

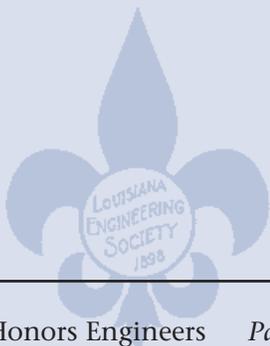
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**TONY ARIKOL, PE**  
**ACEC/L 2015-2016 PRESIDENT**



## Louisiana Engineering Society

9643 Brookline Avenue, Suite 116, Baton Rouge, LA 70809-1488  
 Telephone: (225) 924-2021, Fax: (225) 924-2049  
 E-mail: [les@les-state.org](mailto:les@les-state.org)  
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## American Council of Engineering Companies of Louisiana

9643 Brookline Avenue, Suite 112, Baton Rouge, LA 70809-1488  
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## Louisiana Professional Engineering and Land Surveying Board

9643 Brookline Avenue, Suite 121, Baton Rouge, LA 70809-1488  
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 Website: [www.lapels.com](http://www.lapels.com)



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1/2 Page	\$700	\$2,240
1/4 Page	\$420	\$1,344

- 1) Prices quoted apply to camera-ready copy. A one-time charge will be added for composition of an ad, art work, or if changes are made during the contact period.
- 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

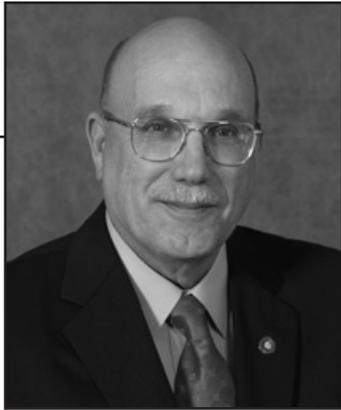
Brenda Gajan, *Managing Editor*  
 Dan Mobley, *Associate Editor*

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

Theodore H. Thompson, PE



Theodore H. Thompson, PE  
Chairman

“...safeguard life, health, and property and to promote the public welfare....”

When you read this, I will be completing my term as Chairman and as a member of the board. It has been as much work, as I was told. I have been honored to serve you and the citizens of Louisiana. The Louisiana board is a very active board and the work is only accomplished through dedicated engineers and land surveyors willing to donate so much of their time, in accomplishing our responsibilities; along with a tremendously hard-working staff and support personnel. Thank you all.

Special thanks to our board attorney, Mr. Scott Landry, who has always been available to answer my questions, advise the board, provide needed guidance in preparation of our working documents, and allowing the board to discuss various issues, at length, and then quietly adding his voice on how to properly word our deliberations, so that you can understand the board’s intent.

My grateful thanks to our executive director, Ms. Donna Sentell, who herds cats. That is the only way to describe how she harmoniously deals with eleven independent thinking board members, numerous staff, and thousands of registrants and applicants. I can only appreciate this in a small part, as I only receive a very small fraction of the calls and e-mails that she receives.

As I complete these comments, I will have random thoughts, without regard to proper grammar transitions. I know, why should I change now?

Having been involved in a number of enforcement cases, I stress that you must be thoroughly familiar with our laws and rules. In many case we hear “I didn’t know.” If you are registered in more than one state, know

their rules. We get the same response from out-of-state registrants. You spend considerable amount of time checking codes, why not put the same effort into engineering laws and rules?

If you are found to be violating our rules, your name will be published and sent to NCEES, for viewing, by all the other jurisdictions. If you violate another state’s rules and it would be a violation, if it occurred in Louisiana, we will also pursue.

You are responsible for your renewals, not the accounting department, not your staff. If your firm pays for your renewals, I recommend you write the check and request reimbursement. Then YOU know the renewal is complete.

Pay attention to your continuing professional development. You cannot earn 30 hours of CPD in a one-day on-line course. The board staff is checking on this.

Volunteer to be a question writer for NCEES exams. This is a very educational and rewarding experience. Volunteer at your local engineering school to mentor students with their Capstone projects. Offer to teach or speak to engineering classes. More and more universities across the country are using adjunct faculty to supplement their staff, due to budget cuts.

Visit the LAPELS website to stay current with any changes and posted opinions of the board. You are not only invited to our board meetings, I encourage your visit.

