don Ditzenberger, P.E.	H 904-743-6946
Ethics	Bruce Taylor, Ph.D., P.E.	W 904-731-7040
		F 904-731-9847
EIT/PE Refresher Course		
	Eric Hendra, P.E.	W 904-367-8683
		F 904-733-6621
	Bruce Myhre, P.E.	W 904-367-8683
		F 904-733-6621
Eng'ers Week	Ken Loefgren, P.E	W 904-396-5173
		F 904-396-5703
Habijax	Tamara Henderson, EI	W 904-724-3546
		F 904-724-9463
MATHCOUNTS		
	Terry Hull, P.E.	W 904-731-7040
		F 904-731-9847
	Ken Craig, P.E,	W 904-731-7040
		F 904-731-9847
Membership	Mike Hersey, P.E.	W 904-743-6950
		F 904-744-6267
Project CREATE		W 904-
		F 904-
Scholarship	Doug David, EI	W 904-262-9991
		F 904-262-9996
Student Professional Development		
	James Horton, P.E.	W 904-396-5173
		F 904-396-5703

PRACTICE SECTION LIAISON

Professional Engineers in Government		
	George Knecht, P.E.	W 904-665-4426
		F 904-665-7368
Engineers in Education		W 904-
		F 904-
Engineers in Industry		
	Gene Tonn, P.E.	W 904-798-5662
		F 904-798-5700
FEC	Keith Kirwan, P.E.	W 904-786-1120
		F 904-783-2970
Institute of Consulting Engineers		
	Frank Wilson, P.E.	W 904-398-8636
		F 904-398-2968

STUDENT CHAPTER REPRESENTATIVES

Jacksonville University		
	Dab Arnett	W 904-745-2076
		F 904-745-7582
Univ. of North Florida		
	Matt Little	W 904-620-3880
		F 904-620-2975

PLAY BALL!

florida engineering society
northeast florida chapter

NIGHT AT THE SUNS

JACKSONVILLE SUNS VS. KNOXVILLE SMOKIES
Special Appearance By "The Famous Chicken"

WHEN: FRIDAY, MAY 19, 2000
6:30-7:30 p.m. - Pre-Game All-You-Can-Eat-And-Drink
7:30 p.m. - Game Time

WHERE: WOLFSON PARK, 1201 East Duval Street

TICKETS: $13.95/Each - Includes a Game Ticket, plus All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and beer

WHO: FES MEMBERS, FAMILY, FRIENDS, CO-WORKERS

MORE INFO: CALL MARK MECHLING - 880-0960

TICKET ORDERS

NOTE: ALL PAYMENTS MUST BE RECEIVED BY MAY 10, 2000

PLEASE SEND ME _____ TICKETS @ $13.95/EACH – TOTAL AMOUNT ENCLOSED - $_____

MAIL MY TICKETS TO:

NAME:_____ PHONE:_____ FAX:_____

ADDRESS:_____

PLEASE MAKE CHECKS PAYABLE TO THE FLORIDA ENGINEERING SOCIETY AND MAIL TO:

MARK MECHLING, ELLIS & ASSOCIATES, INC., 7064 DAVIS CREEK ROAD, JACKSONVILLE, FL 32256

ENVISION

Newsletter of the Norhteast Florida Chapter of the Florida Engineering Society *June 2000*

ANNOUNCING OFFICER INSTALLATION DINNER AND CEREMONY FOR 2000 - 2001

Date: Thursday, June 15, 2000

Time: 6:30 PM Social Hour – Cash Bar
7:30 PM Dinner

Location: Deerwood Country Club
10239 Golf Club Drive
Baymeadows and Southside Blvd.

Menu: Seated Dinner:
Salad – House Salad with Raspberry Vinaigrette Dressing
Entrée – Duet Plate – London Broil & Salmon
Chef's choice starch & vegetable
Rolls, Butter, Coffee & Tea
Dessert – NY Style Cheesecake with Grand Marnier Topping

Program: Officer Installation

Cost: $30 Per Person – (NE Florida Chapter Past Presidents Free)

RSVP: By 12:00PM, Monday 12, 2000
Call Debbie Hall @ 880-0960 for reservations.

All attendees will receive a copy of the 1999 – 2000 FES / NSPE Directory.

NOTE: Deerwood has advised that additions or deletions from the guaranteed attendance cannot be accepted, so be sure to make your arrangements in a timely manner. The security gate will be provided with the guest list from the chapter.

