



FSEA Newsletter

Summer 2010

The Florida Structural Engineers Association

State Board of Directors

Thomas A. Grogan, Jr., P.E.
President
thomas.grogan@haskell.com

Lewis Midlam, P.E.
Past-President
lew.midlam@lcm.com

Amy Miller, P.E.
President-Elect
amiller@nrmca.org

Glenn Amore, P.E.
Secretary
gamore@aestructural.com

Pablo Carreño, P.E.
Treasurer
pablosr@ca-engineers.com

Christine Olden
Executive Director
fseadirector@aol.com

Directors

Ronald Milmed, P.E.
r-milmed@bniengineers.com

Gregory McLellan, P.E.
mclellan@pegroup.com

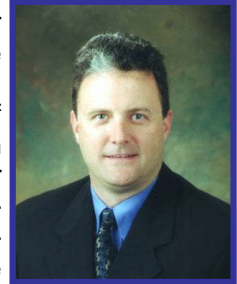
Fred Bowen, P.E.
fbowen@bowen-corp.com

Scott Martin, P.E.
smartin@walterpmoore.org

Richard Barrow, P.E.
Rich@LBEngineer.com

Matthew Lowe, P.E.
Mlowe@lowestructures.com

It's hard to believe 2010 is already half over. This year has seen numerous catastrophic events that have impacted the lives of many: earthquakes in Haiti, Chili, and Mexicali; the BP Pipeline disaster in the gulf which is still unresolved, and now the hurricane season is upon us. Though we often take our knowledge for granted, we as structural engineers do make a significant impact to the world in which we live. After any disaster, natural or man-made, it is imperative that we be able to count on teams of trained individuals to assist in the evaluation of buildings in order to return those rendered homeless back into an appropriate form of shelter as quickly as possible. Shortly thereafter, those teams should do likewise for impacted businesses.



Tom Grogan, PE
FSEA president

This past June, FSEA sponsored a seminar conducted by Scott Nacheman, M.Sc.Eng., of the Applied Technology Council (ATC). Scott presented the procedures for evaluating buildings for safety after a significant earthquake (ATC-20) or wind/flood (ATC-45) event. Those who attended now have that training and knowledge and can apply it to these situations. If you did not have a chance to attend, I strongly urge each of you to consider attending at a future date. I believe as structural engineers, we have an obligation to help after events like this.

In the last newsletter I addressed separate licensure for structural engineers in Florida. FSEA's licensure committee has met several times in that past few months and a brief summary of their accomplishments include developing a white paper, writing a draft modification, and meeting with other engineering associations.

The white paper discusses the concept in detail with examples of why we need this legislation. In addition, we prepared a one-page document which discusses why the Florida structural engineering community believes strongly that we need to "raise the bar" regarding structural registration. These documents are currently being shared with FES, FBPE, FICE and AIA for feedback. A copy has been placed on the FSEA website.

The draft modification to Florida Statute 471 (which addresses PE licensure) incorporates provisions for SE licensure. A draft has also been placed on the FSEA website.

A few members of the licensure committee attended several FES, FICE and FBPE board meetings. The informal feedback from these groups has been better than anticipated. Huge kudos to Roger Jeffery who has championed much of this effort. We are now awaiting formal feedback from these groups and the AIA to determine our next steps.

As engineers, what we do has a significant impact on the lives of those who use our structures. We will continue to need the support of all FSEA members as we move this legislature forward. Please feel free to contact me directly to discuss questions you may have.

I hope each of you spend some time with family and friends during these vacation months and enjoy all that Florida has to offer.

Tom can be reached at thomas.grogan@haskell.com.

Central Florida Chapter News



**Justin
Gatzemeyer, PE**
Central Chapter
president

Central Florida has been very active this spring with hosting three separate seminars/conventions. Starting in May, FSEA obtained space in the exhibit hall for a booth at the 2010 ASCE/NASCC Structures Congress & Steel Conference. The event attracted several thousand design professionals, detailers, fabricators and suppliers and was a great opportunity to reach out and grab some additional members for FSEA throughout the state.

Second, in early June, the CFL Chapter sponsored two continuing education credits on the subject of deck attachment technology in conjunction with HILTI. The seminar was free and at the end of the four hours all of the participants were able to get hands-on experience in using powder-actuated fastener machines and stand-up screw guns in a friendly competition. The winning and losing teams walked away with door prizes.

Lastly, FSEA in conjunction with NCSEA presented an ATC-20/45 Course on post-earthquake safety evaluation of buildings and safety evaluation of buildings after wind storms and floods in mid-June. I wasn't able to attend but I heard great reviews. Needless to say, we have had a lot of competition in the past few months and have not had a chance to hold our own local learning short luncheon. We plan on having one sometime this summer.