In closing, I say thank you to all the board members who proceeded me, for your service and for the your development of our laws, rules, and policies. For those that I served alongside, thank you for your patience, advice, guidance, and understanding.

To the registrant, the board strives not to infringe or restrict your respective professions; but, only to safeguard the citizens of Louisiana.

**UPCOMING BOARD MEETINGS**  
March 21/22, 2016  
May 16/17, 2016  
July 18/19, 2016  
September 19/20, 2016  
November 14/15, 2016

LAPELS LA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

## Board Members

- Theodore H. Thompson, PE  
*Chairman*
- Kevin E. Crosby, PE, PLS  
*Vice Chairman*
- David L. Patterson, PLS  
*Treasurer*
- John W. ‘Billy’ Moore, PE  
*Secretary*

- Terry J. Huval, PE
- Christopher P. Knotts, PE
- Paul N. Hale, PhD., PE
- Alan D. Krouse, PE
- D. Scott Phillips, PE, PLS
- Thomas R. Carroll, III, PE, PLS
- Wilfred J. Fontenot, PLS

[www.lapels.com](http://www.lapels.com)

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- Donna D. Sentell  
*Executive Director*
- Richard Savoie, PE  
*Deputy Executive Director*
- Tyson Ducote  
*Director of Enforcement*
- William Hyatt  
*Board Investigator*

# DISCIPLINARY AND ENFORCEMENT ACTIONS

Tyson Ducote, Director of Enforcement



Tyson Ducote  
Director of Enforcement

The Board continues to investigate alleged violations of the laws and rules which regulate the practice of engineering and land surveying in Louisiana. Substantiated violations result in disciplinary or enforcement action being taken either through a Consent Order or by Board Decision following a formal hearing at which the respondent is adjudged guilty of one or more violations. Below is a summary of the disciplinary/enforcement actions taken by the Board since the previous issue of the Journal.

## **LAND SURVEYING STANDARDS OF PRACTICE VIOLATIONS:**

**George D. Sullivan, PLS**, a professional land surveyor (PLS-4683), was subject to disciplinary action by the Board for failing to comply with the Board's standards of practice for boundary surveys in violation of La. R.S. 37:698(A)(6), *to wit* LAC Title 46:LXI§2907(C), 2907(E), 2907(G)(4) and 2907(G)(14)(i). In 2013, Mr. Sullivan performed a property boundary survey and prepared, signed, sealed and issued a survey plat for property in Louisiana in which (a) corner monuments were not identified on the plat as "found" or "set" with a sufficient description of the monuments and (b) there was no legend on the plat for symbols and abbreviations used. Mr. Sullivan has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$500; to pay administrative costs of \$718.66; to successfully complete the Board's online Louisiana Standards of Practice for Boundary Surveys Quiz; to correct the standards of practice violations on a revised survey plat, provide the revised survey plat to the Board for review, submit the revised survey plat to the applicable parish clerk of court after Board review, properly file the revised survey plat into the public record after the applicable parish clerk of court review, and provide certified copies of the filed revised survey plat to the Board; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

## **BEING DISCIPLINED BY THE LICENSING AUTHORITY OF ANOTHER STATE:**

**Stephen P. Maslan, PE**, a professional engineer (PE-22823), was subject to disciplinary action by the Board for having been disciplined by the licensing authority of another state for matters recognized as grounds for disciplinary action in Louisiana at the time the action was taken in violation of

La. R.S. 37:698(A)(7). In July 2012, the Kansas State Board of Technical Professions took disciplinary action against Mr. Maslan for gross negligence, incompetency, misconduct or wanton disregard for the rights of others in the practice of engineering, by designing, preparing and sealing plans and specifications for the fire alarm systems in (a) a church building, which contained 12 deviations from generally accepted engineering standards and practices and constituted a danger to the health, safety and welfare of the public, and (b) a retail store building, which contained 9 deviations from generally accepted engineering standards and practices and constituted a danger to the health, safety and welfare of the public. The Kansas Board placed Mr. Maslan on probation for a period of two years and assessed him with \$19,729.46 in fines and \$5,270.54 in fees and expenses. Mr. Maslan has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to his Louisiana professional engineer license being placed on probation for a period of five years; to the revocation of his Louisiana professional engineer license, if during the probation period he is found by the Board to have committed another violation of the Board's laws and/or rules; to pay a fine of \$2,000; to pay administrative costs of \$1,172.11; to successfully complete the Board's online Louisiana Laws and Rules Quiz; to successfully complete the Board's online Louisiana Professionalism and Ethics Quiz; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