FES/ASCE/SAME JOINT LUNCHEONS

With summer upon us, the joint luncheons will be suspended, as has been the tradition. The next luncheon will be in September at UNF. More information will be provided in our next newsletter in August.

FES NIGHT AT THE SUNS

The FES night with the Suns was a great success! On Friday, May 19, more than 75 FES members, family and friends met at Wolfson Park for our annual spring outing. Those in attendance enjoyed a pre-game picnic, followed by the ballgame featuring the Jacksonville Suns against the Tennessee Smokies. The Famous Chicken was on hand to add to the fun and festivities.

2000 LEADERSHIP CONFERENCE & CONSENSUS CONGRESS

The Leadership Conference was combined with the Consensus Congress this year and held at Innsibrook Resort in Palm Harbor, Florida on April 28 – 30, 2000. For those of you that are not familiar with the Leadership Conference, its purpose is to help incoming officers become familiar with how the FES operates and the duties associated with their new positions. Although, anyone who wants to know more about the FES is encouraged to attend, they won't regret it. The meeting included a motivational speaker and round table discussions on just about all FES related topics. Afterwards, there

was a barbecue in the courtyard of the Innsbrook restaurant.

The BIG NEWS is that the Consensus Congress approved the Strategic Plan! After the Leadership Conference was over, the Consensus Congress met to finalize the Strategic Plan. The group met practically all day Saturday in general sessions and break out groups reviewing the plan. Each item was reviewed and discussed as to its intent and whether it reflected the long term goals for our Society. Items were modified, changed, deleted and a lot of "wordsmithing" was done. The final result was a consolidated, direct and focused Strategic Plan that was approved unanimously at the Board of Directors meeting held on Sunday. The plan will now be presented at the annual meeting for adoption. Congratulations go out to everyone involved in the development of the Strategic Plan. As soon as the Plan is published, a copy will be included in our newsletter.

FES 50th ANNIVERSARY CELEBRATION 2001

The Northeast Florida Chapter of the FES will be celebrating its 50th anniversary next year. In an effort to make the event a memorable one, a Celebration Committee has been formed and is diligently working planning the activities. In this issue of ENVISION, there is a survey the Committee has prepared soliciting input on the activities. Everyone is encouraged to respond to the survey. We want this to be a enjoyable event for all, and your response will count.

HELP IS HERE!

For those of you that are over worked, help is at hand. Daniel Arnett, JU NSPE president, is looking for summer internship positions. Many of the student chapter NSPE club members are available for the summer and eager to work. Their interests and majors vary from civil to biomedical engineering. If anyone can help support our local university engineering programs by providing internships, please contact Dan by phone at 745-2076, or by e-mail at Marvarnett@hotmail.com.

NEW COUNTY ENGINEER FOR ST. JOHNS

After months of looking, St. Johns County has hired KEN SCHER, P.E. as their county engineer. Mr. Scher brings with him over 25 years of experience, over 10 of which was with the Florida Department of Transportation, District II, where he was a Client Project Manager. Mr. Scher will start with St. Johns County on May 31, 2000 and will be a welcome addition to the County.

EXECUTIVE COMMITTEE MEETINGS

As with the luncheons, the Executive Committee meetings will suspended until August. More details on the Executive Committee meeting will be available in the next issue of ENVISION. The board encourages the participation of members in the activities of the chapter.

COMING EVENTS

(Further details in this issue or future issues)

DATE	EVENT
June 15, 2000	Officer Installation Dinner
September, 2000	Joint meeting @ UNF
FES Annual Meeting	August 3, 4 & 5 @ Renaissance Vinoy, St. Petersburg

MILESTONE ANNOUNCEMENTS

The slate of officers for the year 2000-2001 follows:

President	Suzanne LeViseur, P.E.
President Elect	Bob Kosoy, P.E.
Treasurer	David Peigler, P.E.
Secretary	Mark Mechling, P.E.
State Director	Ken Loefgren, P.E.

