

Louisiana

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February 2015

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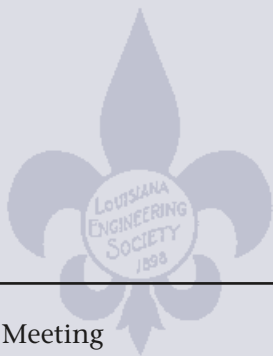
Inside This Issue:



LAPELS

Message from
the Chairman

Page 3



LES

JESC Meeting
Highlights

Page 15

Annual Meeting Conference
Registration

Page 29



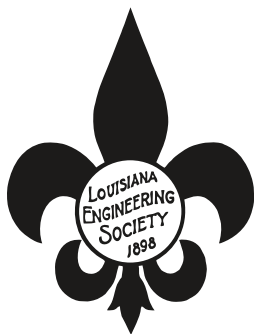
ACEC/L

Message from
the President

Page 21



D. BRAD GRAFF, PE, PLS
ACEC/L 2014-2015 PRESIDENT



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LOUISIANA ENGINEER AND SURVEYOR JOURNAL

February 2015

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- 2) All ads must be prepaid. Advertisements with payment should be sent to LES by the 15th of the month preceding month of issue.
- 3) Published quarterly, February, May, August and November.

PUBLICATIONS COMMITTEE

Brenda Gajan, *Managing Editor*

Nancy Donald, *Associate Editor*

Dan Mobley, *Associate Editor*

The Louisiana Engineering Society, the Louisiana Professional Engineering and Land Surveying Board, and the American Council of Engineering Companies of Louisiana do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in the publication.

MESSAGE FROM THE CHAIRMAN

M. Ernest Gammon, Sr. PLS



M. Ernest Gammon, Sr. PLS
Chairman

When the calendar makes its way to March 31st, my term on the Board will end. So in keeping with the traditional format for a “final column,” I’ll offer a few observations.

1. A six-year term on the Board really does pass quickly. In 2009, when my term on the Board began, the year 2015 seemed to be in the very distant future. I was told by several former Board members that my six years would be “over before I knew it,” but I discounted those comments, thinking that wouldn’t apply to me. They were correct.

2. The following is a partial tabulation of the Board’s activities during the past few years.

- We recently voted to “de-couple” the examination and experience requirements for PE applicants, thus allowing them to take the PE exam prior to obtaining the four years of experience that are required for licensure. This change doesn’t in any way reduce, much less remove, the experience requirement.
- Under the guidance and leadership of Joe Harmon, several *ad hoc* committees comprised of practicing professional engineers have formulated final drafts of Investigative Aids for the practice of electrical, mechanical, geotechnical and

structural engineering. The formulation of a similar Investigative Aid is currently being worked on by the Transportation Engineering *ad hoc* committee.

- After a two-year study by the Louisiana Society of Professional Surveyors (LSPS), and pursuant to a request by LSPS, the Board adopted a revised set of *Standards of Practice for Boundary Surveys*. These revised Standards include, for the first time, requirements for Route Surveys and Mineral Unitization Surveys.

- We amended our rules to allow applicants to utilize Computer Based Testing (CBT) for licensing examinations. NCEES currently offers the Fundamentals of Engineering (FE) exam and the Fundamentals of Surveying (FS) exam in this format. It is envisioned that the NCEES’ Professional Engineer (PE) and Professional Land Surveyor (PS) licensure exams will eventually become computer-based.

3. One of the more enjoyable elements of my term on the Board has been getting to know and work with the “*behind-the-scenes*” staff members. I am in no way using that term to take anything away from what these folks do. I simply mean that the vast majority of our licensees never get to meet them.

It’s really not fair for me to omit any staff members from this discussion, because they are all very talented, dedicated and proficient, and consistently perform at a level that has never ceased to impress me. But space constraints force me to limit my comments. (Besides, who said life is fair?)

continued on next page

UPCOMING BOARD MEETINGS

March 16 – 17, 2015 – Baton Rouge

June 1 – 2, 2015 – Baton Rouge

July 27 – 28, 2015 – Baton Rouge

September 28, 2015 – New Orleans (Tulane)

November 20, 2015 – Baton Rouge

Board Members

M. Ernest Gammon, Sr. PLS
Chairman

Theodore H. Thompson, PE
Vice Chairman

John W. ‘Billy’ Moore, PE
Treasurer

Kevin E. Crosby, PE, PLS
Secretary

Ali M. Mustapha, PE
David L. Patterson, PLS
Paul N. Hale, PhD., PE
Terry J. Huval, PE
Christopher P. Knotts, PE
Alan D. Krouse, PE
D. Scott Phillips, PE, PLS

Board Staff

Donna D. Sentell
Executive Director

Tyson Ducote
Compliance Investigator

www.lapels.com

Every applicant and licensee has, at some point in time, dealt with our applications specialists. And while the process may seem cumbersome and time-consuming to some, all of the staff members who deal with applications (even the two that affectionately we refer to as “the evil twins”), do all that they can to expedite the process while ensuring compliance with our laws and rules.

Our enforcement staff, as of the time I am writing this, is undergoing a re-organization, and we are in the process of filling a vacant position. During my six years on the Board, Tyson Ducote has been the “glue” that

has held this group together through changes in staff, changes in regulations and an ever-increasing workload. He has my admiration for his dedication and for the thorough, efficient and empathetic manner in which he carries out his duties.

4. The Board is also served by some incredibly talented consultants, who serve as “contractors” rather than as employees. Scott Landry, the Board Attorney, heads this list.

Like many of you, I’ve read all the “lawyer jokes.” I may have written a few of them. But Scott isn’t the one of the stereotypical attorneys that we love to skewer. He’s incredibly bright and highly experienced, but he prefers to camouflage those qualities with a quiet and unassuming manner. Over the past six years I’ve developed an extremely deep appreciation for Scott. I’ve learned that he will not only provide candid, objective, reliable guidance, but he will also take the time to explain the legal basis for, and the potential ramifications of, his opinions.

Joe Harmon is another “contractor” who has earned the respect of every Board member. He’s exceptionally knowledgeable, and possesses a wry sense of humor that we all admire. And as is evident from my earlier discussion of our new Investigative Aids, Joe displays a work ethic that we all envy.

4. LAPELS Board members are limited to a single six year term. I think this term limitation is a good thing, and I think that six years is about the right length for a term. It takes a while to get a solid understanding of our laws, rules, policies and procedures. Most Board members navigate this learning curve in a year or two (for some, such as I, it

may take a lot longer), and are then able to take on greater levels of responsibility on Board committees. But after six years, it’s time to move on and make room for fresh faces and fresh ideas.

5. I was fortunate to have numerous Board members as mentors while I struggled to “learn the ropes.” Their wisdom was graciously offered and their

patience was seemingly inexhaustible. I truly appreciate being the recipient of their guidance.

6. Service on the LAPELS Board member requires an incredible expenditure of time. Prior to beginning my term on the Board, I thought I knew what sort of workload awaited me. I was wrong – it’s far greater than what I had envisioned. This is a “working Board” in every sense of the term, and I remain impressed with the dedication displayed by every member.

7. As I noted above, the years have passed with surprising quickness. I truly appreciate having the opportunity to serve. It has been professionally rewarding and, for the most part, has been enjoyable. While I take absolutely no credit for their competency or their proficiency, I’m confident that I’ll be leaving the Board in the very capable hands of eleven professionals who are deeply and sincerely dedicated to serving and protecting the public.



LAPELS board members serving lunch: Chris Knotts, PE; David Patterson, PLS; Alan Krouse, PE; Ernie Gammon, PLS; and Ali Mustapha, PE



TERRY HUVAL, PE APPOINTED TO THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

Governor Bobby Jindal has appointed Terry Huval, PE, to the Board of Registration for Professional Engineers and Land Surveyors, effective November 21, 2014. Huval has been a licensed professional electrical engineer for over thirty years. As an industry expert, Huval was appointed to serve as a licensed professional engineer representing Industry.

For the past twenty years, Huval has served as Director of Lafayette Utilities System (LUS), a municipally-owned utility, providing electric, water, wastewater and telecommunications services to more than 63,000 customers.

Huval is a native of Breaux Bridge and graduated from University of Louisiana at Lafayette (ULL) with a degree in Electrical Engineering.

Prior to serving at LUS, Huval worked at CLECO while at ULL, Gulf States Utilities (GSU) after college and Entergy for a total of 16 years. Then, in 1994, the Mayor of Lafayette, Kenny Bowen, offered Huval his current position at Lafayette Utilities System.

Under Huval's leadership, LUS has been at the forefront of innovation and change in the utilities industry. In 1998, Huval was instrumental in convincing city leaders to build a fiber ring around the city, making Lafayette one of the first cities in the nation to offer high-speed broadband technology to businesses and schools.

Today, LUS Fiber (the telecommunications division of LUS) brings that same technology directly to homes and businesses throughout Lafayette, offering high-speed internet, television, and digital phone services. In fact, Lafayette was recently included in a list of 7 cities worldwide (including Tokyo, Seoul, and Hong Kong) as having the fastest home internet in the world (1000 megabits per second).



Terry Huval, PE

The utilities system has also experienced significant growth. The system virtually doubled its water and wastewater capacity and added substantial new electric generation within the city. Huval's focus on high-quality customer service continues to push the standard of services provided, as the electric system remains the most reliable in the state.

Throughout his career, Huval has remained active in professional organizations. During his time as LUS Director, he has been actively involved in the community, as well as the public power industry. He served the nation's public power industry as the 2007-2008 Board Chair of the American Public Power Association (APPA) and has served on the Louisiana Broadband Advisory Council, appointed by Governors Blanco and Jindal.

Locally, Huval served as Chair for United Way of Acadiana and has been active in the Greater Lafayette Chamber of Commerce. Huval, who has helped promote Cajun culture and the public school system's French immersion program, was inducted into the Cajun French Music Association Hall of Fame in 2007.

CONGRATULATIONS ARE IN ORDER!

As of December 31, 2014, these individuals have maintained their PE and/or PLS licensure for 50 years!

Garnett Franklin Bedenbaugh, PE	William Dale Larson, PE
Richard L. Berger, PE	James D. Lowther, PE
Lawrence Allan Boston, PE	Robert L. Lytton, PE
Robert Gulielmus Coleman, PE	Elwin Louis McGee, PE, PLS
Armando Benito Corripio, PE	Kenneth L. McManis, PE, PLS
Olin K. Dart, PE	Andrew Jefferson McPhate, PE
Frank Creighton DeJean, PE	Johnny Munoz Monturiol, PE
Frederick Mueller Derr, PE	Anthony Joseph Mumphrey, PE
Eugene Raymond DesOrmeaux, PE	Jose A. Rivero, PE
John Edward Evanco, PE	Bob N. Robards, PE
Milden Jean Fox, PE	Jackie W. Robbins, PE
Harold J. Gorman, PE	William Emile Simon, PE
Lawrence C. Harry, PE	Peter Drake Thompson, PE
Harold Walter Hebermehl, PE	Robert Ball Tucker, PE
Bill R. Hise, PE	Robert H. Ward, PE
Philip Gaharan Holland, PLS	Wesley James Wilkinson, PE
Alton R. Johnson, PE	

FROM THE EXECUTIVE DIRECTOR

Donna D. Sentell, Executive Director



Donna D. Sentell
Executive Director

One of the best parts of my job is promoting licensure and visiting with students at the eight universities around the state, which provide engineering and surveying programs.