## **FAILURE TO USE EXACT FIRM NAME:**

**Leonard C. Quick & Assoc., Inc.**, a professional engineering firm (EF-2087), was subject to disciplinary action by the Board for providing or offering to provide engineering services in Louisiana with a firm name which is not the exact firm name contained on the firm's certificate of licensure issued by the Board in violation of La. R.S. 37:698(A)(6), *to wit* LAC Title

46:LXI§2307. Since at least 2007, the firm has admittedly provided and offered to provide engineering services in Louisiana under the firm name of “Quick & Associates, Inc.” The firm has entered into a Consent Order with the Board, wherein it admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$1,000; to pay administrative costs of \$482.34; to immediately cease and desist providing and/or offering to provide engineering services and/or identifying or advertising itself in Louisiana through a firm name which is not the exact firm name contained on its certificate of licensure issued by the Board; and to the publication of the Consent Order on the Board’s website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

### **MULTIPLE LAWS/RULES VIOLATIONS:**

**David F. Boudreaux, PE**, a professional engineer (PE-28239), was subject to disciplinary action by the Board for (a) fraud, deceit, material misstatement or perjury, or the giving of any false or forged evidence, in applying for a renewal license with the Board in violation of La. R.S. 37:698(A)(1); (b) gross negligence and gross misconduct in the practice of engineering in Louisiana in violation of La. R.S. 37:698(A)(2); (c) approving and sealing design documents which are not safe for public health, property and welfare, which are not complete and accurate, which are not in conformity with accepted engineering standards or practice, and/or which do not conform to applicable laws and ordinances in violation of La. R.S. 37:698(A)(6), *to wit* LAC Title 46:LXI§2503(C); (d) failing to comply with the Board’s CPD requirements in violation of La. R.S. 37:698(A)(6), *to wit* LAC Title 46:LXI§3105(A), 3115, 3117 and 3119; and (e) failing to timely provide information or documents requested by the Board relating to any alleged violation of the Board’s laws or rules in violation of La. R.S. 37:698(A)(10). In 2013, Mr. Boudreaux sealed, signed and issued to his client and the Louisiana State Fire Marshal a set of engineering design plans for a new restaurant and two mercantile spaces in Louisiana which included a number of material deficiencies. In October 2013, the Board notified Mr. Boudreaux to provide certain information relating to possible violations of the Board’s laws and/or rules involving the above referenced project and to submit the appropriate documentation to validate completion of all CPD requirements for active status for the biennial licensure renewal period of 2011 to 2013. Mr. Boudreaux received this notice; however, the Board received no response from Mr. Boudreaux to the notice. In November 2013 and August 2014, the Board again notified Mr. Boudreaux to provide certain information relating to possible violations of the Board’s laws and/or rules involving the above referenced project and to submit his CPD records for the biennial licensure renewal period of 2011 to 2013.

Mr. Boudreaux received these notices; however, once again the Board received no response from Mr. Boudreaux to the notices. In February 2015, the Board notified Mr. Boudreaux to submit his CPD records for the biennial licensure renewal period of 2013 to 2015. In April 2015, Mr. Boudreaux replied to this audit and submitted his CPD records for that period. In April 2015, Mr. Boudreaux finally replied to the CPD audit for the biennial licensure renewal period of 2011 to 2013; however, he failed to produce the appropriate documentation to prove that, for such period, he had earned (a) the required 30 PDHs in engineering-related activities, (b) the required one PDH in professional ethics and (c) the required minimum of eight PDHs in Life Safety Code, building codes and/or the Americans with Disabilities Act Accessibility Guidelines. In May 2015, the Board notified Mr. Boudreaux to submit his project file for the above referenced project. Mr. Boudreaux received this notice; however, the Board received no response from Mr. Boudreaux to the notice. Mr. Boudreaux has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$3,000; to pay administrative costs of \$1,593.86; to successfully complete the Board’s online Louisiana Laws and Rules Quiz; to successfully complete the Board’s online Louisiana Professionalism and Ethics Quiz; to earn the missing PDHs and submit the appropriate documentation to validate completion of said PDHs to the Board; and to the publication of the Consent Order on the Board’s website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

