

ENVISION

SAME/ASCE/FES JOINT LUNCHEON

DATE: Tuesday, April 20, 1999

LOCATION: Ramada Inn, Mandarin*
I-295 & San Jose Blvd.
Ph: 904-268-8080

TIME: Registration – 11:30 am
Luncheon – 12:00 noon
Program – 12:30 pm

PROGRAM: Fuller Warren Bridge Up-Date

SPEAKER: George Mayforth
Parsons, Brinckerhoff Construction
Services

COST: \$12.00**

RESERVATIONS: Deadline for reservations (or cancellations) is noon Friday, April 16, 1999. Call Chanelle Williams at 904-724-3546. It is necessary to invoice "no shows" for the cost of the meal.

*The Ramada Inn is at 3130 Hartley Road on the northeast corner of I-295 and San Jose Blvd. --- EXIT 2.

**The chapter is currently underwriting the cost of engineering student luncheons and "first time" potential members. Members are also encouraged to bring such guests. Be sure to provide the names of guests when making reservations for complimentary luncheons. Contact John Ellis, II, PE at 904-880-0960 if you need additional information.

R. BRUCE TAYLOR, PhD., P. E. WINNER OF 1999 NSPE AWARD

Bruce Taylor, PhD., P.E., has been selected to receive the prestigious national NSPE award. Those of us acquainted with Bruce know this is well deserved. Some of the previous recipients include President Herbert Hoover and former Governor of Puerto Rico, Luis A. Ferre. Personal, sincere congratulations, Bruce, from your Northeast Florida Chapter. See page 2 for the details of this honor.

EXECUTIVE COMMITTEE MEETINGS

The next Executive Committee meeting will be held at 4:30 P. M., Wednesday, April 28, 1999 in the offices of Law Engineering. They are located at 3901 Carmichael Ave. All members are welcome to attend. Executive Committee meetings are held on the last Wednesday of the month. The board encourages the participation of members in the activities of the chapter. Please review the list of committees in this issue and call a chairperson to offer your help.

NOMINATING COMMITTEE ANNOUNCEMENT

The report of the chapter nominating committee for next year's officers will be made at the April meeting. Other nominations will be accepted from the floor during the meeting.

AWARDS???

For Awards Committee information and deadlines, call Awards Committee Chairmen Allan Boree, PE, FES, at 904-307-7032, FAX 904-665-7950 or Suzanne LeViseur, PE, at 904-246-0081

**R. BRUCE TAYLOR, Ph.D., P.E.
NAMED WINNER OF 1999 NSPE AWARD**

ALEXANDRIA, VA -- R. Bruce Taylor, Ph.D. P.E., of Jacksonville, Florida, will be honored by the National Society of Professional Engineers (NSPE) with its most prestigious NSPE Award. The award is given to recognize eminence attained by technical contributions to the field of engineering and by exceptional contributions to the engineering profession, public welfare, and humankind. NSPE President Robert L. Sylar, P.E., will present the award on July 16, 1999 at the NSPE Annual Convention and Exposition in Spokane, Washington.

Dr. Taylor's entire life has been intimately linked to the engineering profession. In 1956, at age 14, he entered the Baltimore Polytechnic Institute, one of the country's leading engineering preparatory high schools. Upon graduation in 1960, he entered the United States Naval Academy where he was one of a select group of midshipmen picked by Admiral Hyman Rickover for advanced studies in nuclear engineering. Graduating with distinction in the top ten percent of his class, Dr. Taylor began two years of advanced engineering and operational training as a nuclear submarine officer. Following three and a half years at sea, he resigned from the Navy to pursue his graduate education in engineering.

In 1971, he received his Master of Science Degree in Ocean Engineering from the University of Miami's Rosenstiel School of Marine and Atmospheric Science. In 1974, he completed his doctoral studies at the University of Florida, receiving his Ph.D. in Civil and Coastal Engineering. Dr. Taylor entered private engineering practice in Jacksonville and in 1983, founded Taylor Engineering, Inc. where he serves as company president. He currently holds a Certificate of Continued Professional Development from the Florida Engineering Society (FES).

Since joining FES in 1977, Dr. Taylor has been an active and contributing member serving on various chapter committees, on the state MATHCOUNTS committee, the state Engineering Education Committee, and ascending through the chairs of the Northeast Florida Chapter, including the position of Chapter President in 1997. He was selected to receive the FES Outstanding Technical Achievement Award in 1997; and in 1998, he was recognized as the FES Engineer of the Year.

Dr. Taylor continues to be active in other professional, technical and industry organizations including Fellow Member of the American Society of Civil Engineers, Society of American Military Engineers, and Western Dredging Association.