At the beginning of each semester, we get calls from our university contacts to schedule a time to come talk with classes about the process of registering for the FE/FS and PE/PLS exams and pursuing the path to licensure.

Two topics this past year provide some lively conversation with the students: CBT and Decoupling.

In January 2014, the FE and FS exams were converted to a computer based format (CBT). Engineering and surveying students now register directly with NCEES when they are ready to take these exams. Due to the CBT format, the exams are now a 5-hour exam and students receive their scores a week after taking the exam. Once a student graduates from the

appropriate engineering or surveying program, he/she applies to LAPELS for certification as an EI or LSI.

The second change has to do with the experience requirement to take the Principles and Practice of Engineering exam. In 2014, the board amended Rule §1305 which now states, "An applicant who has already been duly certified as an engineer intern by the board, but has not met the experience requirement for licensure as a professional engineer, may be permitted to take the examination in the principles and practice of engineering in the discipline in which he/she seeks licensure". This rule change has generated a tremendous number of applicants applying for certification and at the same time applying to take the Principles and Practice Exam.

continued on next page



LAPELS emeritus member Richard Savoie, PE making jambalaya. Assisted by Tyson Ducote, and emeritus members James Garber, PhD., PE; Jack Stelly, PLS; and Ken McManis, PhD, PE



Barbara and Jack Stelly, Sandra and Sonny Launey and Janet Moore manning the booth of promotional licensure materials for students

In our efforts to promote licensure as a Professional Land Surveyor, we are talking with 2nd and 3rd year Civil Engineering students, as well as technology students to encourage dual licensure or PLS licensure. This presentation has been well received by many of the universities around the state and offers greater opportunities for graduates of these programs.

This past fall the LAPELS held their 5th campus board meeting. We met on the campus of UL Lafayette. In addition to conducting the board meeting on the campus, which is open to faculty, students, and emeritus board members,

LAPELS sponsors a jambalaya lunch for engineering students. It's hard to put a price on the benefits of this outreach effort. Students have a chance to meet with Board members over the meal to discuss the importance of licensure, job opportunities and mobility. Included in this publication you'll see some pictures of our visit this fall.

Along with our student outreach efforts, we also make presentations to our licensees on firm licensure, professional ethics, and the laws and rules of the board. For more information, you can complete this form found on our website requesting a presentation: http://www.lapels.com/docs/CPD/PresentationRequestForm_AR.pdf. Or contact me at donna@lapels.com or Tyson Ducote at tducote@lapels.com.



Enjoying the LAPELS reception and lunch

NEW REGISTRANTS

Congratulations to the following newly licensed and certified for the period of 10/15/14 - 12/31/14

LAND SURVEYOR INTERNS

Chapman, Derrick Thomas, LSI
Chustz, Ralph Bernard, LSI
Gaspard, Tyler Edward, LSI
Goppelt, Philip Alan, LSI

PROFESSIONAL SURVEYOR

Brady, Don Michael, PLS
Love, Maurice Exium, PLS
Merten, William Edward, PLS
Wimberly, Douglas Mack, PLS

SURVEYING FIRMS

All South Consulting Engineers, LLC, VF
Freeland-Clinkscales & Associates, Inc.
of N.C., VF
Greenman-Pedersen, Inc., VF

ENGINEER INTERNS

Binet, Daniel Joseph, EI
Borrelli, Matthew Andrew, EI
Bratton, Mary Frances, EI
Bucher, Austin James, EI
Burns, Evan Victoria, EI
Butler, Erick Benjamin, EI
Cagnola, Alexander Michael, EI
Chivleatto, Frank Joseph, EI
Clyde, Kori McClanahan, EI
Cross, Sean Nicholas, EI
Durdin, Brandon Wilson, EI
Edwards, Richard Lamar, EI
Ford, Michael Alan, EI
Fussell, Jeffrey David, EI
Gallo, Cindy Morris, EI
Gao, Heng, EI
Gauthier, Steven M., EI
Goldman, Taylor Mitchell, EI
Grant, Sarah Ezzell, EI
Gray, Ian Scott, EI
Gunesebakan, Ilyas, EI
Islam, Muhammad Ashikul, EI
Jarrell, Jacob Lynn, EI
Kowalczyk, Wesley Paul, EI
LeBlanc, Christopher Scott, EI
LeBlanc, Jared Christopher, EI
Ledet, Arthur Thomas, EI
Lee, Sammy Clyde, EI
Leefe, Eric O'Neill, EI
Lloyd, Ta'Ryan Colleen, EI
McNew, Daimon Marclynn, EI
Milton, Adam Thomas, EI
Newton, Jason Andrew, EI
Nguyen, Duyen Xuan Thi, EI
Nipper, Christopher John, EI
Nordstrom, Joshua Paul, EI
Noste, Sean, EI
Papso, Caitlin Leigh, EI
Parker, Dylan J., EI
Pennison, Holly Lynn, EI
Pokhrel, Rachit, EI

Pruitt, Larissa Ballard, EI
Scheid, Geoffrey Robert, EI
Scheinuk, Drew Aaron, EI
Selcer, Leah Elizabeth, EI
Terrell, Evan Christopher, EI
Terry, Christopher Michael, EI
Valim-Oliveira, Ivana C., EI
Wang, Neng, EI
Waranius, Matthew Edward, EI
Wells, Sarah Elizabeth, EI
Williams, Eric Lofton, EI
Willis, Douglas Karl, EI
Wybrecht, Brian Reyno, EI

PROFESSIONAL ENGINEERS

Anderson, Matthew Michael, PE
Arkwood, Brian Michael, PE
Ashfaq, Sk Ali, PE
Bacon, Claire Noelle, PE
Baker, Floyd C., PE
Barnes, Albert John, PE
Bates, Brian Scott, PE
Baum, Edmund L., PE
Bisignani, Michael Everett, PE
Bosley, John Daniel, PE
Brown, Adam K., PE
Brown, Adrian Earle, PE
Brunot, Douglas Clair, PE
Cacolici, Dominic Joseph, PE
Carney, Michael James, PE
Carpenter, Brice Alan, PE
Cataldo-Gisch, Christin M., PE
Champion, James C., PE
Chaudhuri, Mrinal, PE
Chodkowski, Gary Raymond, PE
Christy, Paul Andrew, PE
Cooper, James Edward, PE
Cotter, Joshua J., PE
Crabtree, Donald Gene, PE
Cummings, Michael Andrew, PE
Degen, Brian Everett, PE
Dettmer, Andrew John, PE
Dhruv, Mehul Vinod, PE
Dibble, Robb A., PE
Doss, Lonny Richard, PE
Dreher, Stephanie Smith, PE
Duytschaever, Kathryn Hart, PE
Erbilen, Bora, PE
Fangmann, Richard Brooks, PE
Finley, Patrick Ira, PE
Gonzales, Rafael Juan, PE
Grandal, Daniel Jorge, PE
Gray, Matthew Thomas, PE
Hadiji, Mohammed Moncef, PE
Hart, Daniel Charles, PE
Harte, Chris Gerard, PE
Hartsog, Gary McKinley, PE
Hasan, Abul Bashar Mahmud, PE
Head, Clinton Tony, PE
Hedtcke, Adam Richard, PE
Hendrixson, Jason Ryan, PE
Henney, Patrick Sean, PE
Herinckx, Taylor Matthew, PE
Herrero, Teby Vincent, PE
Hogan, Michael Dominic, PE
Hohnbaum, Jeremy Michael, PE
Hubbard, Erin Elizabeth, PE
Huston, Ronald L., PE
Jacob, Tony Issac, PE
Jaminet, Phillip J., PE
Jansen, Craig Allen, PE
Johnson, Sanya Mackela, PE
Kane, Margaret Taraba, PE
Kleyweg, Donald N., PE
Klink, Michael Robert, PE
Konger, Chad Andrew, PE
Kresovsky, Joseph William, PE
Kunig, Alexander Jay, PE
Lehman, Ryan Daniel, PE
Liegel, Edward Adam, PE
Lodes, Laura Worthen, PE
Long, Richard T., PE
Lozano, Adrian, PE
Mace, Erin Griffith, PE
Maraj, Shekhar Chandradath, PE
Massaro, Robert James, PE
McCarthy, Justin Robert, PE
Meng, Jiewu, PE
Menghrajani, Nand Hotchand, PE
Middleton, Timothy Joseph, PE
Monroe, Christopher Eric, PE
Nadkarni, Mahesh Hemant, PE
Nixon, Christopher Charles, PE
Osterholt, Gary Daniel, PE
Patel, Madanmohan H., PE
Patel, Sheetal Vidya, PE
Petrilli, Paul E., PE
Proskovec, Gary Ellis, PE
Raker, Erik Emerson, PE
Redden, John Walter Paul, PE
Riedy, Steven Justin, PE
Riley, Nathan Scott, PE
Rogers, Barry Ronald, PE
Rudolph, Robert R., PE
Salvatore, Anthony James, PE
Sanchez, Anthony Victor, PE
Sandow, John Christopher, PE
Sarmah, Ratul Dev, PE
Schneider, Ronald H., PE
Schwager, Michael C., PE
Serrano, Jeffrey Alfred, PE
Shafer, Mark Wayne, PE
Stelzer, Michael Joseph, PE
Stilkey, Scott Severt, PE
Tamilio, Joseph Raul, PE
Taylor, Gregory Dene, PE
Thompson-Cannon, Terrance P., PE
Tryon, Mark Adam, PE
Turkall, Bret Allan, PE
Velez, Joaquin, PE

Weidner, Stephan L., PE
Wilberding, Bruce J., PE
Wilde, Nicholas, PE
Wilde, Randy D., PE
Wolfe, Lorand Scott, PE
Younger, John Adam, PE

ENGINEERING FIRMS

3D Laser Scanning LLC, EF
Alpha Engineering Services, Inc., EF
Ayres Associates Inc., EF
Bennett Offshore LLC, EF
Bishop Forensic Engineering, LLC, EF
Cembell Industries, Inc., EF
Chipola Engineering Group, Inc., EF
Chiyoda International Corporation, EF
CPH Structural Engineering, Inc., EF
Creal Clark & Seifert Architects/
Engineers, Inc., EF
DeVill Consulting Engineers, LLC, EF
E/T Engineering Technologies, Inc., EF
Genesis Testing Services, Inc., EF
HSG Constructors LLC, EF
IMAGE Custom Engineering Solutions,
LLC, EF
Intelligent Transportation Systems LLC,
EF
JCF Bridge & Concrete, Inc., EF
Jones Consulting Engineering, LLC, EF
MB Design Consultants, LLC, EF
Minick Engineering, Inc., EF
Murray & Associates, L.L.C. of Florida,
EF
Nexgen Engineers LLC, EF
PE Services, LLC, EF
PENTA Engineering Company LLC, EF
Pinpoint Engineering LLC, EF
Premier Inspection & Consultants, LLC,
EF
PSEC, L.L.C., EF
PSF Mechanical, Inc, EF
RE/SPEC Inc., EF
Red Architecture + Planning LLC, EF
Robert R. Lively, Jr. & Associates, Inc., EF
SAM-Construction Services, LLC, EF
Schwager Davis, Inc., EF
Storm Services Engineering, LLC, EF
Tower Engineering Solutions, LLC, EF
Tucker-Jones Engineers Associated, P.C.,
EF
Utilities Engineering & Construction,
LLC, EF
W. B. Engineering & Consulting PLLC,
EF

PRESIDENTIAL PRIVILEGE

Craig D. Dooley, PE

With Orion EFT-1 landing on December 5 2014, it brought back many memories of when I was a child watching the astronauts go to the moon and come back to Earth. (After EFT-1 landed, I kept expecting the astronauts to come out of the capsule).