**Lee M. Alexander**, an unlicensed individual who subsequently became licensed as a professional engineer effective February 25, 2015 (PE-39610), was subject to enforcement action by the Board for (a) practicing and/or offering to practice engineering and using the words “engineer”, “engineering” or any modification or derivative thereof in a person’s name or form of business or activity in Louisiana without proper licensure in violation of La. R.S. 37:681 and 37:700(A)(1) and (7) and (b) failing to separately license a sole proprietorship as a professional engineering firm when it does not bear the full name of a professional engineer owner in violation of La. R.S. 37:700(A)(9), *to wit* LAC Title 46:LXI§2301(C). Since at least November 2010, Mr. Alexander has been representing himself on his *LinkedIn* page as the principal of “Alexander Engineering” and in the *Louisiana Civil Engineer* magazine as a “PE” and associated with “Alexander Engineering”. Also, since at least 2010, Mr. Alexander has been residing and conducting business in Louisiana. Mr. Alexander has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$1,000; to pay administrative costs of \$586.53; to immediately cease and desist the use of the business name “Alexander

Engineering” in Louisiana until such time as either the business is duly licensed by the Board as a professional engineering firm or the business name is changed to include Mr. Alexander’s full name; and to the publication of the Consent Order on the Board’s website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

**AIDING OR ASSISTING ANOTHER PERSON IN VIOLATING LAWS/RULES OF THE BOARD:**

**Leonard C. Quick, PE**, a professional engineer (PE-26378), was subject to disciplinary action by the Board for aiding or assisting another person in violating the laws and/or rules of the Board in violation of La. R.S. 37:698(A)(12). Since at least 2007, Leonard C. Quick & Assoc., Inc. has admittedly provided and offered to provide engineering services in Louisiana under the firm name of “Quick & Associates, Inc.” Mr. Quick was the owner and President of the firm. Mr. Quick has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$500; to pay administrative costs of \$482.34; to successfully complete the Board’s online Louisiana Laws and Rules Quiz; to successfully complete the Board’s online Louisiana Professionalism and Ethics Quiz; to ensure that the firm immediately ceases and desists providing and/or offering to provide engineering services and/or identifying or advertising itself in Louisiana through a firm name which is not the exact firm name contained on its certificate of licensure issued by the Board; and to the publication of the Consent Order on the Board’s website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.




# CONGRATULATIONS ARE IN ORDER!

As of December 31, 2015, these individuals have maintained their PE and/or PLS license for 50 years!

Ronald Lal Boutte PE  
 Emil B. Brauer PE  
 Jorge Alberto Castellvi PE  
 Frank L. Colbert PE  
 Henry C. Coutret PE  
 Thomas A. Harrell PE  
 Troy S. Hickman PE  
 Kenneth V. Hill PE, PLS  
 F. Markley Huey PE  
 David Sanders Huval PE, PLS

Roy Herman Koerner PE  
 Sheldon R. McNeal PE  
 Gustave Antoine Mistrot PE  
 Robert Amos Neff PE  
 John Stephen O’Kelley PE  
 C. Robert Palmer PE  
 Thurlow W. Parish PLS  
 Rawley M. Penick PE  
 Ralph W. Pike PE  
 Robert John Rau PE

Benjamin Wight Reiser PE  
 Edgar M. Rosteet PE  
 Joseph E. Schexnaider PE, PLS  
 Frederick Louis Schmidt PE  
 Byron D. Smith PE  
 Joseph Thomas Smith PE  
 Horace Mitchell Staggs PE  
 Dale C. Thompson PE  
 Perry D. Wiggins PE, PLS

# NEW REGISTRANTS

*Congratulations to the following newly licensed and certified for the period of 7/28/15 through 10/15/15*

## LAND SURVEYOR INTERNS

Landry, Phillip Joseph, LSI  
Morgan, Karl Leon, LSI  
Morris, Richard Addison, LSI