Dr. Taylor believes in helping young people and serves his community tirelessly in numerous programs including the Northeast Florida FEEDS Advisory Council and the Engineering Advisory Council for the College of Engineering and Computer Science at the University of North Florida, chairing each of these councils in 1990 and 1992 respectively. He is also currently a member of the University of Florida Coastal and Oceanographic Engineering Visiting Committee, Chairman of the American Jr. Golf Association Tournament; past president of the Julington Creek Athletic Association, as UNF Caddie Program Coordinator, and Junior League Baseball Coach for 12-16 year olds.

NSPE is the national organization representing licensed engineers from all technical disciplines. Founded in 1934, NSPE serves over 60,000 members and the public through more than 500 chapters and 54 State and territorial societies.

**1999 NATIONAL ENGINEERS WEEK
BANQUET**

If you were unable to attend, we missed you and wish you had been there. It was a great event. The program and setting served the occasion very well. The welcome was given by Andy Cummings and the invocation by Don Ditzenberger, followed by the Pledge of Allegiance. The highlights of the evening, in addition to a great meal, were: an update of University of North Florida Engineering school by Dean Neil Coulter; the keynote speaker, Ms. Teri Robertson; announcement of Scholarships awarded; and the presentation of FES awards by Jim Horton, substituting for Suzanne LeViseur.

Those receiving the FES awards were:

Engineer of the year – James England, PE
Young Engineer of the Year – Danette Bell, PE
Technician of the year – Robert Jenkins
Teacher of the Year
John Walters, Orange Park High School
Steve Berry, Raines High School

The keynote speaker, Ms. Robertson, is the Director of Training and Development at Sea World of Florida. Her responsibilities extend far beyond that, however, since she conducts team-building workshops and motivational

programs for outside clients that include private, governmental and professional conferences. The presentation was entertaining as well as motivational, stressing the importance of being thoughtful and helpful to others. She stressed the things people need to be aware of in order to be successful. The need to make others feel good, the need to have faith and trust in others; the need to realize we can't do much solo; the need to thank those who have helped us. Everyone can help others if they will just search for the ways to do it.

FES ACTIVITIES

Habijax Update

We have one more Habijax day scheduled for this year (May 15th). Call Mitch Blanco at 724-3546 for more details.

FES Night. At the Jacksonville Suns

On Friday, May 14, 1999, we will hold our second 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 \$12.95, you can enjoy All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and cold beer for an hour before the game, and a ticket to the game against the Orlando Rays. **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 (see last page of this month's ENVISION) along with your payment **no later than May 5** to purchase your tickets. For additional information, contact Mark Mechling at 880-0960. We'll see you at the ball park.

Officer Installation Dinner

This year's Officer Installation Dinner will be held on June 10, 1999 at Deerwood Country Club. Details will be in future issues but please mark this on your calendar now to avoid a later conflict.

HONORS TO OTHER MEMBERS

The chapter is proud to recognize the following who recently achieved CCPD Renewals:

Lesli M. Lewis, P.E.
Jeffrey S. Martin, P.E.

CODE OF ETHICS FOR ENGINEERS

The following is taken from the "NSPE Code of Ethics for Engineers" and includes "II. Rules of Practice 2. a., b., c. and 3. a., b., c." Portions of the Code are provided in ENVISION on a continuing basis as a reminder of our commitment to the engineering profession.

2. Engineers shall perform services only in the areas of their competence.

a. Engineers shall undertake assignments only when qualified by education or experience in the specific technical fields involved.

b. Engineers shall not affix their signatures to any plans or documents dealing with subject matter in which they lack competence, nor to any plan or document not prepared under their direction and control.

c. Engineers may accept assignments and assume responsibility for coordination of an entire project and sign and seal the engineering documents for the entire project, provided that each technical segment is signed and sealed only by the qualified engineers who prepared the segment.

3. Engineers shall issue public statements only in an objective and truthful manner.

a. Engineers shall be objective and truthful in professional reports, statements or testimony. They shall include all relevant and pertinent information in such reports, statements or testimony.

b. Engineers may express publicly a professional opinion on technical subjects only when that opinion is founded upon adequate knowledge of the facts and competence in the subject matter.

c. Engineers shall issue no statements, criticisms or arguments on technical matters which are inspired or paid for by interested parties, unless they have prefaced their comments by explicitly identifying the interested parties on whose behalf they are speaking, and by revealing the existence of any interest the engineers may have in the matters.

ASCE AND RED CROSS JOINT EFFORT DAMAGE ASSESSMENT TRAINING COMING IN APRIL

ASCE and The American Red Cross have a formal Statement of Understanding to create a working relationship for which cooperation may be mutually beneficial. In order to strengthen this relationship, you are encouraged to obtain the Damage Assessment training conducted by the Red Cross. The training involves 6 hours of instruction (3 hours of Introduction to Disaster Services and 3 hours of Damage Assessment I). Upon completion of

the training, participants may wish to serve in a Damage Assessment function during disaster recovery efforts under the control of the Red Cross.