CALENDAR OF EVENTS

February 2015

- 18 Project Management Seminar – Baton Rouge, LA
- 22-28 National Engineers Week

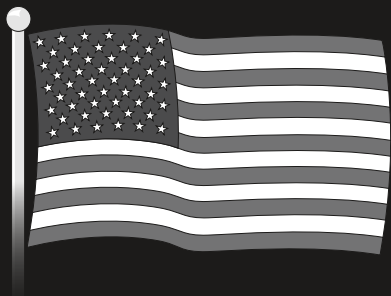
March 2015

- 4 Life Safety Code Seminar by Warren Bonisch – Bossier City, LA
- 6 Life Safety Code Seminar by Robert Miller – Covington, LA
- 9 Life Safety Code Seminar by Robert Miller – Alexandria, LA
- 11 Life Safety Code Seminar by Robert Miller – Lake Charles, LA
- 13 Life Safety Code Seminar by Robert Miller – Baton Rouge, LA
- 26 Baton Rouge Chapter Meeting & Licensing Ceremony
- 26-27 MATHCOUNTS State Competition – Pineville, LA

April 2015

- 1 Election of Chapter & Practice Division Officers begins
- 7 Alexandria Chapter Meeting & Licensing Ceremony
- 8 Shreveport Chapter Meeting & Licensing Ceremony
- 9 Monroe Chapter Meeting & Licensing Ceremony
- 14 Lake Charles Chapter Meeting & Licensing Ceremony
- 15 Bayou Chapter Meeting & Licensing Ceremony
- 16 New Orleans Chapter Meeting & Licensing Ceremony
- 29 Lafayette Chapter Meeting & Licensing Ceremony

NATIONAL ENGINEERS WEEK



FEBRUARY 22-28, 2015



Craig D. Dooley, PE
Louisiana Engineering Society President

The landing of EFT-1 brought back the “can do” spirit and made us all proud of what engineers can do. In fact, what the Apollo program did over a generation ago is still affecting us now.

Numerous technological advances were made as a result of the space program. For more information see <http://airandspace.si.edu/files/pdf/explore-and-learn/videoconferencing/TaxDollarsOnSpace.pdf>.

I hope that each one of us as engineers can inspire the younger generation that they can live their dreams and make a difference through the practice of engineering. Each one of us as engineers have the responsibility of passing on the torch to the next generation of what engineers can do.

LES Vision Statement:

The Louisiana Engineering Society is the recognized advocate of all licensed engineers in the state of Louisiana.

LES Mission Statement:

The Louisiana Engineering Society serves to advance the engineering profession by:

Encouraging ethical and competent practice through licensure and legislative involvement.

Nurturing public awareness of engineers' contributions to society.

Growing the society through licensure & LES membership and public service.

Recognizing engineering achievements.

CONNECT WITH LES ONLINE!



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www.facebook.com/LouisianaEngineeringSociety

SOCIETY NEWS

Brenda Gajan, LES Executive Director



2014-2015 LOUISIANA ENGINEERING SOCIETY BOARD OF DIRECTION



Standing; Luke Miller PE, Stan Whitney PE, Jennifer Gemar PE, Jim Ellington PE, Garry Johnson PE, Chad Bacas PE, Ryan Estess PE, Chris Knotts PE, Glenn Orgeron PE, Edgar Benoit PE, Josh Hays PE, and Ashley Simon PE. Seated; Susan Richard PE, Byron Racca PE, Glenn Turner PE, Craig Dooley PE, Jason Thornhill PE, and Brenda Gajan.

WELCOME NEW MEMBERS

Baton Rouge Chapter

Alexander M. Cagnola, EI Associate Member Under 30
John S. Foley, EI Associate Member Under 30
Daniel M. Tanner, EI Associate Member Under 30
Leroy Blanchard, PE Member
David Guillory, PE Member

Ann Springston, PE Member
Waskey, Corporation Sustaining

Lafayette Chapter

William Doize, PE Member

Monroe Chapter

Jeremy J. Gourdon, EI Associate Member Under 30

David Beaird, PE Member
William Dean, PE Member

New Orleans Chapter

Anthony Aziz, PE Member

Non-Resident

Truline, Corporation Sustaining

RECEPTION TO RECOGNIZE NEW LICENSEES

The Louisiana Engineering Society is again working with the Louisiana Society of Professional Surveyors and the Louisiana Professional Engineering and Land Surveying Board to formally recognize recent registrants of the Board. The Societies will be hosting eight events around the state to recognize the achievement of these individuals. Listed below is a schedule of where they are being held. Call (225) 924-2021 to RSVP. If you are a new licensee, PLEASE JOIN US!

March 26	Baton Rouge – Juban's
April 7	Alexandria – Westside Regional Library
April 8	Shreveport – Petroleum Club
April 9	Monroe – Catfish Cabin
April 14	Lake Charles – Pat's of Henderson
April 15	Bayou – Lion's Share
April 16	New Orleans – Don's Seafood
April 29	Lafayette – Petroleum Club

ALEXANDRIA CHAPTER

By Jennifer A. Gemar, PE

As we head into the 2015 year, the Alexandria Chapter is busy with Mathcounts. The local Mathcounts competition is scheduled for February 7, 2015 at the Tioga Junior High. The state competition is scheduled for March 27, 2015 at the Country Inn & Suites in Pineville, LA. Due to the local Mathcounts competition being held in February, we do not have a regularly scheduled meeting for that month. Our next Chapter meeting is scheduled for March 3, 2015.

December was a busy month for the Alexandria Chapter. In the spirit of the holiday season, the chapter members volunteered for the Salvation Army bell ringing on December 10th. We also made holiday donations to the Manna House and Hope House. As a result, a representative of the Hope House attended the December chapter meeting to accept the donation and provide a brief overview of their activities. Also during the December meeting, the Alexandria Chapter held the drawing for our 5th annual gun raffle. This is one

of our main fundraisers for the year to help defray the costs of hosting the local Mathcounts competition. Thanks to everyone who sold tickets and helped organize the event; without your help and involvement, this fundraiser would not be a success. Our guest speaker for the December meeting was Mr. Joe Delaune with the State Fire Marshall's Office. At our January meeting, Mr. Paul Miller with the Louisiana Department of Natural Resources Technology Assessment Division was our guest speaker and presented on the interconnection between energy and the environment.

Planning is also underway for our annual golf tournament. The golf tournament is another one of our main Mathcounts fundraisers for the year. Luke Miller is finalizing the details and will include further information in our monthly newsletters.



BATON ROUGE CHAPTER

By Chad A. Bacas, PE

I'm hoping everyone is having a great start to their new year and has survived a cold and wet January. We had a great December luncheon at Flemings Steakhouse. It's always nice to try a new venue but it was especially nice to hear from Chair, Jerome Zeringue talk about the latest progress of the Coastal Protection and Restoration Authority (CPRA). As a token of appreciation to our Platinum Sponsors we also delivered two LES Polo Shirts to each sponsor at the luncheon.

I'm assuming that most of you, as I am, are glad to see the elections are over for at least a few months. One positive outcome from our local election, regardless of your party affiliation, was the passing of the Reorganization of DPW for the City of Baton Rouge. This Parishwide proposition will allow DPW to become more transparent, accountable and responsive to public needs. Productivity and accountability will be increased by having six DPW departments reporting directly to the Mayor-President's Office to speed decision-making and eliminate backlogs. The new streamlined DPW will include departments managing the following areas: Environmental Services, Transportation and Drainage, Maintenance, Building and Grounds, Fleet Management and Development. Our chapter was happy to hear about the changes first hand from the Interim Director Bryan Harmon while we attended the joint luncheon with APWA at the LSU Stadium Club.

I would like to proudly announce that we recognized three Baton Rouge Chapter award winners at the 19th Annual Joint Society Engineering Conference (JESC) for their prestigious awards. If you happen to see these guys in the public, please recognize them for their many contributions they have made to our profession and community. These achievements from our members come from a lot of time, energy and leadership, and we are grateful that they are part of our engineering society.



Charles M. Kerr Public Relations Award – Kenneth A. Perret

F. Hugh Coughlin Young Engineer Award – Jacob M. Loeske

Leo M. Odom Award for Services to the Profession –
Hugo A. Marrero

If you didn't make it to JESC, you certainly missed out on the many great presenters, exhibitors and sponsors, but, most importantly, the 1st Annual Gumbo Cook-Off. Our Chapter had a great time with our lead Chef Loeske putting together some unbelievable gumbo! We have a busy spring and our chapter hopes everyone will join us for our E-Week banquet on February 19th, local and state MathCounts competitions, Past President luncheon in March, and our Golf Tournament and Crawfish Boil in April!

BAYOU CHAPTER

By Stan Whitney, PE

I hope everyone enjoyed attending the 19th annual Joint Engineering Societies Conference in Lafayette. This conference continues to be one of the best continuing education and networking opportunities in the State. Now it's time for the annual Mathcounts competition. For our local students, the road to the national competition in Boston starts with the Bayou Chapter's local competition. This year's local competition will be held on Saturday, February 28th. A special thanks goes out to Mr. Mike D'Angelo for the generous donation of his time year after year coordinating our chapter's Mathcounts activities. This year the Bayou chapter will be hosting the statewide competition in Pineville on March 27th. We encourage all of our members to get involved in both the local and state competitions. This event is a great opportunity to foster excitement in what we all hope will be a group up and coming engineers.