## SURVEYING FIRMS

Greene Surveying Solutions, LLC, VF

## ENGINEER INTERNS

Alvarez-Ruiz, Mariann, EI  
Baldwin, Craig S., EI  
Beem, William Alexander, EI  
Bennett, Joshua Robert, EI  
Boltz, Leland Jacob, EI  
Bordelon, Ambrose, EI  
Botros, Amir, EI  
Bowling, Samantha Lisette, EI  
Bradley, Jennifer Lynn, EI  
Brink, Travis Lloyd, EI  
Britt, Jason Wayne, EI  
Broussard, Philip Ross, EI  
Buenrostro, Eliud, EI  
Bush, Jason Elias, EI  
Cardenas, Liz, EI  
Charlot, William John, EI  
Cho, Kelvin Wai, EI  
Chon, Dong Hyun, EI  
Cortez, Brandon Christopher, EI  
Cranford, Colton Mark, EI  
Crossfield, Jessica Whitney, EI  
Daigle, Taylor Michelle, EI  
Doiron, Cole Michael, EI  
Donahue, Michael J., EI  
Ducon, Yesid Andres, EI  
Dupuis, Paul David, EI  
Elkassouf, Mark Georges, EI  
Fernandez, Kevin Thomas, EI  
Gonya, Joshua Daniel, EI  
Henderson, Nicole Lashaun, EI  
Higginbotham, Daniel Dalton, EI  
Hise, Forrest Salter, EI  
Honore, Jacques Anthony, EI  
Hudson, Matthew Joseph, EI  
Islam, Md Rashedul, EI  
Jacob, Rene Shawn, EI  
Johnson, Bryan Christopher, EI  
Jones, Andrew Morgan, EI  
Kagawa, Leia Umeko, EI  
Lagarde, Mark Garrett, EI  
Ledet, Sim Joseph, EI  
Lemoine, Nicholas Raymond, EI  
Leonard, Kent Michael, EI  
Lester, Aaron Michael, EI  
Little, Jack Ransome, EI  
Macek, James Thomas, EI  
MacNeill, Ramsay Forrest, EI  
Maestri, Christopher Burke, EI  
Martin, Tanner Ray, EI  
Mayard, Dustin John, EI  
Morse, Frank Wesley, EI  
Nayeem, MD Abu Nasser, EI  
Nelson, Elizabeth Newkirk, EI  
Nelson, Ian Christian, EI  
Nguyen, Hoang Le, EI  
Nguyen, Kha H., EI

Nichols, Tomas Lyle, EI  
Novikov, Oleksii, EI  
O'Brien, Alec Carter, EI  
Oliver, William Joseph, EI  
Pritchett, Chelsea Dianne, EI  
Richard, Justin Edward, EI  
Robideaux, Dylan J, EI  
Rodriguez, Maria Camila, EI  
Sercovich, Christopher Joseph, EI  
Sexton, Joe Henry, EI  
Shu, Xin, EI  
Sinegal, John, EI  
Smith, Bryan Benjamin, EI  
Sockwell, Shaun Timothy, EI  
Stone, William Joseph, EI  
Strahan, Zachary David, EI  
Strunk, Stuart Wilson, EI  
Stuart, Matthew Robert, EI  
Sui, Yueqiang, EI  
Thomas, Eden Willoughby, EI  
Toups, Jeffrey Alan, EI  
Waggenpack, Garrett Joseph, EI  
Wieser, Jakob Harlan, EI  
Wong, Pak Him, EI  
Wood, Casey Alexis, EI  
Xie, Feng, EI