The schedule for conducting the training for ASCE members (other society members are also welcome) is April 7th and 14th and will be comprised of two 3-hour sessions from 4 to 7 p.m. If you would like to know the location or to obtain more information, contact Darrell Setser at 904-396-5173 or dseter@lawco.com. Certificates of completion and Professional Development Hours (PDH) credit will be issued.

1998-1999 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	Mike Lithman, PE	W 904-880-0960 F 904-880-0970
Pres. Elect	John Ellis, II, PE	W 904-880-0960
Treasurer		F 904-880-0970
Secretary	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
State Dir.	Scott Johnson, PE	W 904-721-1888 F 904-721-8464
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 904-307-7032 F 904-665-7950
	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
Communications	Dan Holmes, PE	H 904-287-9750 F (phone first)
	Ed Mueller, PE	H 904-398-9687
Conservation & Environmental Quality	David Apple, PE	W 904-448-4340 F 904-448-4366
Directory/Hist.	Don Ditzenberger, PE	H 904-743-6946
Ethics	Bruce Taylor, PhD, PE	W 904-731-7040 F 904-731-9847

EIT/PE Refresher Course

John McGarity, EI	W 904-367-8683 F 904-733-6621
Eric Hendra, PE	W 904-367-8683 F 904-733-6621

Engineers Week

Ken Loefgren, PE	W 904-396-5173 F 904-396-5703
Habijax Mitch Blanco	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
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Project CREATE Scholarship

John Ellis, II, PE	W 904-880-0960 F 904-880-0970
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Student Professional Development

George Knecht, PE	W 904-665-4426 F 904-665-7950
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 904-665-7950
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Engineers in Education

Engineers in Industry

Gene Tonn, PE	W 904-798-5662 F 904-798-5700
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Institute of Consulting Engineers

Frank Wilson, PE	W 904-398-8636 F 904-398-2968
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STUDENT CHAPTER REPRESENTATIVES

Jacksonville University

Kim Bryan	W 904-632-3460 F 904-632-3447
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University of North Florida

Matthew Little	W 904-388-4415
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PLAY BALL!



NIGHT AT THE SUNS

JACKSONVILLE SUNS VS. ORLANDO RAYS

Special Appearance By "The Famous Chicken"

WHEN: FRIDAY, MAY 14, 1999
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: \$12.95/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 5, 1999

PLEASE SEND ME _____ TICKETS @ \$12.95/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

NORTHEAST CHAPTER OF THE FLORIDA ENGINEERING SOCIETY
SPECIAL BULLETIN

***YOU ARE
INVITED***

***JU FES
STUDENT
CHAPTER
PICNIC***

***Come meet our Jacksonville
University, FES Student
Chapter, students.***

***This event has been well
attended by FES members
and allows the students to
discuss engineering careers
with "real" engineers.***

FOOD: Bar B Que

COST: FREE

DATE:

Wednesday, April 21, 1999

TIME:

6:00 P. M.

LOCATION:

***Jacksonville University Campus
Nelms Building
Room 6A***

2800 University Blvd. North

Phone: 744-3950

Watch for the signs

R.S.V.P. : Kim Bryan - Phone: 632-3460

RESERVATION DEADLINE: Friday, April 16, 1999

ENVISION

OFFICERS FOR THE 1999 – 2000 FISCAL YEAR ANNOUNCED

Well, it's here, our step into the next century. Your chapter will be installing the following officers to serve as we enter Y2K.

President	John E. Ellis, II, PE
President Elect	Suzanne LeViseur, PE
Secretary	Robert S. Kosoy, PE
Treasurer	David F. Peigler, PE
State Representative	Kenneth H. Loeftgren, PE

Installation of the officers will take place during the Past Presidents Night Dinner on June 10, 1999. Be sure to reserve the date for you and guest now.

PRESIDENT'S MESSAGE

The general public has always held engineers in high esteem when asked about their views of various professionals. However, there has been concern that the engineer's public image could be even better and more awareness made to the public as to what engineers do. To this end, I am pleased to announce that the FICE Public Relations Committee has selected a PR consultant to address these issues for FICE member firms and consulting engineers. Their efforts hopefully will become evident in the upcoming months and help improve the image of all engineers.

If you weren't aware, two local engineers ran for City of Jacksonville Council seats and one engineer ran for the Supervisor of Elections

position. With term limits opening up many seats for elected positions, it's great to see that engineers are taking a strong interest in these opportunities to serve their community. This type of community exposure also will increase public awareness.

Our local Chapter also has been increasing our exposure in the community by participating in local civic activities. These activities include Habijax, St. Johns River Cleanup, MATHCOUNTS, Adopt-A-School and holiday season food drives. With the continued activities of our local engineers in their community and professional organizations and now supplemented by an increased PR effort at the State level, I am confident that the image and public awareness of engineers will only get stronger. I invite everyone to become active in the community either through FES programs or individually. Our civic involvement will go a long way to increase the public's awareness of engineers and enhance our image.