1999-2000 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	John E. Ellis, II, P.E.	W 904-880-0960
		F 904-880-0970
Pres. Elect	Suzanne LeViseur, P.E.	W 904-246-0081
		F 904-246-6288
Treasurer	Bob Kosoy, P.E.	W 904-247-5834
		F 904-247-5843
Secretary	David Peigler, P.E.	W 904-367-8683
		F 904-733-6621
State Dir.	Ken Loefgren, P.E.	W 904-396-5173
		F 904-396-7503
FES TALLAHASSEE OFFICE		P 800-277-0086
		P 850-224-7121

COMMITTEE CHAIRPERSONS

Activities	Mark Mechling, P.E.	W 904-880-0960
		F 904-880-0970
Adopt-a School		
	Andy Cummings, P.E.	W 904-249-7995
		F 904-241-1126
Awards	Allan Boree, P.E.	W 904-279-2312
		F 904-279-2491
Communications		
	Dan Holmes, P.E.	W 904-287-9750
		F (phone first)
Conservation & Environmental Quality		W 904-
		F 904-
Directory/Hist.		
	Don Ditzenberger, P.E.	H 904-743-6946
Ethics	Bruce Taylor, Ph.D., P.E.	W 904-731-7040
		F 904-731-9847
EIT/PE Refresher Course		
	Eric Hendra, P.E.	W 904-367-8683
		F 904-733-6621
	Bruce Myhre, P.E.	W 904-367-8683
		F 904-733-6621
Eng'ers Week	Ken Loefgren, P.E.	W 904-396-5173
		F 904-396-5703
Habijax	Tamara Henderson, EI	W 904-724-3546
		F 904-724-9463
MATHCOUNTS		
	Terry Hull, P.E.	W 904-731-7040
		F 904-731-9847
	Ken Craig, P.E.	W 904-731-7040
		F 904-731-9847
Membership	Mike Hersey, P.E.	W 904-743-6950
		F 904-744-6267
Project CREATE		W 904-
		F 904-
Scholarship	Doug David, EI.	W 904-262-9991
		F 904-262-9996
Student Professional Development		
	James Horton, P.E.	W 904-396-5173
		F 904-396-5703

PRACTICE SECTION LIAISON

Professional Engineers in Government		
	George Knecht, P.E.	W 904-665-4426
		F 904-665-7368
Engineers in Education		W 904-
		F 904-
Engineers in Industry		
	Gene Tonn, P.E.	W 904-798-5662
		F 904-798-5700
FEC	Keith Kirwan, P.E.	W 904-786-1120
		F 904-783-2970
Institute of Consulting Engineers		
	Frank Wilson, P.E.	W 904-398-8636
		F 904-398-2968

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Jacksonville University		
	Dan Arnett	W 904-745-2076
		F 904-745-7582
Univ. of North Florida		
	Matt Little	W 904-620-3880
		F 904-620-2975

FES 50th Anniversary Celebration - 2001

The Northeast Florida Chapter of the Florida Engineering Society will be 50 years young next year. To celebrate this momentous occasion, the chapter has assigned a committee to prepare celebration plans. As you may guess, there is a wide array of interests from our diverse membership but only a few people on this committee. As such, the committee is seeking information concerning activities which our membership would be interested in attending. We have a few ideas which are listed below and also welcome any other suggestions you may have.

Along the way, we will be looking for sponsors to help defray some of the costs in order to reduce the event's costs and thus pass these savings along to the members. So, please take a minute and complete this extremely short survey and fax it back to Mike Lithman at 880-0970 by June 23, 2000. Indicate your selection by placing a checkmark adjacent to your choice or write-in your own suggestion. We will compile the results and proceed to develop plans for an event that is appropriate for the occasion but also one for which the membership shows the most support.

Thanks,

50th Celebration Committee

Bruce Taylor (Co-chairman)
Mike Lithman (Co-chairman)
Suzanne LeViseur
Don Ditzenberger
Mike Hersey

Choice	Plan		Estimated Cost per Person
	A	Weekend events at Amelia Island Plantation - Saturday Night Dinner Dance and 1 night stay at the resort	$150
	B	Weekend events at Amelia Island Plantation - Friday Night Mixer and Saturday Night Dinner Dance with 2 nights stay at the resort	$250
	C	Dinner Dance at local country club or similar facility	$50
	D	Weekend events at World Golf Village - Saturday Night Dinner Dance and 1 night stay at the resort	$115
	E	Weekend events at World Golf Village - Friday Night Mixer and Saturday Night Dinner Dance with 2 nights stay at the resort	$185
	F	Other - Write-in Suggestion	

Fax Back to Mike Lithman @ 904-880-0970 by June 23, 2000.