SHREVEPORT CHAPTER

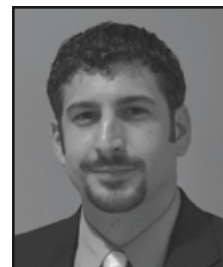
By T. Ryan Estess, PE, PLS

I hope everyone had a Merry Christmas and a Happy New Year. As the new year starts, our Local chapter of the Louisiana Engineering Society is very busy with volunteer opportunities throughout the community.

Coming up and in conjunction with "Discover E" Engineers Week in February 22-28, Sci-Port is hosting their National Engineering Week Programs and Events. They are having two different volunteer/mentor opportunities. Area students will be competing in two different events, the 13th annual Engineering Olympics, and their Elementary/Middle School Student Challenge. For more information on this event, see page 6 of the newsletter.

The Shreveport Chapter Math Counts Competition will be held on February 14th, at Louisiana Tech University-Shreveport Center. Matt Redmon, Math Counts Coordinator, is seeking volunteers for the event and sponsors to help offset the event's cost. If you are wanting to volunteer or sponsor, you can contact Matt at matt.redmon@psiusa.com or at (318) 631-5547.

Finally, the 2015 Louisiana Region I Science and Engineering Fair is being held March 5-7 at the Bossier Civic Center. Students from Bossier, Caddo, Webster, Red River, and DeSoto Parishes will be competing in grades 4-12. The event is needing judges for the fair and prize donations to give to the winning students. For more information contact, Chris Rondeau at crondeau@bpcc.edu or (318) 678-6317.



Another exciting bit of news from the Bayou Chapter is the announcement of the newly endowed Bayou Chapter scholarship. This scholarship has been the focus of the Chapter's fundraising efforts for many years. It is through the generous donations of both time and money by our members and sponsors that this scholarship has become a reality. I encourage our membership to seek out high school students considering an engineering education, and extend them an invitation to apply.

Our next meeting is scheduled for March 4th so mark your calendars and be on the lookout for the flyer. Also, don't forget about the 12th Annual Multi-State Engineering Conference to be held next summer, June 28 - 30th in Destin, Florida. I hope to see everyone there.

This month's meeting will be a joint meeting with the at Ralph and Kacoo's in Bossier City on January 21st at 11:30 a.m. The speaker, Mr. James R. Tauby, P.E., is the Chief Executive Engineer for Masons Industries, Inc., a world wide leader in the field of Noise and Vibration Control Products, as well as seismic and wind restraint systems. He will be discussing Vibration Isolation methods and technology. One PDH will be given for attendance. As always, we are asking for RSVP's to help provide an accurate headcount. You can contact me directly at ryan@raleyandassociates.com or (318) 752-9023 to RSVP.

We are continuing our annual Scholarship Raffle for the Taurus Judge Revolver and Apple iPad. Tickets are \$10 each and proceeds will be placed into our annual scholarship fund. Prizes are to be given out at the E-Week Banquet in February. Ticket sales are slow so we're really needing everyone to get involved to ensure this year's raffle will be a success. You can contact any officer to purchase tickets, and they will be available at the monthly Luncheon.

Finally, our annual E-Week Banquet is approaching. I'm proud to announce this year's speaker, Dr. Leslie K. Guice, P.E., President of Louisiana Tech University. I will be sending out more information regarding the banquet in the upcoming weeks.

LAFAYETTE CHAPTER

By Ashley Simon, PE

The November luncheon meeting was held on the 20th with a very informative presentation by Dr. Joshua Vaughan who is an Assistant Professor in the Department of Mechanical Engineering at University of Louisiana at Lafayette. He gave a presentation on the research he is currently conducting on cranes. The presentation was titled Command Generation Strategies to Improve Flexible System Performance.

The December meeting was a joint LES/ASCE Christmas Social held on the 10th at Abacus. State LES board members, LES members, LES Students Members and spouses attended the social.

We hosted the Joint Engineering Society Conference in January. The conference was held on the 28th and the 29th. We had a great turnout and the event was a success. Thank you to everyone who helped to make it such.

Our next chapter event will be the local MATHCOUNTS competition in February. The date is tentatively set for

February 6th. We are in need of LES members to volunteer on the day of the event. LES members assist in proctoring the exams, grading the exams and tallying the results. This is a great way to give back to the profession and as we encourage future engineers. Please contact Mike Smith, our MATHCOUNTS coordinator, if you are interested in volunteering: msmith@casengr.com.

We are planning to have a joint meeting with the US Green Building Council on February 9th and we are planning to tour the Energy Research Facility in Crowley for our March Meeting. Lastly we will end the year with the Spring Licensing Ceremony and MATHCOUNTS Awards banquet. It will be held April 29th at 6pm at the Petroleum Club.



MONROE CHAPTER

By Jim Ellingburg, PE

The Monroe Chapter membership meetings continue to be successful each month. Participation among our members has been great with an average monthly attendance of 29. The attendance at our monthly meeting has gradually increased over the course of the year. This is a reflection of the outstanding speakers we have hosted the past few months, including Ms. Sherri LeBas, Secretary of the Louisiana Department of Transportation and Development. Our monthly membership meetings will continue through the month of May prior to the summer break. We encourage chapter members to continue their participation each month where they can hear a variety of technical topics presented by our guest speakers throughout the remainder of this year. Also consider inviting one of your colleagues to attend a future meeting who may not be a member of the Monroe Chapter. If you are reading this and happen to be in the Monroe surrounding area, then consider this as your open invitation to come and join us. You can contact me at (318) 387-2710 to get further details about membership and upcoming meetings.

Upcoming events in the coming months include our February meeting, where we will hear from Leslie K. Guice, Ph.D. P.E., President of Louisiana Tech University. The Monroe Chapter is also in the planning stages of co-hosting a seminar with

the City of Monroe and the Association of General Contractors on Stormwater Pollution Prevention Plans. This seminar will be provided free of charge to members of LES. You can contact me for more information regarding the arrangements.

Preparations have begun for the Monroe Chapter MATHCOUNTS competition. Member volunteers are always needed to facilitate the competition. If you would like to help out, please contact me at (318) 387-2710. Financial support for the event is also being requested for anyone who would like to be a sponsor. It is always exciting to see the talented students compete each year. The event also serves as a great way to promote the engineering profession!



NEW ORLEANS CHAPTER

By Glenn Orgeron, PE, JD

Welcome to 2015! But first, here are some words about several past meetings.

In November, we had a great dinner meeting, first, with a presentation of a posthumous Life Service Award to J. Madison "JM" Drake for his 30+ years of service to the New Orleans Chapter of the Louisiana Engineering Society. The award was presented to Marlane Drake, JM's wife. Marlane then gave a very heart-warming talk about JM.

Then, we switched gears and had an enlightening presentation by Mark Rosa, Professor of Business at both Tulane and UNO's business schools on "The State of the U.S. Economy." Mark's presentation was very eye-opening considering the staggering debt load under which the country is operating, the relative health of the U.S. economy as compared to other countries, and the influence of the price of oil on world economies. Mark was bombarded with questions from a very attentive audience.

In December, we had a very informative and thought-provoking dinner meeting with Steve Picou, Senior Vice President of NOLAVibe, on "Green Infrastructure, Green/Net Zero/Living Buildings, Adaptation/Restoration and the Role of Engineers." Steve and his assistant, Grasshopper Mendoza, provided a modern version of the popular 1970's book *The Greening of America*, and provided examples of how engineers can assist in design methods that help sustain the environment and the world in which we live.

Then, we turned to 2015! Who would have thought that we would see gasoline at less than \$2/gallon or oil at less than \$50/barrel? From a consumer's perspective, \$2/gallon gas is great; but from an engineer's prospective, what does that do to oil and gas exploration and production, utility costs, capital expenditures, etc.?

On January 15th, a dynamite panel addressed these and related issues involving changes in the practice of engineering and the effect on engineers by the U. S. industrial Renaissance. The panel included Mark T. Savoff, Executive Vice President and Chief Operating Officer of Entergy; Ken Nelson, President of W.S. Nelson and Company; Matt Rookard, Senior Vice President of GNO, Inc.; and Mike Rainey, General Manager of FPSO Systems for Shell Projects and Technology. The panel was moderated by Senior Engineer Ben Louviere, P.E., with W.S. Nelson.

Mr. Savoff discussed the projected industrial growth along the New Orleans to Baton Rouge corridor, and how that growth will require considerably more energy production from Entergy. Entergy will add over 1.3 million Megawatts of production over the next 5 or so years, and Entergy projects approximately 3½ % annual growth through 2019. Entergy has over 4,000 engineers, and is currently looking for at least 50 more.



Mr. Rainey stated that Shell has about 1,000 engineers in its New Orleans office. Shell's offshore projects can be divided into long and short term. With the current drop in the price of oil, the long term (8-10 years) projects are not likely to see much effect; the short term projects (1-3 years) may slide a bit, but he sees no drastic cutbacks in Shell's plans. Much depends on the length of the price downturn. Shell is committed to its deep water strategy having interests now in 16 ocean basins. This strategy results in more complex planning, structures, and execution, all requiring more engineers.

Mr. Nelson stated that in the offshore design work in which his firm specializes, the complexity of offshore projects has grown exponentially. More types of engineers are needed now. The deep water projects have significantly higher psi requirements, and the extreme temperatures of the crude extracted from the deep water wells combined with the extremely cold ocean bottom temperatures require very complex engineering solutions.

Mr. Rookard further expounded on the \$60 billion industrial developments occurring between New Orleans and Baton Rouge. GNO, Inc. is expecting 5,000 new engineering jobs in that industrial corridor. Mr. Rookard warned that at current graduation rates, we can only meet 1/3 of that demand from universities in the area, and even if educational funding were doubled, we would still have a significant shortfall of engineers.

Farther down the line, on February 25th, we will have a presentation on Robotics and Drones from Charles Easterling, and on March 19th, we'll have a presentation from Gibbs Construction on the new New Orleans Airport. On April 16th, we'll have Dr. Norma Jean Mattei assist with our awards presentation to new P.E.'s and E.I.'s along with an ethics lecture, and on May 20th, we'll have a presentation from DOTD on the new St. Francisville Bridge.

We continue to work with Tulane seeking to encourage the University to expand its engineering programs. During November, a small group met with Dean Altiero of the Tulane School of Science and Engineering to discuss a conceptual expansion of Tulane's engineering programs. The Dean was very cordial and interested, and has curriculum expansion as a goal for the engineering offerings.

With regard to University of New Orleans, we congratulate the new Dean of the College of Engineering, Dr. Emir Jose Macari. We will seek to meet with Dr. Macari in the near future, commiserate with him regarding the budget challenges the University continually faces, and offer our support for greater funding for engineering programs.