Mike Lithman, P.E.

MAY EVENT: FES NIGHT AT THE JACKSONVILLE SUNS

FRIDAY, MAY 14, 1999

**See details on page 3
and
reservation form on last page**

EXECUTIVE COMMITTEE MEETINGS

The next Executive Committee meeting will be held at 4:30 P. M., Wednesday, May 26, 1999 in the offices of Law Engineering. They are located at 3901 Carmichael Ave. All members are welcome to attend. Executive Committee meetings are held on the last Wednesday of the month. The board encourages the participation of members in the activities of the chapter. Please review the list of committees in this issue and call a chairperson to offer your help.

AWARDS (again!)

Again, it is with great pleasure that we announce another award for one of our Northeast Chapter members. Frank H. Wilson, II, P.E., of Fred Wilson Associates has been awarded the FES 1999 Award for Outstanding Technical Achievement. This award is given to an engineer that has achieved particular distinction in his/her technical field and for which the technical achievement enhances the engineering profession and makes contributions to the good of the public. The Northeast Florida Chapter of FES is extremely fortunate to have so many members of high abilities.

The following information was provided by Don Ditzenberger, P. E.

FRANK H. WILSON, II, P. E. RECEIVES FES OUTSTANDING TECHNICAL ACHIEVEMENT AWARD

During it's March meeting, the FES Board of Directors voted to present this year's Outstanding Technical Achievement Award to Frank H. Wilson II, P. E. Frank is being recognized for his contributions, commitment, and technical achievement as the Project Design Director for Fred Wilson & Associates, Inc. for the replacement of the Acosta Bridge in downtown Jacksonville, a \$155 million project. The new twin-span structure is a 1645-foot-long, five-span continuous concrete segmental bridge with a 630-foot-long asymmetrical main span that keeps the piers out of the deepest area of the river.

Completed in 1994, the new twin-span, multi-modal Acosta Bridge was built over the St. Johns River in downtown Jacksonville to replace the existing old Acosta, a three lane lift bridge completed in 1921. Since vehicular traffic could not be interrupted across the river at this location, the old bridge was left in

place until the first, or easternmost span of the new bridge, was completed. This span was then opened to traffic, the old bridge demolished, and the westernmost span of the new bridge constructed on the alignment of the old bridge. The median area of the new structure was designed to accommodate the guideway for the Automated Skyway Express, Jacksonville's downtown people mover system.

The new Acosta Bridge is truly an outstanding structure. As it flows through the downtown area of Jacksonville, the St. Johns River navigation channel extends along the north shore at the bridge site. Since the river is asymmetrical at this location, an asymmetrical bridge was required to be designed. Also, since the variable dimensions of the segments made the construction of the new bridge impractical and uneconomical as a precast concrete structure, it was designed as a concrete poured-in-place structure. In order to keep the piers out of the deepest part of the river, the center span of the 1645-foot-long, five-span continuous concrete segmental structure is 630 feet long making it one of the longest arch bridges in the southeastern United States. Since the cost of acquiring any appreciable additional property in Downtown Jacksonville was prohibitive, construction had to be accomplished basically within previously acquired right-of-way.

The connection of the new bridge to the downtown at-grade street network required a four-level interchange ramp system at the north end of the project. These ramps were designed and constructed in such a way so as to provide proper clearances and grades for the subsequent construction of the Automated Skyway Express downtown people mover system which was constructed within the restricted median area of the new bridge.

Frank, in his position as Director of Design for the Acosta Bridge Replacement Project for Fred Wilson & Associates, Inc., guided the day-to-day evolution of design and construction of the new bridge from its inception in project development until completion and use by the public. He will be recognized and presented his award at the FES Annual Meeting Awards Breakfast on July 31st in Palm Beach. Congratulations, Frank! The Northeast Chapter is proud of your accomplishment.

Award Information -

For Awards Committee information and deadlines, call Awards Committee Chairmen Allan Boree, PE, FES, at 904-307-7032, FAX 904-665-7950 or Suzanne LeViseur, PE, at 904-246-0081

FES ACTIVITIES

FES Night. At the Jacksonville Suns

On Friday, May 14, 1999, we will hold our second 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 \$12.95, you can enjoy All-You-Can-Eat hotdogs, hamburgers, popcorn, soft drinks, and cold beer for an hour before the game, and a ticket to the game against the Orlando Rays. 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 (in this month's ENVISION) along with your payment, no later than May 5,** to purchase your tickets. For additional information, contact Mark Mechling at 880-0960. We'll see you at the ballpark.

Habijax Update

The last Habijax day scheduled for this year is Saturday, May 15th. Call Mitch Blanco at 724-3546 for more details. You are encouraged to take part in this highly regarded, worthwhile project, designed to help the less fortunate.