ENVISION

FES/ASCE/SAME JOINT LUNCHEON TUESDAY, SEPTEMBER 19, 2000

PLEASE NOTE THE SPECIAL LOCATION FOR THIS LUNCHEON ONLY!

Time:	Registration 11:30 AM Luncheon 12:00 noon
Location:	University of North Florida University Center, Room 1044 (See directions in this issue)
Speakers:	Neal S. Coulter, Dean Dr. Joe Campbell, P.E.
Topic:	An exciting update on the UNF's College of Computing Sciences and Engineering (see "About the Program")
Cost:	$17.00 (this luncheon only) * Students! Call John Ellis, II, PE at 904-880-0960 about reduced rates.
Host:	FES

* The "Signature Entrée" is Pecan Crusted Florida Grouper with fried bananas and an orange blanc. Included will be garden salad with choice of dressings, Chef's choice of potato, rice or pasta and fresh vegetable accompaniments, rolls, butter, dessert, iced tea, and coffee service.

For reservations (or cancellations), call Joy Pacella at 904-246-0081. The deadline is noon Friday September 15, 2000. Payment may be made at the door. Sorry, "No Shows" will need to be invoiced for the cost of the meals.

ABOUT THE PROGRAM

Neal S. Coulter is Dean of the College of Computing Sciences and Engineering (COCSE) and Dr. Joe Campbell, P.E., Engineering Director. The program will cover an overview of COCSE and a summary of the engineering programs. Included will be a description (hopefully with model) of UNF's new Science Engineering Building, scheduled to open fall 2002. EE is taught now, civil engineering begins this coming fall term and mechanical engineering begins the fall of 2001. Most of the engineering faculty is expected to be present.

DIRECTIONS

If taking Beach or Atlantic Blvd.: at Kernan Road, go south to Alumni Drive (entrance to UNF) and after turning into campus, make first left to University Center.

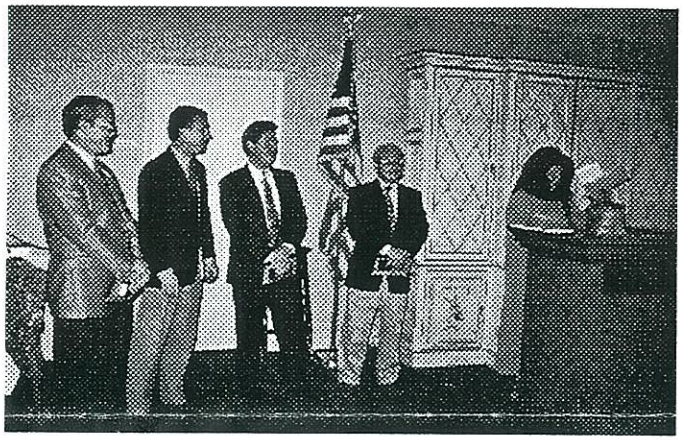
If taking J. Turner Butler Blvd.: take Kernan Road exit and turn left into campus then make first left.

EXECUTIVE COMMITTEE MEETINGS

The next Executive Committee meeting will be held at 4:30 P. M. Wednesday, September 13, 2000 in the meeting room of the Regency Library. All members are welcome to attend. Time and place of future meetings will be in future issues.

The board encourages the participation of members in the activities of the chapter. Please review the list of committees at the end of this newsletter and call one of the officers to offer to fill a vacancy.

OFFICER INSTALLATION DINNER



The annual Officer Dinner and Installation Ceremony for 2000-2001 officers was held at Deerwood Country Club, June 15, 2000. Pictured above are the new officers following their installation by outgoing president, John Ellis II, P.E. From right to left are: Suzanne LeViseur, P.E., President; Bob Kosoy, P.E., President Elect; David Peigler, P.E., Treasurer; Mark Mechling, P.E., Secretary; and Ken Loefgren, P.E., State Director.

HABIJAX NEEDS YOUR HELP

Starting September 5th and continuing through the 22nd of September, Habijax will be involved in the Jimmy Carter Work Project. One hundred homes will be built during this short 17-day period. ASCE has scheduled an outing for Saturday, September 16th to help Habijax build a community. No experience is required. Volunteers are needed for everything from construction to serving lunch. Any help you're willing to give will be greatly appreciated. Anyone interested in participating, please contact Tamara Henderson, E.I. at 904-724-3546 to obtain pre-registration forms and directions.