19TH ANNUAL JESC HIGHLIGHTS

Chris Richard, PE



Chris Richard, PE

The Lafayette Chapter of LES hosted the 19th Annual Joint Engineering Societies Conference in Lafayette on January 28-29, 2015, at the Hilton Hotel in Lafayette, Louisiana. Over 400 engineers attended the Conference, where they were able to obtain 12 Continuing Professional Development (CPD) hours toward meeting the LAPELS registration requirement. The event was extraordinarily success thanks to our sponsors, 32 exhibitors, and speakers. Their continuing support and contributions makes the conference what it is, and enables LES to continue to provide quality continuing education offerings as well as a mean of connecting with colleagues and exchanging ideas to continue to improve engineering in Louisiana.

This conference also saw the start of what is sure to become an annual tradition for JESC, the First Annual Gumbo Cook-Off. Five teams competed for the honors of "Best Gumbo" – Big River Industries, JH Wright, LES Baton Rouge Chapter, LES Bayou Chapter, and T. Baker Smith. Congratulations to Big River Industries for taking away the honor of Best Gumbo, and to the Bayou Chapter for securing the People Choice Award. A huge thanks goes to our illustrious judges – Sheri LeBas, P.E., Secretary of the Louisiana Department of Transportation and Development; Joey Durel, Lafayette City-Parish President; and Ema Haq, Chef and Owner of Bailey's Restaurant, Ema's Café, and

Bailey's Offshore Catering. Their hard working in sampling all the gumbos was truly appreciated. Some wonderful entertainment in the form of authentic outstanding Cajun music was provided by Terry Huval, P.E., and Sons Band. Thank you Terry for the superb foot stomping music. The weather and atmosphere was perfect, the food outstanding, and the company was the best. A great time was had by all.

Congratulations to all of the LES & LEF Awards recipients. Their distinguished service to the profession, Society, and community are appreciated. Thanks to all the volunteers who gave of their time and talent to assure the success of the conference and providing outstanding educational offerings to the engineers of Louisiana. Special thanks to Brenda Gajan, Executive Director, the LES staff, Brittany Daigle and Christin Johnson, and the Lafayette Chapter for putting together such an outstanding meeting.

We look forward to a repeat performance next year and for many years to come. Thank you LES members for your attendance and support.



LES HONORS ENGINEERS



F. HUGH COUGHLIN YOUNG ENGINEER AWARD

The Louisiana Engineering Society F. Hugh Coughlin Young Engineer Award will be awarded as conditions warrant, but not more often than annually, to an engineer not over thirty-five (35) years of age who has demonstrated to a high degree capabilities in his chosen field of engineering, thereby indicating potential for further advancement and leadership as a professional engineer. The desire of the Society is not only to recognize the recipient but to encourage and inspire young engineers with a desire to reach greater heights of professional achievement and service. This award is named in honor of F. Hugh Coughlin, P.E., a distinguished member of the Society from 1944 until his death in 1980. His interest and support of young engineers was instrumental in the establishment of this award.

JACOB M. LOESKE, PE, LSI

Jacob M. Loeske, PE, LSI is the Regional Operations Manager for Louisiana with the firm of Buchart Horn, Inc., a full-service international Engineering and Architectural firm headquartered in York, PA. The Louisiana operation is located in Baton Rouge, LA, and has expanded from a staff of four to twelve under his supervision and management. Jacob manages several planning, transportation, environmental, lighting, water/wastewater, drainage, and aviation projects. He is a 2002 graduate of Louisiana State University with a Bachelor of Science in Environmental Engineering. Mr. Loeske joined Buchart Horn, Inc. in 2008 having previously worked six years with the firm of Shread-Kuyrskendall & Associates.

Mr. Loeske is very active in professional organizations throughout the state. He is a member of the Louisiana Engineering Society (LES), the Louisiana Water Environment Association (LWEA), the Water Environment Federation (WEF), American Council of Engineering Companies of Louisiana (ACEC/L), the National Society of Professional Engineers (NSPE), and the Society of American Military Engineers (SAME).

He is currently in his last year as the Young Engineer Representative on the LES State Board and serving as Membership Committee Vice-Chair and on the Public Relations Committee. He has served as Treasurer, Vice President, and is currently President-Elect of the Baton Rouge Chapter of LES. Jacob is active in the society and serves on the Golf Committee, Clay Tournament Committee, and MathCounts Committee.

Over the last four years, he has also served as Vice-Chair of the Wastewater Collection Systems Committee for the Louisiana Water Environment Association (LWEA).

Mr. Loeske received the LES Baton Rouge Chapter F. Hugh Coughlin Young Engineer Award in 2013.

continued on page 18



ANDREW M. LOCKETT AWARD FOR CIVIC ACTIVITIES

The Louisiana Engineering Society The Andrew M. Lockett Civic Activities Award will be awarded as conditions warrant, but not more often than annually, for Distinguished Civic Service by an Engineer, in the interest of the Public, without compensation for those services. The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic well-being of their communities, parishes and the State of Louisiana. The award is named in honor of Andrew M. Lockett, P.E., a distinguished member of the Society from 1900 until his death in 1945. Mr. Lockett was a strong advocate for engineers to get involved in civic activities.

PAUL D. FRYER, PE, PLS

Paul D. Fryer, PE, PLS is the Senior Vice President with the firm of Lazenby & Associates, Inc., a Civil Engineering and Land Surveying firm in West Monroe, Louisiana. Paul is a 1984 graduate of Louisiana Tech University with a Bachelor of Science in Civil Engineering.

Mr. Fryer joined Lazenby & Associates, Inc. in 1991 having previously worked five years with the firm of Harrison and Lazenby, Inc.. He is a member of the Louisiana Engineering Society (LES), the American Council of Engineering Companies of Louisiana (ACEC/L), the American Society of Civil Engineers (ASCE), National Society of Professional Engineers (NSPE), the Louisiana Society of Professional Surveyors (LSPS) and Institute of Transportation Engineers (ITE). He is a Past President of the Monroe Chapter of the Louisiana Engineering Society and has also held offices on the state level of LES. He served two terms as an At-Large member on the State Board of ACEC/L. Mr. Fryer has served on the Board of Directors of the West Monroe/West Ouachita Chamber of Commerce, Calvert Crossing Men's Golf Association and is a Past President of the West Monroe Civitan Club where he currently serves as Secretary.

Mr. Fryer was the Individual Development Vice President of the Monroe Jaycees and served as Treasurer and Operations Chairman for many years on the Miss Louisiana Pageant Board of Directors. Mr. Fryer also served several terms as Chairman of the Christmas Shopping Tour for Underprivileged Kids, Chairman of the Special Olympics Track and Field Event, and Chairman of the 4th of July Fireworks.

Paul has been actively involved in Dixie Youth Baseball since the mid 1980's and continues to coach each summer. Paul is currently serving as Treasurer of the Calvert Crossing Men's Golf Association and has served on the Board of Directors since its inception in 1999. Paul is a former Board Member of the Ark-La-Miss Fair which is organized and run by the West Monroe Civitan Club.

continued on page 18



JAMES M. TODD TECHNOLOGICAL ACCOMPLISHMENT AWARD

The Louisiana Engineering Society Award will be awarded as conditions warrant, but not more often than annually, for Distinguished Service by an Engineer for Technological Advancement or Discoveries as contributions to the advancement of Engineering. The purpose of honoring Engineers with this award is to encourage and inspire other engineers to reach even greater heights of professional achievement. The award is named in honor of James M. Todd, P.E., President in 1930 and an active member of the Society until his death in 1971. Mr. Todd suggested the formation of an award for engineering ingenuity in 1950.

LEO L. HOLZENTHAL, JR., PE

Leo L. Holzenthal, Jr., P.E. is President and Engineering Manager of M S Benbow and Associates, a Professional Consulting Engineering Corporation in Metairie, Louisiana. He is a graduate of Jesuit High School, New Orleans, the University of New Orleans (BSEE) and University of Texas at Austin (MSE, ME & EE). Leo is also an Adjunct Professor in the College of Engineering at the University of New Orleans (UNO). He is a registered Professional Engineer in the State of Louisiana in Electrical and Control Systems Engineering and holds professional registration in many other states. He has broad experience in Power, Control Systems, and Telecommunications Engineering. He is also an experienced expert witness. Mr. Holzenthal was recently awarded status as a Fellow of the American College of Forensic Examiners Institute.

Among his many accomplishments, he has been presented a number of Distinguished Teaching Awards at UNO and Technological Excellence Awards from the Louisiana Technology Council, UNO, Dallas-Fort Worth International Airport and others. In addition, he has created and taught a number of senior level engineering courses at UNO.

His most notable technological achievement to date has been the deployment of the Louisiana UASI Region One Interoperable Communications System, a first of its kind, all digital public safety two-way radio system. This system merged the voice radio communications of all public safety entities, in a four parish area including Orleans, Jefferson, Plaquemines and St. Bernard, into one common, redundant, reliable system. This project was implemented immediately after Hurricane Katrina as a joint cooperative endeavor of federal, state and local agencies for the common good of all.

Mr. Holzenthal is currently involved in the design and implementation of Large Public Venue (LPV) commercial Distributed Antenna Systems (DAS) and Wi-Fi Systems, as well as public safety communications systems.

continued on page 18



LEO M. ODOM SERVICES TO THE PROFESSION AWARD

The Louisiana Engineering Society Services to the Profession Award will be given as conditions warrant, but not more than annually, for Distinguished Service to the Engineering Profession in Louisiana by a registered Professional Engineer member of the Louisiana Engineering Society, over a period of long duration, in an unselfish manner and in keeping with the highest professional standards of conduct, including active participation and leadership in the technical societies as well as in this and other professional engineering groups. The character, scope and duration of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the advancement of the profession in its service to mankind. The award is named in honor of Leo M. Odom, P.E., President of the Society in 1968, active member since 1942, and the award's first recipient.

HUGO MARRERO, PE

Hugo Marrero was born and raised in Cuba. In 1956 he came to the United States to attend LSU, graduating in electrical engineering. He returned to Cuba and worked as an electrical engineer. Shortly thereafter the communist government took over the facility where he was working. Mr. Marrero refused to work for the communist government and tendered his resignation, which was not accepted. In 1962, fearing for his safety, he and his wife Oria escaped from Cuba with nothing more than the clothes on their backs and \$80 hidden in the soles of his shoes. Mr. Marrero is an American success story. His belief in personal freedom, opportunity, and commitment to providing a quality professional service led him to refuse to work for a communist dictatorship. Those same beliefs have guided his professional life in Louisiana.

Mr. Marrero began his career in Louisiana working for Forte and Tablada. Six years later in 1968 he opened his own company, still in business 46 years later. Marrero, Couvillon & Associates currently has offices in Baton Rouge and Metairie. Over the past 46 years Mr. Marrero has employed hundreds of people, mentoring many engineers in their early development. If engineering was not Mr. Marrero's profession, it likely would be his hobby; indeed, it may well be his hobby as well as his profession! He loves what he does.