Officer Installation Dinner

This year's Officer Installation Dinner will be held on June 10, 1999 at Deerwood Country Club. Please mark this on your calendar now to avoid a later conflict. Details will be in future issues.

WELCOME TO MEMBERS

The chapter is proud to recognize the following who have recently become new members:

Jeffrey S. Jackson, P. E.
Ellis & Associates, Inc.

C. Bryan Kyker, P. E.
Taylor Engineering, Inc.

Rajesh Srinivas, Ph.D., P. E.
Taylor Engineering, Inc.

Sean P. Vargas, P. E.
Wolf Technologies

CODE OF ETHICS FOR ENGINEERS

The following is taken from the "NSPE Code of Ethics for Engineers" and includes "II. Rules of Practice 4.0 - 5.0" Portions of the Code are being included in ENVISION for guidance in our daily activities.

4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees.
 - a. Engineers shall disclose all known or potential conflicts of interest to their employers or clients by promptly informing them of any business association, interest, or other circumstances which could influence or appear to influence their judgment or the quality of their services.
 - b. Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed to, and agreed to by, all interested parties.
 - c. Engineers shall not solicit or accept financial or other valuable consideration directly or indirectly, from contractors, their agents, or other parties in connection with work for employers or clients for which they are responsible.
 - d. Engineers in public service as members, advisors or employees of a governmental or quasi-governmental body or department shall not participate in decisions with respect to professional services solicited or provided by them or their organizations in private or public engineering practice.
 - e. Engineers shall not solicit or accept a professional contract from a governmental body on which a principal or officer of their organization serves as a member.
5. Engineers shall avoid deceptive acts in the solicitation of professional employment.
 - a. Engineers shall not falsify or permit misrepresentation of their, or their associates', academic or professional qualifications. They shall not misrepresent or exaggerate their degree of responsibility in or for the subject matter of prior assignments. Brochures or other presentations incident to the solicitation of employment shall not misrepresent pertinent facts concerning employers, employees, associates, joint ventures or past accomplishments with the intent and purpose of enhancing their qualifications and their work.
 - b. Engineers shall not offer, give, solicit or receive, either directly or indirectly, any political contribution in an amount intended to influence the award of a contract by public authority, or which may be reasonably construed by the public of having the effect or intent to influence the award of a contract. They shall not offer any gift or other valuable consideration in order to secure work. They shall not pay a commission, percentage or brokerage fee in order to secure work except to a bona fide employee or bona fide established commercial or marketing agencies retained by them.

1998-1999 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	Mike Lithman, PE	W 904-880-0960 F 904-880-0970
Pres. Elect	John Ellis, II, PE	W 904-880-0960 F 904-880-0970
Treasurer		
Secretary	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
State Dir.	Scott Johnson, PE	W 904-721-1888 F 904-721-8464
FES TALLAHASSEE OFFICE		P 800-277-0086 P 850-224-7121

COMMITTEE CHAIRPERSONS

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	Ed Mueller, PE	H 904-398-9687
Conservation & Environmental Quality	David Apple, PE	W 904-448-4340 F 904-448-4366
Directory/Hist.	Don Ditzenberger, PE	H 904-743-6946
Ethics	Bruce Taylor, PhD, PE	W 904-731-7040 F 904-731-9847
EIT/PE Refresher Course	John McGarity, EI	W 904-367-8683 F 904-733-6621
	Eric Hendra, PE	W 904-367-8683 F 904-733-6621
Engineers Week	Ken Loefgren, PE	W 904-396-5173 F 904-396-5703
Habijax	Mitch Blanco	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
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Project CREATE

Scholarship

John Ellis, II, PE	W 904-880-0960 F 904-880-0970
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Student Professional Development

George Knecht, PE	W 904-665-4426 F 904-665-7950
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 904-665-7950
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Engineers in Education

W
F

Engineers in Industry

Gene Tonn, PE	W 904-798-5662 F 904-798-5700
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Institute of Consulting Engineers

Frank Wilson, PE	W 904-398-8636 F 904-398-2968
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STUDENT CHAPTER REPRESENTATIVES

Jacksonville University

Kim Bryan	W 904-632-3460 F 904-632-3447
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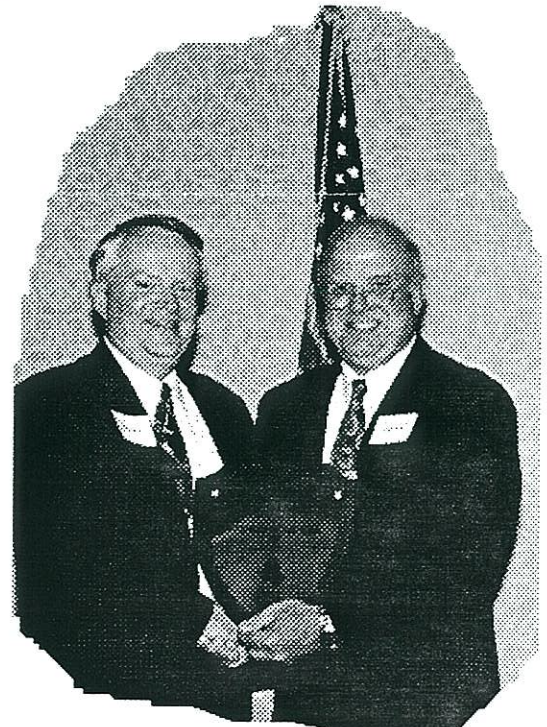
University of North Florida