## PROFESSIONAL ENGINEERS

Aarhaus, Benjamin Patrick, PE  
Ali, Al I., PE  
Arnold, John Waller, PE  
Bennett, Linda F., PE  
Bennett, William Thomas, PE  
Bolinger, Tyler Braye, PE  
Borden, Jacob R., PE  
Borrelli, Joseph Vincent, PE  
Bradley, Marla E., PE  
Braud, Ellen Loe, PE  
Burnes, Jeremy Arvel, PE  
Carnes, Alec R., PE  
Catledge, Paul Curtis, PE  
Cheronis, Jason George, PE  
Christensen, Theodore Edward, PE  
Cirino, Luigi, PE  
Currier, Justin Brett, PE  
Darden, Arthur Dandridge, PE  
Datta, Manohar, PE  
Dulaney, William Proby, PE  
Dunning, James Floyd, PE  
Eero, Stepan Vladimirovich, PE  
Eisenman, Jeffrey Dean, PE  
Evans, William T., PE  
Fares, Osama Subhi, PE  
Farmer, Thomas Joseph, PE  
Feskens, John L, PE  
Fitzsimmons, Gavin David, PE  
Gopalathnam, Jkumar, PE  
Gorseth, Terry Lynn, PE  
Graciano, Santiago, PE  
Haghpanah, Amir, PE  
Hallman, Joshua Scott, PE  
Herrboldt, Erik Lee, PE  
Herrmann, Mark Alan, PE  
Hewitt, Christopher Alan, PE  
Hitt, Bryan Joseph, PE  
Hoffmann, Donald J, PE  
Hydukovich, Paul Michael, PE  
Jaramillo, Fulvio, PE  
Khanlou, Fariborz Ali, PE  
Kimball, Richard, PE  
Kinder, Erin Lea, PE  
Kinton, Paul Leroy, PE  
LaMountain, Michael Charles, PE  
Lamp, Seden Kalyoncu, PE  
Lau, Wesley Shyh-Yih, PE  
Leiter, Christopher James, PE  
Lester, John Michael, PE  
Liaw, Jaunan John, PE  
Lowery, Jeffrey Scott, PE  
Lundberg, Wade Alan, PE  
Ma, Lam Tich, PE  
Martin, Timothy Todd, PE  
Maurin, Andrew Wayne, PE  
McCall, Joshua Dale, PE  
McInerney, Stephen John, PE  
Medwell, Christopher John, PE  
Mohr, Andrew, PE  
Montesdeoca, Jorge Andres, PE  
Morlock, Rebekah Kay, PE  
Myers, Dennis Carl, PE  
Nawab, Rehan, PE  
Old, Jeffrey William, PE  
Ondrasik, Bryan Wesley, PE  
Petersen, Craig Howard, PE  
Peyton, Melissa Ann, PE  
Phelps, Brent William, PE  
Pilla, Satyanarayana, PE  
Porto, Christopher Jose, PE  
Rhett, Brian Mark, PE  
Richards, John Joseph, PE  
Rishcoff, Cheryl Lynn, PE  
Rodgers, Thomas Lee, PE  
Saldana, Audrey Denon, PE  
Salphine, Kenneth George, PE  
Schwartzberg, John Neil, PE  
Seyedkalal, Shahabedin, PE  
Shaw, Christopher Lee, PE  
Shoaf, Robert Thomas, PE  
Smith, William Louis, PE  
Stover, Eric Scott, PE  
Stringer, Andrew Bryan, PE  
Sweet, Dustin Kyle, PE  
Thapa, Janak, PE  
Tighe, Steven James, PE  
Trahan, Justin Lynn, PE  
Tripler, Matthew Justin, PE  
Tweedley, Scott Joseph, PE  
Ureta, Nathaniel Punzalan, PE  
Waranius, Matthew Edward, PE  
Warren, Jeffery Howard, PE  
Whitcomb, George David, PE  
Whritenour, Glenn Patrick, PE  
Yong, Chou-Wun, PE

## ENGINEERING FIRMS

Bear Creek Engineering, LLC  
BMD Consulting LLC  
Butterbean Development Group LLC  
C.R. Meyer and Sons Company  
CaliChi Design Group, LLC

Carter Miller Associates, Ltd.  
Certified Professional Engineers, LLC  
Collins Consultants, Inc.  
Crunk Engineering LLC  
CST Engineering, LLC  
Decon LLC  
Dell Consulting LLC  
DM McNew LLC  
EEI Acquisition Corp  
Encotech Engineering Consultants, Inc.  
Environmental Corporation of America  
FDR Engineers, PLLC  
Fisher and Arnold, Inc.  
G. Herschman Architects, Inc.  
Grand Isle Shipyard, Inc.  
Great Southern Engineering, Inc.  
H2O Training and Process, LLC  
Hebert Field Services, LLC  
Joy Global Conveyors Inc.  
KME Salas O'Brien  
Kolwe Design Services, LLC  
Lonquist Field Service, LLC  
Mangan Inc.  
Mercer Software Solutions, LLC  
Mid-South Consulting of Louisiana, Inc.  
PBA Engineering, PC, Inc.  
Penn Pro, Inc.  
Principle Engineering Services LLC  
R-S-C-R, Inc.  
Redmann Engineering, LLC  
Reese Tower Services, Inc.  
Standard Structures Inc.  
Stonewall Consulting, LLC  
Structural Concepts and Designs, LLC  
The Reaves Firm, Incorporated  
The Warren Group, Inc. of South Carolina

# LAPELS RESPONSE FOR PROFESSIONAL LAND SURVEYORS WHO PREPARE MINERAL RIGHTS SURVEYS

Kevin E. Crosby, PE, PLS, Land Surveying Committee, Chairman

Dear Mr. Ballard:

On December 12, 2012, you sent me a letter regarding issues you were encountering while preparing mineral unit surveys for the Louisiana Department of Natural Resources (Office of Conservation). The letter was addressed to me as a member of the Louisiana Professional Engineering and Land Surveying Board (LAPELS).