Mr. Marrero is past president of the Baton Rouge Chapter of the American Council of Engineering Companies. He has served on the Energy Committee of the Baton Rouge Chamber of Commerce. He is a founder of the High School for the Engineering Profession, a magnet program of the East Baton Rouge Parish School

continued on page 18



A. B. PATERSON AWARD FOR AN ENGINEER IN MANAGEMENT

The A. B. Paterson Award will be awarded as conditions warrant, but not more often than annually, for Distinguished Service in Management by an Engineer Achievements in management rather than engineering or scientific attainments shall be the primary criteria for the selection of the recipient. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to greater effort in the field of Business Management. The award is named in honor of A. B. Paterson, P.E., and active member of the Society from 1923 until his death in 1952. Mr. Paterson was an engineer, administrator, executive, banker, civic leader and humanitarian.

DR. MARK E. ZAPPI, PE

Dr. Mark E. Zappi, P.E., an internationally recognized expert in energy and environmental processes, holds BS in Civil Engineering from UL Lafayette and a MS and PhD in Chemical Engineering from Mississippi State University. He became the Dean of Engineering at UL Lafayette in 2005 where he also serves as the Director of the Energy Institute since 20012. Under his leadership, the college has grown its student population from approximately 1,250 in 2005 to over 2,700 in 2014; thus, placing UL Lafayette as one of the fastest growing colleges of engineering in the US. Over this time, the number of US states in which these students come from has increased from less than 20 to over 40. Additionally, the number of women and African-American students attending the college has almost tripled over this period. In 2005, annual research expenditures for R&D activities at UL Lafayette led by the college were less than \$800K. In 2013, R&D funding led by the college exceeded \$5M. To date, over 40% of these funds are provided via partnerships with Louisiana companies which is a primary reason UL Lafayette was recently listed as a Top 10 Research University for working with industry in the US by the National Science Foundation. Since taking over the Energy Institute, Dr. Zappi has redesigned its scope from only a petroleum resource R&D group to an integrated R&D unit that is involved in all aspects of energy resource development inclusive of traditional and non-traditional energy resource R&D; commercialization of promising energy processes; power use reduction method development, ecological impact and remediation studies, and developing business and policy expert assets. Under his leadership, the Energy Institute has grown its annual R&D budget from approximately \$300K per year to over \$4M per year. A key point of pride for the Energy Institute is the recent grand opening of the new Cleco Alternative Energy which is a new \$8.5M energy technology development and evaluation center

continued on page 18



CHARLES M. KERR PUBLIC RELATIONS AWARD

The Charles M. Kerr Award will be awarded as conditions warrant, but not more often than annually, for Distinguished Service by an Engineer in Promotion of the Public Relations Program for the Engineering Profession in Louisiana. The character and scope of the contributions to the Society's overall public relations program internally and/or externally is the predominant criteria, rather than strictly engineering accomplishments. Officers of the Society and members of the LES Public Relations Committee are not eligible for the award. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the Society's public relations program in their communities, parishes and the State of Louisiana. The award is named in honor of Charles M. Kerr, P.E., President in 1954 and a member of the Society from 1912 until his death in 1964. Mr. Kerr was very active in the business world in promoting his chosen profession, engineering.

KENNETH PERRET, PE

I am very grateful to LES for selecting me to receive the 2015 Charles M. Kerr Public Relations Award. When the Baton Rouge Chapter nominated me and asked me to provide information for submission for the state LES award, I was concerned that while I have been actively involved in the engineering profession, I did not know if my activities and accomplishments would be considered as fostering public relations. However, as I worked on the application, I became aware that I was involved in many activities that promoted the public relations program for the engineering profession in Louisiana. I believe that our public relations program's main goal should be to demonstrate to the public that engineers are aware of issues of public concern and are involved in many ways to make things better. This can be done by applying technical expertise and by serving our state and communities on boards, commissions and committees. Our professional training as engineers has given us the ability to provide leadership and to be experts at problem solving. Sometime, we may have the opportunity to serve in a capacity outside of our "comfort zone," and I encourage you to step up to the plate and give it a try!

My experience in the area came when I was asked to be a candidate for appointment to the Capitol Area Transit System Board of Commissioners, the agency that runs the bus system in East Baton Rouge Parish. My career and expertise was in highway engineering, but I was encouraged by many who believed that engineering expertise and leadership was needed on the Board. On my second try, I was appointed to fill an unexpired term and have since been appointed to a full three year term on the Board. I believe that my participation and

continued on page 18

LES HONORS ENGINEERS



WALDEMAR S. NELSON PRESIDENT'S AWARD

The Waldemar S. Nelson President's Award will be given as conditions warrant, but not more than annually, for distinguished service to the Louisiana Engineering Society by an engineer member of the Society, in an unselfish manner and in keeping with the highest professional standards. The desire of the Society is not only to recognize the recipient, but to encourage and inspire others to take a greater part in the advancement of the Society and its service to mankind. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society since 1936, until his death in 2005.

ALAN D. KROUSE, PE

Mr. Krouse earned a Bachelor of Science in Civil Engineering in 1977 from Louisiana State University and obtained his Professional Engineering License in 1981.

He began his career at LADOTD in 1977 in the Road Design section. While in the Road Design section Alan worked on numerous projects including sections of US 61, US 90, and LA 15. Also, during his tenure in the Road Design section, Alan was the Assistant Urban System Coordinator and Consulting Coordinator. Work in these assignments included managing projects in all the major metropolitan areas, all of I-49 in Shreveport, and sections of I-49 north of Alexandria. After eight years at LADOTD Alan left the Department and went to work in private practice. During his career in private practice he continued working as a road design engineer. Alan has also been involved with many projects designed for the Port of South Louisiana and the Port of Lake Providence. Alan has worked for Meyer and Associates, Shaw and owned his own firm. He presently is a Senior Staff Engineer with Buehler Horn, Inc. in Baton Rouge, and also serves on the Louisiana Professional Engineering & Land Surveying Board.

Throughout his career, Alan has remained active in professional organizations. He has been a member of the La. Engineering Society for over twenty five years and has held every office at the local level. Alan served as State President in 2008-2009 and 2012-2013. He is a Fellow Member of the National Society of Professional Engineers, a member of ASCE and currently the president of the Louisiana Engineering Foundation.

In his community Alan served on the Ascension Parish Planning and Zoning commission for four years including two years as chairman.

Alan was born in Denver but his parents moved to Covington in 1965 when it was a small rural town. Alan and his wife Stephanie reside in Gonzales and they have two daughters, Brooke and Allison. Most weekends you can find Alan on a golf course still trying to master the game.



LOUISIANA ENGINEERING SOCIETY LIFETIME ACHIEVEMENT AWARD

A Lifetime Achievement Award may be made to a nominee having made significant contributions to the advancement of engineering and the objectives of the Society throughout his or her career. The nominee shall have acknowledged eminence in engineering or related sciences. Nominees shall be chosen only from members of the Society and NSPE.

IN MEMORY OF

J. M. DRAKE, F.NSPE, P.E., CSP, CQE

J.M served the Louisiana Engineering Society as Past State and Local Chapter President and held many other offices. As a model to service for current and future engineers, a cabinet will be set up at the Louisiana Engineering Foundation featuring his awards and accomplishments.

J.M. was an active mentor, encouraging and developing engineers, students and technical staff. He promoted registration and certification throughout his career. This Master degreed Aerospace Engineer received the Manned Space Flight Awareness Award in 1986, meeting seven astronauts. He oversaw the construction of the External Tank for the Space Shuttle (Tanks ET 2-71). In 1987 he was recognized as one of the Ten Top Federal Employees.

After Hurricane Katrina, J.M. served on the nominating committee of the Southeast Louisiana Flood Protection Authority (SLFPA), helping to set up the nomination and selection process. He set up the applicant evaluation computer program.

Marlane Drake, his wife of 27 years, has established an Endowed Scholarship in his name to the Louisiana Engineering Foundation. She contributed the same to Virginia Tech's Highly Tightly Class of '71 scholarship fund. Marlane@cox.net will make more information about his life and accomplishments available to any interested party.

J.M. was recognized as a Fellow Member of the National Society of Professional Engineers (NSPE), awarded to the top one per cent who serve locally, state-wide and nationally. The man who hired him for the Strategic Petroleum Reserve's Manager of Continuous Quality Improvement and Quality Assurance Engineer in 1992 said he had never met a more dedicated engineer. He is the first at St. Joseph Abbey's cemetery in Covington to be recognized as an engineer.

J.M. Drake passed away suddenly and unexpectedly on February 3, 2014. He will be missed.

F. HUGH COUGHLIN YOUNG ENGINEER AWARD (continued from page 16)

In his spare time, Jacob enjoys hunting, fishing, golfing, intramural sports, and traveling. Jacob and his wife Tara reside in Prairieville and enjoy raising their son Cooper (2) and daughter Hayes Margaret (6 months).

ANDREW M. LOCKETT AWARD FOR CIVIC ACTIVITIES (continued from page 16)

Paul and his wife Tonia live in Calhoun and enjoy raising their sons Austin (9) and Noah (16). Paul's oldest son Matthew (30) resides in the Bossier City area.

JAMES M. TODD TECHNOLOGICAL ACCOMPLISHMENT AWARD (continued from page 16)

Mr. Holzenthal is a resident of New Orleans, Louisiana, and he can be reached at leo@msbenbow.com or (504) 836-8902 (office) or 504-669-6619 (cell).

LEO M. ODOM SERVICES TO THE PROFESSION AWARD (continued from page 17)

System. He is a member of the National Society of Professional Engineers and of the Louisiana Engineering Society and has served on various committees of these organization. But, as noted above, his real contributions to the practice of engineering in Louisiana is best reflected in those that have learned from him. His passion for engineering and commitment to quality now resides in those fortunate enough to have worked with him over the years.

Mr. Marrero, at age 76, refuses to give up the practice. He enjoys it too much. He now serves as technical advisor to the Marrero, Couvillon & Associates team on a wide variety of projects.

A. B. PATERSON AWARD FOR AN ENGINEER IN MANAGEMENT (continued from page 17)

that houses both pilot and laboratory facilities. Over the past three years, the Energy Institute has initiated new industrial partnerships with over 15 companies, with most being from Louisiana, to help entrench Louisiana's role as a leading energy state.

CHARLES M. KERR PUBLIC RELATIONS AWARD (continued from page 17)

that of the other two civil engineers on the Board has been a stabilizing force that has helped restore public trust and support for the agency.

Since my true love is highway engineering, I have had the privilege for the past few years serving as President of the Louisiana Good Roads and Transportation Association. In that capacity, I have made numerous presentations to civic associations and various community organizations on the status of our state transportation system, its importance to our mobility, safety and overall quality of life, and the need for adequate funding for the system. These efforts, which are continuing, demonstrate to the public the concern by those in the engineering profession for the welfare of the public. These efforts have been backed up by letters to newspaper editors, interviews with news reporters and visits with public officials. In addition, presentations have been made at the annual series of legislative public hearings on the transportation program. These hearings are attended by numerous local officials and the public, who become aware of the engineering profession's involvement in the vital public issue of transportation funding.