Matthew Little	W 904-388-4415
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**A PICTURE REVIEW OF THE
ENGINEERS WEEK BANQUET
SPEAKERS AND AWARDS**
See your April ENVISION for details

Photos courtesy of Dole Kelley, PE



PLAY BALL!



NIGHT AT THE SUNS

JACKSONVILLE SUNS VS. ORLANDO RAYS

Special Appearance By "The Famous Chicken"

WHEN: FRIDAY, MAY 14, 1999
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: \$12.95/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 5, 1999

PLEASE SEND ME _____ TICKETS @ \$12.95/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

ANNOUNCING OFFICER INSTALLATION DINNER AND CEREMONY FOR 1999 - 2000

Date: **Thursday, June 10, 1999**

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
and Salmon
Chef's Choice of Starch and
Vegetable
Rolls, Butter, Coffee & Tea
Dessert – NY Style Cheesecake with
Grand Marnier Topping

Program: Officer Installation

Cost: \$27.00 Per Person - (NE Florida
Chapter Past Presidents Free)

Deadline for Reservations is 12:00PM,
Monday, June 7, 1999

RSVP: Call Debbie Hall
Phone - 904-880-0960, ext. 32

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.

PRESIDENT'S MESSAGE

As with all good things, time flies by quickly. I have been very fortunate during this past year to serve the members of the Northeast Chapter of the Florida Engineering Society as your President. During this period, with your help, our Chapter has been very successful in many endeavors. As of the time I am preparing this message, our Chapter achieved the highest rating for the Large Chapter category for member retention. I would like to thank all of the Executive Board and Committee Chairpersons for the time and effort they have spent to provide quality leadership and activities for our Chapter. The fruits of their efforts have resulted in the high retention rate for our Chapter.

But we're not done yet. We plan to start next year's efforts early and strong. We will be hosting a breakfast meeting September 14, 1999 with all of our area's engineering firms, local government agencies and Florida Engineering Society representatives from Tallahassee. This breakfast meeting will allow the participants to meet with each other as well as our State FES leaders. More details will be forthcoming so keep your eyes open and mark your calendar now as you won't want to miss this event.

Thanks for allowing me to serve as your President.

Mike Lithman, P.E.

WELCOME TO NEW MEMBERS

The chapter is proud to recognize the following who have recently become new members:

Antoinette (Tina) Meskel, E.I.
Ellis & Associates, Inc.

Robert L. Connors, P.E.
Prudential Florida Realty

Lake Ray, III, P.E.
Harbor Engineering Company

**LAKE RAY III, P.E.
ELECTED TO CITY COUNCIL**
by Don Ditzenberger, P.E.

As a result of the municipal elections held in Jacksonville in mid-April, Lake Ray III, P.E. will represent District 1 on the Jacksonville City Council for the next four years. Lake is a graduate of the University of Florida with a bachelor's degree in Civil Engineering and is currently president of Harbor Engineering, Inc., a firm founded by his father Lake Ray Jr. in 1960. Lake is married, has three children, and is a member of the Florida Engineering Society. District 1 is in the Arlington area extending from the Arlington Expressway north to the St. Johns River and from the Mathews Bridge to a few blocks east of Regency Square. His term will begin on July 1st.

**R. BRUCE TAYLOR, Ph.D., P. E.
FES FELLOW MEMBER**
by Don Ditzenberger, P.E.

Congratulations are in order for R. Bruce Taylor, Ph.D., P.E. who was awarded Fellow membership in the Florida Engineering Society by the FES Board of Directors in April. He becomes one of only 13 professional engineers so recognized in the Northeast Florida Chapter.

To be selected for this honor an individual must have been a practicing engineer for a minimum of 20 years; have been a member of FES for at least 10 years and at the time of selection be a Professional Engineer member; 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 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 other FES awards, a CCPD is also mandatory. Bruce more than meets these requirements. A practicing engineer for more than 25 years, he is currently president of Taylor Engineering, Inc. which he founded here in Jacksonville in 1983. He moved up through the chairs of the Northeast Florida Chapter serving as President in 1997-98, and currently serves on the Florida Institute of Consulting Engineers (FICE) Board of Directors. He serves on numerous professional, technical, industry, and community boards and committees. In 1997, he was selected to receive the FES Outstanding Technical Achievement Award; in 1998 was recognized as FES Engineer of the Year; and in March was selected to receive this year's NSPE Award, the highest individual honor presented by the National Society of Professional Engineers.