Justin can be reached at jgatzem@aestructural.com

Web Site Advertising Rates

Price is per annual basis

Your company logo with a link to your company's web site: \$250.00

Newsletter Advertising Rates

Price is per issue:

Business-card ad: \$25.00

1/4 page ad: \$50.00

1/2 page ad: \$100.00

Full-page ad: \$200.00

Northeast Florida Chapter News



Mike Herring, PE
Northeast Chapter
president

Greetings!! Our Northeast Florida Chapter is busy attending and planning various activities.

We recently had two successful general meetings with technical presentations. The topics were "Testing Methods for Deep Foundations" and "Tilt-Up Concrete Design". Both meetings were well received and had more than 30 attendees.

Our next general meeting is scheduled for July 27 and will feature Attorney Chris Cobb from the law firm of Tritt Henderson, presenting "Florida Construction Lien Law: What Engineers and Architects Need to Know". Mr. Cobb is recognized as an expert in construction law and has experience litigating a variety of construction defects and construction lien matters for developers, contractors, subcontractors, engineers, architects, surveyors, suppliers, lenders and insurance companies.

We are currently planning future meeting presentations on "Welding Methods and Testing", and "Latest Revisions to the Florida Building Code" (by the City of Jacksonville Building Department). Our Annual Social Event will be held on Thursday, August 19, similar to last year. Look for more information and details to follow.

Also, we will be furthering our participation in "Joint Engineering Society Happy Hours" with 12 other local chapters of the various societies (ASCE, FES, SAME, etc.). These have been extremely successful and are a great way to network and socialize.

We encourage all Northeast Florida structural engineers to become members of our Chapter and attend our meetings.

Michael can be reached at mikeh1787@comcast.net or (904) 288-0113.

Newsletter Information

Please submit all articles, photos and other news for the *FSEA Newsletter* to Christine Olden at fseadirector@aol.com or call 407-592-7876.

South Florida Chapter News

Greetings! The South Florida FSEA Chapter continues its efforts to increase membership and networking opportunities for our members. We are taking advantage of the summer break to finalize our remaining dinner seminars, social events and field trips.

Our Young Members Committee is officially up and running. The committee is being chaired by Christian (Chris) Aquino, EI. Chris helped organize social events and fundraisers for the University of Miami ASCE Chapter. Chris has already met with local AIA and ASCE chapter liaisons to coordinate our first joint social event. We are looking forward to our first event in August or September.

The Scholarship Committee has completed the scholarship guidelines. If approved by the state board, we will award our first scholarship in September.

We continue our technical seminars. Future events include a field trip to Industrial Galvanizers and an eight-hour seminar with the American Welding Society (AWS) on visual weld inspections.

I would like to thank all of our members for their continued support and look forward to seeing everyone at our future events.

Juan can be reached at jfuentes@bcceng.com



Juan Fuentes, PE
South Chapter
president

Obituary: Gustav Mayer



It is with great sadness that we report that FSEA's first Life Member, Gus Mayer, passed away peacefully on Friday, May 21, 2010. Gus recently celebrated his 100th birthday.

Gus was known in the engineering community for his knowledge, integrity and professionalism. Throughout his many years in practice he was always available to mentor young engineers as they began their careers and had been a role model to them.

Gus was a member of the South Florida Chapter.

Southwest Florida Chapter News

We had an enjoyable evening meeting in April with a presentation by US Gypsum on fire rated assemblies.

Our July meeting is "Innovations in Structural Steel" presented by AISC and we are hoping to meet one of our goals of increased attendance encouraging contractor and architectural organizations to join us.

We have met one of our goals which is to develop a relationship with Florida Gulf Coast University. We have been in contact with the faculty and students and they are starting to attend our seminars. Hopefully in the future we can help them develop a student association.

We had five of our members attend the "ATC 20/45" meeting in Orlando last month. We have a number of members who are interested in providing post-disaster assistance and would like to be on the SEER roster of volunteers.

Our board continues meeting monthly and we discuss increasing member participation, organizing seminars using the DVD's purchased, and updating our Chapter web site.