ASCE will also take part in the final inspections for the homes built during the "Work Project". Twenty homes will be inspected per day starting September 18th. Four to five inspectors will be needed each day. Each home inspection will take about an hour and training can be set up for those who have never conducted inspections. If you are interested, please contact Sam Eisenberg at 904-388-8303.

MILESTONE ANNOUNCEMENTS

The awards committee is requesting recommendations for FES "Young Engineer of the Year" award. Forms can be obtained from, and when completed, submitted to the Awards Committee chairman, Allan Boree, P.E. 904-665-4468 by Wednesday, November 15, 2000.

ENGINEERING ETHICS

The following is taken from ENGINEERING TIMES captioned YOU BE THE JUDGE.

Although they often make decisions using precise scientific principles, engineers work in a complex and diverse world where answers to ethical, business, human relations, and engineering questions are often varying shades of gray. Many engineers have turned through the years to NSPE's Board of Ethical Review (BER) for impartial help in making ethics judgment calls. Want to try your hand at deciding a case? Following is a situation posed to the BER.

THE SITUATION

Polly Tishan, P.E., is a prominent professional engineer in her community. She decides to run for political office in Smith County and uses as her slogan the following: "Polly Tishan: Engineering a Better Smith County." In a neighboring county, Paul E. Ticks, a sole practitioner, markets himself as "The Everything Engineer" in advertising slogans and sales promotions.

WHAT DO YOU THINK?

Was it ethical for Polly Tishan to use the slogan "Polly Tishan: Engineering A Better Smith County" when running for political office? Was it ethical for

Paul E. Ticks to market himself as "The Everything Engineer" in advertising slogans and sales promotions?

NEXT MONTH

A short summary of its decision will be in the next issue of ENVISION. Watch for it.

MEMBERSHIP

FES members are encouraged to invite their engineering friends and associates to become members. If you would like help or information on how to go about it, call Mike Hersey, PE at 904-743-6950.

2000-2001 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
Pres. Elect	Bob Kosoy, PE	W 904-247-5834 F 904-247-5843
Treasurer	David Peigler, PE	W 904-367-8683 F 904-733-6621
Secretary	Mark Mechling	W 904-880-0960 F 904-880-0970
State Dir.	Ken Loefgren, PE	W 904-396-5173 F 904-396-5703
FES TALLAHASSEE OFFICE		P 800-277-0086 P 850-224-7121

COMMITTEE CHAIRPERSONS

Activities		W 904- F 904-
Adopt-A-School		W 904- F 904-
Awards	Allan Boree, PE	W 904-665-4468 F 904-665-4276
Communications	Dan Holmes, PE	H 904-287-9750 F (phone first)
Conservation & Environmental Quality		W 904- F 904-
Directory/Hist.	Don Ditzenberger, PE	H 904-743-6946
Ethics	Mike Lithman, PE	W 904-880-0960 F 904-880-0970
PE/EI Review Course	Eric Hendra, PE	W 904-367-8683 F 904-733-6621
	Bruce Myhre, PE	W 904-367-8683 F 904-733-6621
Eng'ers Week	Ken Loefgren, PE	W 904-396-5173 F 904-396-5703
Habijax	Tamara Henderson, EI	W 904-724-3546 F 904-724-9463
MATHCOUNTS	Terry Hull, PE	W 904-731-7040 F 904-731-9847
	Scott Johnson, PE	W 904-721-1888 F 904-721-8464
Membership	Mike Hersey, PE	W 904-743-6950 F 904-744-6267
Project CREATE		W 904- F 904-
Scholarship	Doug Davis, EI	W 904-262-9991 F 904-262-9996
Student Professional Development	John Ellis, II, PE	W 904-880-0960 F 904-880-0970

FLORIDA PRACTICE SECTION LIAISON

Professional Engineers in Government	Bob Kosoy, PE	W 904-247-5834 F 904-247-5843
Engineers in Education	Joe Campbell, PE	W 904-620-1390 F 904-620-1391
Engineers in Industry	Gene Tonn, PE	W 904-798-5662 F 904-798-5700
Engineers in Construction	David Boree, PE	W-904-388-2696 F--904- 389-4901
Institute of Consulting Engineers	Frank Wilson, II, PE	W 904-398-8636 F 904-398-2968

STUDENT CHAPTER REPRESENTATIVES

Jacksonville University	W 904- F 904-
Univ. of North Florida	W 904- F 904-

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