CODE OF ETHICS FOR ENGINEERS

The following is from the "NSPE Code of Ethics for Engineers" and includes III. 1. a. through III. 3. c. Portions of the Code are being included in ENVISION for guidance in our daily activities.

III. Professional Obligations

1. Engineers shall be guided in all their professional relations by the highest standards of integrity.
 - a. Engineers shall admit and accept their own errors when proven wrong and refrain from distorting or altering the facts in an attempt to justify their decisions.
 - b. Engineers shall advise their clients or employers when they believe a project will not be successful.
 - c. Engineers shall not accept outside employment to the detriment of their regular work or interest. Before accepting any outside employment they will notify their employers.
 - d. Engineers shall not attempt to attract an engineer from another employer by false or misleading pretenses.
 - e. Engineers shall not actively participate in strikes, picket lines, or other collective coercive action.
 - f. Engineers shall avoid any act tending to promote their own interest at the expense of the dignity and integrity of the profession.
2. Engineers shall at all times strive to serve the public interest
 - a. Engineers shall seek opportunities to be of constructive service in civic affairs and work for the advancement of the safety, health and well-being of their community.
 - b. Engineers shall not complete, sign or seal plans and/or specifications that are not of a design safe to the public health and welfare and in conformity with accepted engineering standards. If the client or employer insists on such unprofessional conduct, they shall notify the proper authorities and withdraw from further service on the project.
 - c. Engineers shall endeavor to extend public knowledge and appreciation of engineering and its achievements and to protect the engineering profession from misrepresentation and misunderstanding.

3. Engineers shall avoid all conduct or practice which is likely to discredit the profession or deceive the public.
 - a. Engineers shall avoid the use of statements containing a material misrepresentation of fact or omitting a material fact necessary to keep statements from being misleading or intended or likely to create an unjustified expectation, or statements containing prediction of future success.
 - b. Consistent with the foregoing, Engineers may advertise for recruitment of personnel.
 - c. Consistent with the foregoing, Engineers may prepare articles for the lay or technical press, but such articles shall not imply credit to the author for work performed by others.

1998-1999 FES NORTHEAST CHAPTER

CHAPTER OFFICERS

President	Mike Lithman, PE	W 904-880-0960 F 904-880-0970
Pres. Elect	John Ellis II, PE	W 904-880-0960 F 904-880-0970
Treasurer		
Secretary	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
State Dir.	Scott Johnson, PE	W 904-721-1888 F 904-721-8464
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 904-307-7032 F 904-665-7950
	Suzanne LeViseur, PE	W 904-246-0081 F 904-246-6288
Communications	Dan Holmes, PE	H 904-287-9750 F (phone first)
	Ed Mueller, PE	H 904-398-9687
Conservation & Environmental Quality	David Apple, PE	W 904-448-4340 F 904-448-4366
Directory/Hist.	Don Ditzenberger, PE	H 904-743-6946

Ethics	Bruce Taylor, PhD, PE	W 904-731-7040 F 904-731-9847
EIT/PE Refresher Course	John McGarity, EI	W 904-367-8683 F 904-733-6621
	Eric Hendra, PE	W 904-367-8683 F 904-733-6621
Engineers Week	Ken Loefgren, PE	W 904-396-5173 F 904-396-5703
Habijax	Mitch Blanco	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	John Ellis II, PE	W 904-880-0960 F 904-880-0970
Student Professional Development	George Knecht, PE	W 904-665-4426 F 904-665-7950
	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 904-665-7950
Engineers in Education		W 904- F 904-
Engineers in Industry	Gene Tonn, PE	W 904-798-5662 F 904-798-5700
Institute of Consulting Engineers	Frank Wilson, PE	W 904-398-8636 F 904-398-2968

STUDENT CHAPTER REPRESENTATIVES

Jacksonville University	Kim Bryan	W 904-632-3460 F 904-632-3447
University of North Florida	Matthew Little	W 904-388-4415

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ENGINEERING REFRESHER COURSE

PART I - FALL 1999

This fall, Part I of the Engineering Refresher Course will be offered to assist in preparing for the fundamental theory portion of the State Board Exams. In the spring of 2000, the Professional Engineering Refresher will cover the Principles and Practices of Engineering, and has been designed to assist with Part II of the State Board Exam.

The fall State Board Examination has been scheduled for October 30, 1999. You must have already completed and submitted your application to sit for this exam. For application forms and additional information on requirements for professional registration examinations, contact the Florida Department of Business and Professional Regulation, Board of Professional Engineers at (850) 521-0500.

An Electrical Engineering Refresher Course, sponsored by IEEE, may also be offered. Contact Fred Wilson and Associates, Inc. at (904) 398-8636 for additional information.