I again thank LES for this award and encourage all my fellow engineers to take an active role in public relation activities.

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THE SPEC SHEET

D. Brad Graff, PE, PLS, President

American Council of Engineering Companies of Louisiana

Not to equate the engineering business to an arcade game or our challenges to garden pests, but running a successful engineering firm in today's complex business climate can seem like a life-sized version of "Whac-a-Mole." Before you can completely thwart one pesky issue, another one pops up somewhere else, and, in time, you realize that many of them are reoccurring. It may seem as though "some things never change," but actually some things require our constant vigilance and focus if they are to ever change.

Project Funding: Those of us in private practice all have clients who delay capital expenditures on vital infrastructure until an urgent situation exists. This reactionary approach has been witnessed at every level of government. The American Council of Engineering Companies of Louisiana (ACEC/L) recently resolved to do all that we can to assure that transportation and infrastructure funding is a focus of the current gubernatorial contest. As a first step, we worked with LAGC, AIAL and LAPA with the idea of sponsoring a forum in which the candidates would be limited to addressing only infrastructure funding issues. We agreed to make the forum a part of our recent Critical Issues Summit, a joint annual conference which was inaugurated following Katrina. Through the hard work of our Continuing Education and Public Relations Committees, staff, and our industry partners, the forum was a huge success and was covered by the news media all over the state. More importantly, all four candidates went on record in support of making infrastructure funding a priority. In Washington, our national organization, ACEC, continues to be a prominent voice in advocating legislation to provide long-term funding for transportation and water infrastructure, such as MAP-21 and WRDA.

Qualifications Based Selection: ACEC/L was instrumental in the passage of the Hammett Act, which is the state version of the Brooks Bill, prohibiting price as criteria for selection of design professionals on public projects. Although this law has been on the books for several years, public entities continue to unknowingly request bids for engineering services. Not only do we intervene in such occurrences, but we continue to be advocates of the merits of qualification based selection at all levels.

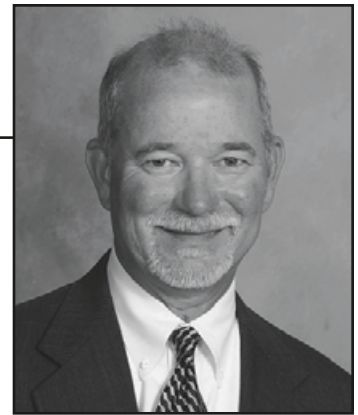
Design-Build Delivery: While we promote the use of the design-bid-build delivery method, which preserves the engineer's direct employment by the project owner, we have conceded to the fact that design-build is not going away. Too many owners purport that design-build provides a faster track on large scale projects. Our answer was to offer an alternative to design-build which could be fast-tracked and maintain the engineer's direct role with the owner. ACEC/L worked with LAGC, AIA/L and LES to develop legislation making the Construction Management at Risk (CMAR) delivery method available for large public projects. This method provides for early involvement of the contractor whose selection is based on qualifications. The bill was passed last year, and our Legislative Committee is working on finding pilot projects and fine-tuning a few details of the law. We are excited about the future of CMAR, but we continue to work to prevent any effort to expand the use of design-build on public works.

Public Bid Law: In an effort to make the public bid process more uniform, less subjective and less litigious, several changes have been made to the public bid law.

Our Legislative Committee and legal counsel worked with the LAGC on the last set of changes which were enacted last year. In addition to preparing a synopsis of the changes for distribution to our member firms, our legal counsel presented half-day seminars on the topic all around the state. This information is a must for anyone involved in public works.

ACEC/L is busy doing much more than "mole control." Actually, a lot of what we do is intended for the convenience of our member firms, such as our retirement and health insurance trusts, continuing education, networking opportunities, periodic legal white papers and the engineering business updates provided in our newsletter. Our Executive Director, Dan Mobley, and his staff are second to none, and they take great pride and pleasure in assisting our members anyway that is needed.

I thank our Board of Governors for all the time they afford the organization to make it an effective one and thank our member firms for their participation. I urge non-member firms to contact our office about becoming a part of our team. The outcome of Whac-a-Mole is far more predictable with multiple players and mallets!



D. Brad Graff, PE, PLS

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2015 VINCENT FORTE GRADUATE SCHOOL FELLOWSHIP

The Vincent A. Forte Graduate School Fellowship, a \$2,000.00 award, is given annually to a student enrolled in a graduate education program in engineering who expresses a sincere desire to enter the teaching profession at the University level upon completion of his or her graduate education. The award is named to honor Vincent A. Forte, P.E., a founder and first president of the Louisiana Engineering Foundation. This year's recipient is **Yasmeen Qudsi** of University of Louisiana Lafayette.

Yasmeen Qudsi is a first year graduate student in the Department of Mechanical Engineering with a focus on Composite materials and controls. She currently services as a graduate research assistant in the university's Laboratory for Composite Materials. Her research involves selective reinforcement in the manufacturing process of advanced composites. Upon completion of her master's degree, she plans to pursue a doctorate degree concentrating on engineering biomaterials.

As a graduate student, she has been a tremendous asset to ULL; she attends college preview days to take the time to educate

students about engineering and career options. She also serves as a teaching assistant and mentor for visiting international students. As a graduate teaching assistant Yasmeen knows that it will aid her plans for the future as she intends on teaching introductory level courses on engineering at a collegiate level. Yasmeen believes the information gained is the foundation for any discipline and are key in the development of an engineer.

In her free times she enjoys mentoring students at local middle and high schools and participating in outreach activities to expose engineering disciplines and their impact on society. In her efforts to promote the engineering discipline, as well as other STEM fields. She is an Engineering Ambassador for the College of Engineering and has actively been a member of many organizations: LES, the Society of Women Engineers, and for the past 9 years actively serving as a member of her local Habitat for Humanity Organization. She hopes to continue her involvement and support for STEM programs in her local community.

ENGINEERING FACULTY PROFESSIONALISM AWARD

The objectives of the Engineering Faculty Professionalism Award are to bring to the attention of all faculties those members who are licensed professional engineers at their university; to present registration in a positive light which should encourage faculty to work toward licensure and professionalism; and to benefit the students and the profession with the promotion of professionalism in the universities. LEF has four deserving recipients. The recipients of this year's awards are **Dr. Jay X. Wang**, Louisiana Tech University, **Dr. Sally Ann McInerney**, University of Louisiana Lafayette, **Dr. Seyed M. Aghili**, McNeese University, and **Prof. Kim D. Jovanovich** of University of New Orleans. LEF presented each professor with a plaque at the 19th LA Joint Engineering Societies Honors and Awards banquet on January 28, 2015.

The recipient for Louisiana Tech University is Dr. Jay X. Wang. He is a registered civil engineer, Louisiana Professional Engineering and Land Surveying Board (LAPELS). Dr. Wang is the Bobby E. Price Endowed Associate Professor (Tenured) of LA Tech University since 2008. Dr. Wang has many accomplishments in terms of scientific publications and research projects. He has had significant work with undergraduate and graduate advising and teaching. Is a profound role model for students and faculty. Dr. Wang serves the Programs of Civil Engineering and Construction Engineering Chair, since 2011.

Dr. Seyed M. Aghili is the recipient for McNeese University. Dr. Aghili is a member of ASEE. He is a professor of Electrical Engineering. Dr. Aghili is currently serving as the interim head of the Department of Electrical Engineering and Computer Science

at McNeese since the Fall of 2013. He is a registered engineer in the state of Louisiana. He led the transition, integration and reorganization of the multiple programs (EE, CS, & ET) into a newly established department. Dr. Aghili is a dedicated faculty and mentor to students and an asset to McNeese.

The recipient for the University of New Orleans is Prof. Kim D. Jovanovich. Professor Jovanovich is the assistant dean and adjunct professor of UNO's Computer Engineering and Electrical Engineering Department. He is responsible for UNO's Order of the Engineer Link. Prof. Jovanovich is a registered engineer in the state of Louisiana. Prof. Kim D. Jovanovich also supervises LA firms, Omni Technologies and Optix Engineering. As a practitioner business owner and licensee, he has exhibited exemplary character.

Dr. Sally Ann McInerney is the recipient for University Louisiana, Lafayette. She is a professor of Mechanical Engineering. Dr. McInerney is currently head of the Department of Mechanical Engineering at the University of Louisiana, Lafayette since the Summer of 2010. She is an active registered Mechanical Engineer in the state of California, since 1982. Dr. McInerney accomplishments include the guiding of faculty in the development and adoption of a revised curriculum that reflected ABET assessment results. Leading a transformation from a faculty mission focused primarily on teaching to one that values both excellent teaching and scholarly production. Dr. McInerney's professional memberships include ASEE, IIAV, ASA, INCE, and ASME.

The Louisiana Engineering Foundation is proud to present these four professors with the Engineering Faculty Professionalism Award.

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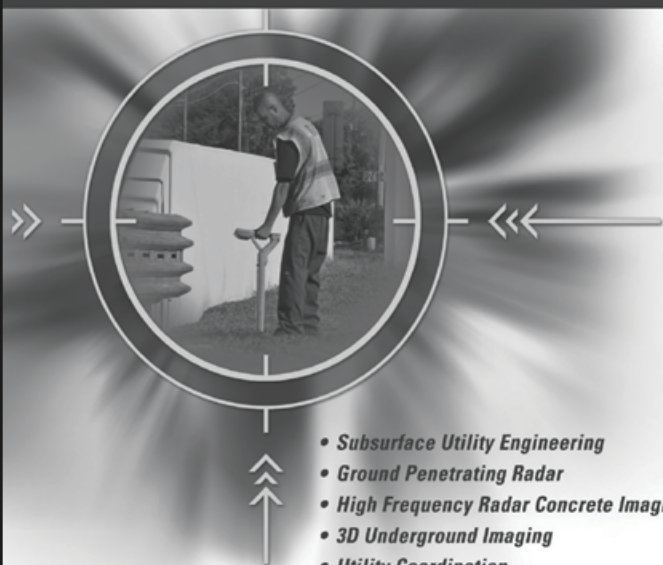
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Louisiana Engineering Society presents: Three 8hr Life Safety Code Seminars

by Robert Miller
The Building Code Institute, LLC

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March 6, 2015
8:00am – 4:30pm
The Marriott Hotel
Covington, LA

March 9, 2015
8:00am – 4:30pm
Courtyard by Marriott
Alexandria, LA

March 11, 2015
8:00am – 4:30pm
Golden Nugget
Lake Charles, LA

March 13, 2015
8:00am – 4:30pm
The Marriott Hotel
Baton Rouge, LA

This one-day 8 hour credit seminar for the year 2015 will focus on the **Significant Changes to Life Safety Issues** of the newly adopted 2012 editions of the of the **NFPA 101 Life Safety Code** and the **International Building Code**.