Richard can be reached at rich@lbengineer.com



Richard Barrow, PE
Southwest Chapter
president



Visit
www.flsea.com

State Board Meeting Minutes May 7, 2010

STATE BOARD MEMBERS PRESENT:

Tom Grogan	Ronald Milmed	Lewis Midlam	Richard Barrow
Pablo Carreno	Fred Bowen	Glenn Amore	Scott Martin
Christine Olden	Matt Lowe	Greg McLellan	

OTHER MEMBERS PRESENT:

Robert Hernandez, Michael Fried, Juan Fuentes

1. REVIEW AND APPROVE JANUARY 2010 STATE BOARD MEETING MINUTES:

Amendments: Each Chapter needs to nominate at least one member to be the "media contact" for that area should an engineering issue arise and the media needs to speak to an expert. The South Florida Chapter's media contact is Doug Wood. July 1st is the deadline for each Chapter president to decide on who their contact person is and give that name to Christine Olden. **January State Board Meeting Minutes: Approved as amended.**

2. FINANCIAL REPORT - Pablo Carreno

- Cash position continues to improve.
- Our projected income and expenses are tracking at about the same percentage of 30%. We should be operating at 25% for both. The membership dues income is somewhat misleading since the bulk of our renewal fees come in during the 4th quarter of the year. That is why our membership comparison and budget is based on the 3rd quarter results.
- According to the financial statements, no activity has been reported by the CFL & SWFL Chapters. Also, the BAFL Chapter's meeting expenses are about 40% larger than their income and they should take this into account when determining their meeting fees.
- The Vector Corrosion seminar only netted \$133.02.
- A significant number of checks have not been deposited as of the end of the quarter by the BAFL and SWFL Chapters.

f. Financial Report: Approved

3. MEMBERSHIP STATUS - Olden

- 271 members renewed to date
- 2009 paid membership equaled 280, at the end of the third quarter.

4. EXECUTIVE DIRECTOR'S REPORT - Christine Olden

- A new project is needed to be featured on the FSEA web site. Member projects are displayed for free.
- Christine needs to update the web site with photos of 2010 board members.
- Christine needs to invoice web site sponsors for annual sponsorship.
- Scott Martin can provide Christine with a project for the Project page.
- The deadline to submit articles for the May/June newsletter is May 21, 2010.
- Effective June 7, 2010, FSEA's new post office box address is: FSEA, PMB #211, 631 Brawley School Road #407, Mooresville, NC 28117. Christine's cell phone number, 407-592-7876, will remain the same.
- FSEA will be an exhibitor at the Structures Congress in Orlando May 12-15th.

h. Executive Director's report: Approved

5. CHAPTER REPORTS

- BAFL (Martin):** Focusing on growing membership by creating a membership subcommittee within the Chapter. USF Student Chapter has submitted its Bylaws. Next luncheon meeting is being held at Walter P. Moore. Looking at alternate lunch locations to further reduce costs. Hilti will be giving the next luncheon presentation.
- CFL (Bowen):** The March Chapter meeting was cancelled due to lack of participation. About six Chapter members will be volunteering to work at the FSEA exhibition booth at the Structures Congress in Orlando May 12-15th.
- NEFL (Lowe):** Membership numbers are good at 54 people. Student Chapter has a new board of directors. Forty people attended the last Chapter meeting. Currently working on a mission statement.
- SOFL (Fuentes):** Chapter has been networking with the local AIA. Monthly dinner presentations are confirmed



May 7, 2010 Minutes

through November. In December, Chapter will co-host a dinner meeting with the local AIA. Looking for ways to market association to engineering community. Juan Fuentes presented "Linked In" to the board, a social networking web site aimed at professionals. Linked In is a free service and Juan is going to create a page for FSEA to post on it.

e. **SWFL (Barrow):** Working with Florida Gulf Coast University to encourage student membership. Good student turnout at April Chapter meeting. The next Chapter meeting will be held on July 1, 2010 and will be presented by AISC.

7. COMMITTEE REPORTS

a. **Licensing (Grogan):** The Licensing Committee voted 9-0 to accept the White Paper as written. If any state board member would like to suggest changes to the White Paper, please give the changes to Tom by May 14th. Tom instructed Christine Olden to post the White Paper on the FSEA web site and Ron Milmed asked Christine to post it on the NCSEA web site in the blog section.

b. **FBC (Milmed):** Nothing new to report.

c. **FBPE (Milmed):** FBPE would like FSEA's input more often. Renewals begin on November 12th, the cost is \$130.00 for a two-year renewal.

d. **Seminars (Milmed):** Working on an ATC-20/45 Course to be presented by Scott Nacheman of NCSEA on Friday, June 18, 2010 in Orlando - worth 6 PDH's.