Fall Classes for the Part I E.I.T. Refresher Course will be held on Tuesday and Thursday nights from 6:30 p.m. to 9:30 p.m. beginning August 24, 1999. The scheduled time may be altered to meet the requirements of the review. Classes will be held at Englewood High School, 4412 Barnes Road, Jacksonville, Florida (north and east of I-95 and University Blvd.).

Registration for the Part I Engineer-In-Training refresher course will be held from 5:00 p.m. to 6:30 p.m. on Tuesday, August 10, 1999 at the offices of PBS&J 7785 Baymeadows Way, Suite 202, Jacksonville, Florida, 32256. Please complete and submit the accompanying application at the registration session.

The tuition fee for the Part I Refresher Course is \$200.00. Review Manuals will be available for purchase at the time of registration. All checks are to be made payable to the **Florida Engineering Society**. Purchase orders from local employers will also be accepted. Anyone registering after August 10, 1999, may be charged an additional \$15.00 late fee.

Contact Eric Hendra or John McGarity at (904) 367-8683 if you would like to order books, make alternate arrangements for registration or if you have questions concerning the E.I.T Refresher Courses.

APPLICATION FORM

**ENGINEER-IN-TRAINING REVIEW COURSE - PART I
FALL 1999**

1. NAME: _____
2. HOME ADDRESS: _____
_____ ZIP _____
3. HOME PHONE NO.: _____
4. COMPANY NAME: _____
5. WORK ADDRESS: _____
_____ ZIP _____
6. WORK PHONE NO: _____ FAX NO.: _____
7. FEES (PLEASE CHECK)

Engineer in Training Refresher	\$200.00	_____
Late Fee (if applicable)	\$15.00	_____

SUBTOTAL FEES \$ _____

EIT Review Manual	\$49.95	_____
EIT Solutions Manual	\$23.95	_____

SUBTOTAL BOOKS \$ _____

TOTAL AMOUNT DUE _____

8. DO YOU WANT A CERTIFICATE OF COMPLETION? YES _____ NO _____

REGISTERED BY: _____ DATE: _____

FOR TREASURER:

Amount Paid by Check	\$	_____
Amount Paid in Cash	\$	_____
Amount Paid by Purchase Order	\$	_____

TOTAL AMOUNT PAID \$ _____

EXTRA EXTRA

ANNOUNCING ENGINEER-IN-TRAINING REFRESHER COURSE FOR PROFESSIONAL ENGINEERS EXAM PART I - FALL 1999

REGISTRATION DATE: AUGUST 10, 1999

TIME: 5:00 P. M. TO 6:30 P. M.

LOCATION: JACKSONVILLE, FL (SEE DETAILS BELOW)

FEES:

TUITION \$200.00

MANUALS: E. I. T. Reference Manual \$49.95

E. I. T. Solutions Manual \$23.95

CLASSES: BEGIN AUGUST 24, 1999

LOCATION: ENGLEWOOD HIGH SCHOOL, JACKSONVILLE, FL

DAYS: TUESDAY AND THURSDAY

TIME: 6:30 P. M. TO 9:30 P. M.

APPLICATION FORMS: ATTACHED - OR - CALL 904-367-8683

ASK FOR ERIC HENDRA, P. E. OR JOHN MCGARITY, E. I.

**PLEASE MAKE THIS REFRESHER COURSE KNOWN TO ALL THOSE YOU BELIEVE
HAVE AN INTEREST IN FURTHERING THEIR PROFESSIONAL DEVELOPMENT**

AND FEEL FREE TO MAKE ADDITIONAL COPIES AS NEEDED

REGISTRATION will be held at the offices of Post, Buckley, Schuh & Jernigan, Inc., (PBS&J) in the reflections building 7785 Baymeadows Way, Suite 202, Jacksonville, FL 32256 on August 10, 1999 from 5:00 P. M. to 6:30 P. M. Please bring a completed application, tuition and book fees at that time. If you cannot make this registration date, mail or FAX (904-733-6621) or personally deliver your application to the attention of Eric Hendra, P.E. or John McGarity, E.I. at the PBS & J address.

PAYMENT AND DELIVERY OF BOOKS can be arranged for the first night of class. A schedule and map will be Faxed to you upon receipt of completed applications. Payment must be made to the Florida Engineering Society. Purchase orders from local employers will also be accepted. Those registering after August 10, 1999 may be charged an additional \$15.00 fee. Contact Eric Hendra, P.E. or John McGarity, E.I. at 904-367-8683 if you need to make special arrangements for registration or if you have questions concerning the E. I. T. Refresher Course. The refresher course is designed to give guidance and orientation in preparing for the State Board Examination. State Examination for Fall is scheduled for October 30, 1999. The Northeast Chapter of the Florida Professional Engineering Society sponsors the course.