In addition, applicability of the 2010 edition of **NFPA 914 Fire Protection of Historic Structures** will be discussed.

The seminar will address the changes related to new construction and existing facilities related to:

- **Occupancy Classification,**
- **Components serving Means of Egress related to specific Occupancies**
- **Construction and Fire and Smoke Barriers,**
- **Compartmentation and Firestopping,**
- **Life Safety Systems such as Fire Alarm and Sprinkler systems, and**
- **Accessibility requirements**

A workbook will be provided which can be used for future reference of the issues covered in the seminar.

Below is the **REGISTRATION FORM**. Please check the seminar you would like to attend.

☐ **March 6, 2015 in Covington, LA**

☐ **March 11, 2015 in Lake Charles, LA**

☐ **March 9, 2015 in Alexandria, LA**

☐ **March 13, 2015 in Baton Rouge, LA**

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

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REGISTRATION: ☐ **Society Member \$200** ☐ **Non Member \$250** ☐ **Visa** ☐ **M/C** ☐ **Discover**
(Lunch is included in registration cost.) (We do not accept American Express)

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Mail checks and registration to: LA Engineering Society, 9643 Brookline Ave., Ste. 116 Baton Rouge, LA 70809

You may fax your registration to: (225) 924-2049 or email to les@les-state.org

For more information please visit our website: www.les-state.org

If you have any questions, please call the LES office at (225) 924-2021

Sorry, no refunds will be given after February 23, 2015
Seating is limited to 30 participants at all seminars, so register now!!

Call Courtyard by Marriott in Alexandria (3830 Alexandria Mall Drive, Alexandria, LA 71301) at 318-445-2415 for room reservations

Call Golden Nugget in Lake Charles (2550 Golden Nugget Blvd, Lake Charles, LA 70601) at 337-447-4653 for room reservations

Call The Marriott Hotel in Baton Rouge (5500 Hilton Avenue, Baton Rouge, LA 70808) at 225-924-5000 for room reservations

Call the Marriott Hotel in Covington (101 Northpark Blvd, Covington, LA 70433) at 985-871-0244 for room reservations



Louisiana Engineering Society presents: 8 Hour Life Safety Code Seminar

by Warren Bonisch, P.E.

Aon Fire Protection Engineering

March 4, 2015

8:00am – 4:30pm

Lunch will be served

**Seminar will be held at: Marriott at the Boardwalk
100 Boardwalk Blvd, Bossier City, LA 71111**

Description of Course

NFPA 101, *Life Safety Code*, 2012 edition, was issued by NFPA on and approved as an American National Standard on August 31, 2011. Significant changes have occurred in the 2012 edition, among which are:

- New definitions
- Elevators for occupant controlled evacuation
- Normally unoccupied building service equipment support areas
- Rewrite & expansion of Ch. 8 provisions on opening protective
- Carbon monoxide detection
- Health Care chapter provisions to make more homelike

The 8 hour class room instruction will cover the major changes to the 2012 Life Safety Code as follows:

- Core Chapters 1 thru 11
- Occupancy Chapters
 - Assembly
 - Health Care
 - Residential
 - Business
 - Building Rehabilitation

Attendees should have an intermediate level of NFPA 101 knowledge, and basic understanding of the structure, goals and objectives of such codes.

Presentation will be in the form of PowerPoint slides and verbal instructional discussions. It is highly recommended that attendee bring a copy of 2012 NFPA 101 to this class.

Attendees will learn:

- Identification of major changes in 2012 NFPA 101 *Life Safety Code*.
- Background on these code changes.
- Technical requirements on new, major changes.
- Recommended method on the use and application of the *Life Safety Code*.

**Course Registered with
AIA**

REGISTRATION FORM

Name: _____

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REGISTRATION: ☐ **Society Member \$200**

(Lunch is included in registration cost.)

☐ **Non Member \$250**

☐ **Visa** ☐ **M/C**

(We do not accept American Express)

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Signature: _____

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Spouse/Guest, if attending: _____

Please indicate if you are a member of NSPE Yes ☐ No ☐

Spouses are invited to attend the conference with no registration fee, but are required to register and pay for ticketed events. Students must show I.D. at registration. Please check every event that you plan to attend.

On-time registration deadline is May 30, 2015

Please check every event that you plan to attend.

Event	How many attending	Amt.	Late Fee After 5/30	Total
NSPE/State Society Member Registration <i>Includes attendance to all seminars (excluding Lunch N' Learn) Speakers may attend seminars with no registration fee</i>	_____	\$210	+\$50	_____
Spouse Registration: <i>Spouses do not have to pay a registration fee, however, they must pay for ticketed events listed below.</i>	_____	N/C	N/C	_____
Non-Member Registration: <i>Fees include one year membership in Society of your choice</i>	_____	\$365	+\$50	_____
Student Member Registration: <i>Must show I.D. at check-in</i>	_____	\$35	+\$25	_____
Sunday Breakfast/General Session	_____	\$10	+\$10	_____
Sunday Lunch N' Learn Seminar	_____	\$10	+\$10	_____
Sunday Exhibitor Meet & Greet: <i>(4:30 PM - 6:30 PM) Must be present to win door prizes</i>	_____	\$10	+\$10	_____
Monday Continental Breakfast	_____	\$5	+\$10	_____
Monday General Membership Luncheon	_____	\$20	+\$10	_____
Monday Beach Volleyball/Bonfire	_____	\$10	+\$10	_____

Monday Golf Tournament at The Links:

Handicap: _____ Length of drive: _____

Golf Tournament Information: 4-man scramble, fee includes green fees & cart fees. Fee free to bring promotional items to be given away as gifts.

For golf questions please contact John Plaisance at jplaisance@waynepsaisance.com

Tuesday Continental Breakfast

Tuesday Installation Luncheon

\$100

+\$15

\$10

+\$10

\$40

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Beach Volleyball & Bonfire. Join us for glow in the dark Beach Volleyball on the beautiful Sandestin Beach. We will serve hot dogs and hamburgers and to top off the night, s'mores around the bonfire. The kids will enjoy the waterslide and spacewalk, too! Make plans now to join the fun!

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Registration fees must accompany this form. No refunds after May 30, 2015.
Register by mail w/check, go online or fax w/credit card information to:

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Email: les@les-state.org
www.les-state.org

12TH ANNUAL MULTI-STATE ENGINEERING CONFERENCE

SANDESTIN RESORT, DESTIN, FL

JUNE 28-30, 2015

EXHIBIT SPACE RESERVATION FORM

Firm Name: _____
 Address: _____
 Phone Number: _____ Fax: _____
 E-Mail: _____ Web Site: _____
 Contact Person: _____

Exhibit Representative _____ Badge Name _____

Exhibit Representative _____ Badge Name _____

Exhibit Space Rental Fee \$650 per 8x10 foot space.
Exhibit Space after 5/30 - \$700
 (Includes registration to conference, tickets to Exhibitor Meet & Greet and Sunday, Monday, & Tuesday Continental Breakfast)
 (Booths consisting of 1D Sign, Skirted 6 foot table, 2 chairs, and trash can)

	How many attending	Amount	Late fee After 5/30	Total
Conference Registration <i>Includes attendance to all seminars</i>		N/C	N/C	
Sunday Lunch N' Learn Seminar		\$10	+\$10	
Sunday Exhibitor Meet & Greet: 4:30 - 6:00 pm (Must be present to win door prize)		N/C	N/C	
Monday General Membership Luncheon		\$20	+\$10	
Monday Golf Tournament at The Links		\$100	+\$15	
Handicap: _____ Length of drive: _____ <i>Golf Tournament Information: 4-man scramble, fee includes green & cart fees. Feel free to bring promotional items to be given away as gifts. For golf questions please contact John Plaisance at jplaisance@jwayneplaisance.com</i>				
Monday Beach Volleyball & Bonfire		N/C	N/C	
Tuesday Installation Luncheon		\$40	+\$10	
TOTAL FEES		\$		

Please select your choice of booths from the layout on the back of this form: 1st _____ 2nd _____ 3rd _____
 Will you be participating in the Exhibitor Meet & Greet and will you bring a door prize?
 Yes _____ No _____

Are you interested in sponsoring an event?

If yes, Lunch N' Learn _____ Exhibitor Meet & Greet _____ Golf _____ Beach Volleyball/Bonfire _____

At the Exhibitor Meet & Greet on Sunday, June 28th at 4:30 pm, you will be given the opportunity to showcase your company and then draw a name to give out a door prize that you will provide.

Note: Payment must be included with your reservation. Reservations will be processed in the order received for location in the exhibit hall. **No refunds will be given.**

PLEASE CHECK: VISA _____ MasterCard _____ Discover _____ (WE DO NOT ACCEPT AMERICAN EXPRESS)
 CARD NO.: _____ EXP. DATE: _____
 SIGNATURE: _____

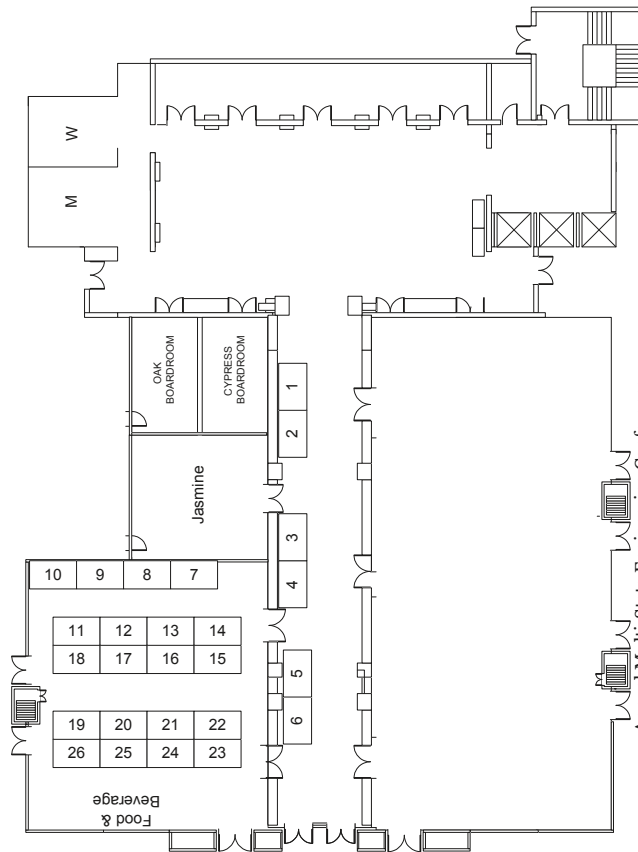
Please mail, email, or fax payment to:

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