8. NEW BUSINESS

a. **Witt vs. LaGorce (Milmed):** An Act was passed, SB1964, in the senate which states the limitation of liability clause in a contract between a design firm and its client cannot be applied to limit the liability of an individual professional that is an employee of the firm.

b. **Successor Engineers (Fuentes):** Herbert Gopman, P.E. and FSEA member, asked FSEA's opinion concerning a successor engineer issue. The SOFL Chapter referred the question to the state board. The state board agreed that this is an issue for the FBPE and FSEA does not need to get involved at this time. FSEA is ready to assist the FBPE should its opinion be sought by them.

c. **Survey response to SEAoT regarding BIM:** The SEA of Texas asked FSEA if FSEA's membership can participate in the third annual national survey on BIM in structural engineering. The board agreed the email link should be forwarded to our membership this week.

d. **ATC-20/45 Course presentation:** Ron Milmed is coordinating this course with NCSEA. It is scheduled to take place on June 18th in Orlando. Venue to be determined by Christine Olden.

e. **NCSEA Book/Course on Wind & Seismic Out of Plane Coverage:** Ron Milmed is in contact with Timothy Mays about presenting this course to the FSEA membership during June 2011.

f. **Hilti Decking Conference on June 10, 2010 in Orlando** - The state board has approved FSEA to provide the PDH's and in return Hilti will include the FSEA logo on the marketing materials for the seminar and on the Hilti web site. Justin Gatzemeyer will work with Suzanna Rea of Hilti to help coordinate this event. Justin will record the PDH's with the state of Florida.

g. **Review of SOFL Chapter Scholarship Guidelines (Hernandez):** The SOFL Chapter asked the state board to review its guidelines. The state board made a few revisions. Roberto will amend the guidelines and he will send it to Christine Olden to distribute to the state board for a vote before the next state board meeting in July.

h. **Interaction with local ASCE and SEI Chapters:** Scott Martin of BAFL reported that a local SEI Chapter of ASCE was starting in the Tampa Bay area and he inquired about relationships between FSEA and SEI. The BAFL Chapter is looking forward to working together.

i. **FSEA Five-Year-Plan:** Tabled. No work was presented.

k. **Haiti earthquake:** Scott Martin informed the board about Architecture for Humanity, an organization working in Haiti to rebuild. This organization is looking for designers, including engineers, to get involved. The AFH Miami Chapter appears to be running this effort and if anyone is interested in volunteering, contact Jennifer Siqueira at jen.siqueira@gmail.com. The board agreed to send an email to our membership.

9. NEXT MEETING DATE

Friday, July 30, 2010 at Lew Midlam's office, LCM Engineering, 5294 Summerlin Commons Way, Unit 1201, Ft. Myers 33907. Time: 11:00 a.m. to 5:00 p.m.

Upcoming Events!

Tuesday, July 27, 2010: Florida Construction Lien Law: What Engineers and Architects Need to Know. One (1) PHD credit. Location: Haskell Training Room, 111 Riverside Avenue, Jacksonville, FL 32202; 11:45 a.m. to 1:00 p.m. RSVP to Mark Miller at mmiller@segonline.com or call 904-262-4000.

September 30 - October 2, 2010: NCSEA Annual Conference. Hyatt Regency on the Hudson, Jersey City, NJ. Visit www.ncsea.com for more information.

Visit www.ncsea.com for more seminars and webinars!

Building Code Committee Update

By Greg McLellan, P.E., SOFL Chapter

The FSEA state board has formed a Building Code Committee. Currently the committee consists of Lew Midlam, Greg McLellan and David Compton.

The primary purpose of the committee is to provide an avenue by which FSEA members can submit ideas and suggestions for improvements to the Florida Building Code (FBC). Although individuals may submit suggestions directly to the Florida Building Code Commission, building code changes may have a better chance of being favorably considered with the support of FSEA. This will in turn provide enhanced standing for FSEA and better enable the organization to address the needs and concerns of the structural engineering profession.

Members may submit recommendations to the committee via the FSEA director by using the email: fseadirector@aol.com. All submittals will be reviewed by the committee and forwarded to the FSEA state board of directors for consideration. It is our goal to provide a voice for structural engineers throughout Florida and for FSEA to become an effective force in the building code process.

Greg McLellan can be reached at mclellan@pgroup.com.

FSEA participates in 2010 STRUCTURES CONGRESS

The Structural Engineering Institute of ASCE (SEI) and the American Institute of Steel construction (AISC) joined forces to host the first-ever Joint Structures Congress. The Congress was held May 12-15 in Orlando at the Gaylord Palms Convention Center.

FSEA participated as an exhibitor. Thanks to the volunteer efforts of our members, FSEA was well represented. Our membership was represented by Lew Midlam, Ronald Milmed, Tom Grogan, Roger Jeffery, Justin Gatzemeyer, Brett Rylands, Glenn Amore, Bora Erbilin, Fred Bowen, and Steve Walker.



Fred Bowen, Ron Milmed and Bora Erbilin staff the FSEA booth at the exhibit hall.



Sponsorship banners hang in the lobby of the Gaylord Palms Convention Center.