In your 2012 letter, you pointed to several items that LAPELS governs, along with the obligations of our licensees. In order to properly determine the location of section lines, La. R.S. 50:125 states in part, "In making re-surveys under the provisions of this Part, the surveyor shall, as nearly as possible, re-establish the original lines of any prior survey made under United States or state authority." You go on to point out the obligation that professional land surveyors have per Title 46, Part LXI, Section 2503 (A) of the Louisiana Administrative Code (LAC), to "hold paramount the safety, health, property and welfare of the public in the performance of their professional duties."

Based on our discussions, the Louisiana Office of Conservation (LOC) was reviewing all mineral unit surveys submitted and requiring professional land surveyors to match previous mineral unit surveys that had been submitted and approved in the past. Per LOC Order No. 1490-C, the respective unit lines must coincide with section lines and each owner within these units will share in production based on surface acreage.

You requested that LAPELS review your letter and clarify whether the requirements of the LOC conflicted with your obligations as a professional land surveyor under the laws and rules of LAPELS. LAPELS referred the matter to the Land Surveying Committee, and we began the process of gathering information and discussions with representatives of the LOC.

On May 20, 2014, the Land Surveying Committee met with the LOC to discuss the issue<sup>1</sup>. During this meeting, we discussed the concerns you had with the policies and procedures of the LOC when reviewing mineral unit survey plats. We also discussed how the LOC required that when section lines are unit boundaries, these boundaries must be consistent across multiple units, which created situations that could violate the laws and rules of LAPELS. As you are aware, our rules require that professional land surveyors show section lines in the location calculated by them based on evidence found in the field. If the LOC requires such a line to match an older mineral unit survey plat (to ensure consistent boundaries), this could potentially force newer survey lines to be inconsistent with the evidence found in the field, given that an older survey plat may have been inaccurate, used older technology, etc.

The LOC agreed to discuss the issue internally within their organization to see what solution could work for their group. The LOC's primary dilemma is where equity has already been established in a mineral unit or essentially when mineral owners have been paid royalties for years pursuant to existing mineral unit surveys. The LOC employs no professional land surveyors and is also not in the position to declare one plat correct and another incorrect<sup>2</sup>. To this point, LAPELS also is not in the position to declare where the current section lines should be located, but LAPELS does have rules as to how the information is to be shown by the professional land surveyor and the extent of the information to be shown.

Over the course of the next few months, I communicated with LOC counsel, Daniel Henry, Jr., several times to discuss the progress and different options that may work for both groups. On February 10, 2015, the Land Surveying Committee had a follow up meeting with the LOC<sup>3</sup>. Based on our discussions at that meeting, the LOC will allow professional land surveyors to show section lines (as measured) based on the evidence found in the field and their professional judgment, provided the previous mineral unit survey lines as originally established serve as the unit boundary<sup>4</sup>. This will allow for professional land surveyors to record boundaries as measured, but also not create gaps or overlaps in mineral units.

The above procedure will be forwarded to the Louisiana Society of Professional Surveyors (LSPS) to distribute to their membership. Per our recent discussions, this letter will serve as the resolution to this matter and you have withdrawn your Petition for Declaratory Order and Ruling to LAPELS. We appreciate your efforts in helping resolve this matter and your patience while it was going through the process. Should you have any questions please give me a call.

Sincerely,  
Kevin E. Crosby, PE, PLS  
Land Surveying Committee, Chairman

1 In attendance were: Andrew Wascom - DNR/LOC, Daniel Henry, Jr. - DNR/LOC, James Magee - DNR/LOC, Brent Campbell - DNR/LOC, Mike Peikert - DNR/LOC, Walter Ballard - Hunt, Guillot & Associates, Ernie Gammon - LAPELS, Chris Knotts - LAPELS, Kevin Crosby - LAPELS.

2 As the LOC explained to the Committee, the LOC's primary charge in this area is to prevent waste and to ensure that mineral owners may obtain their just and equitable share of the production from a given unit.

3 Same individuals as above, except for Andrew Wascom.

4 The professional land surveyor's notes can be added to the plat to explain the differences and to clarify the decisions made.

# PRESIDENTIAL PRIVILEGE

Heather R. Klingman, PE



**Heather R. Klingman, PE**  
*Louisiana Engineering Society President*

I'd like to first, take this opportunity to wish everyone a Happy and prosperous New Year, and hope that everyone enjoyed their holidays with family and friends.

For LES, January was filled with the hustle and bustle of preparing for 20th Annual Joint Engineering Societies Conference, which was held January 20th and 21st, in Lafayette. This year, we totaled approximately 250 registrants, 31 exhibitors, and 9 sponsors, all of whom contributed to making the conference such a great success, and we thank you for your time and participation.

Now that JESC is over we will be focusing our attention on the upcoming annual meeting, which will be held at the Hilton in Pensacola, June 5th through 7th. Please make sure to mark your calendars early and join us this summer in Pensacola.

### **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.*

# Spread the Word about LES!!!

*Sponsor a new LES Member by inviting your colleagues to join you as a member of the only organization representing the interest of all engineering professionals.*

- Invite them to join you at a chapter event
- Encourage them to visit the LES and NSPE websites
- Send the State Office a list of colleagues you would like to nominate for membership and we will send them membership information.

***We appreciate your participation in membership recruitment!***

## CONNECT WITH LES ONLINE!



**Follow Us on Twitter!**  
**@laengsoc**



**Like Us on Facebook!**  
**www.facebook.com/LouisianaEngineeringSociety**

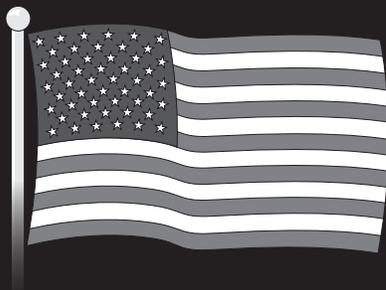
## SAVE THE DATE

**Multi-State Engineering Conference**

*June 5-7, 2016 – Pensacola Beach, Florida*

SEE PAGE 22

## NATIONAL ENGINEERS WEEK



**FEBRUARY 21-27, 2016**

# SOCIETY NEWS

Brenda Gajan, LES Executive Director



## 2015-2016 LOUISIANA ENGINEERING SOCIETY BOARD OF DIRECTION



*Standing; Jacob Loeske PE, Luke Miller PE, Robert Mejia PE, Glenn Orgeron PE, Chris Knotts PE, Tyler Comeaux PE, Chad Bacas PE, James Bowie PE, Garry Johnson PE, Brad Anzalone PE, Stan Whitney PE, Chris Richard PE, Mary Aymond PE, Chad Hadaway PE, Billy Moore PE, Mike Bares PE. Seated; Susan Richard PE, Byron Racca PE, Heather Klingman PE Glenn Turner PE, Josh Hays PE and Brenda Gajan*

### CALENDAR OF EVENTS

#### February 2016

- 17 Project Management Seminar – Baton Rouge, LA
- 1-28 MATHCOUNTS Window for Chapter Competition
- 21-27 National Engineers Week

#### March 2016

- 11 MATHCOUNTS State Competition – Pineville, LA
- 14 8 Hour Life Safety Code Seminar – Bossier City, LA
- 16 8 Hour Life Safety Code Seminar – Alexandria, LA
- 18 8 Hour Life Safety Code Seminar – Baton Rouge, LA
- 21 8 Hour Life Safety Code Seminar – Covington, LA
- 30 8 Hour Life Safety Code Seminar – Lake Charles, LA
- 31 Baton Rouge Chapter Licensing Ceremony

#### April 2016

- 5 Alexandria Chapter Licensing Ceremony
- 11 Bayou Chapter Licensing Ceremony
- 12 Lake Charles Chapter Licensing Ceremony
- 13 Shreveport Chapter Licensing Ceremony
- 14 Monroe Chapter Licensing Ceremony
- 19 Lafayette Chapter Licensing Ceremony
- 20 New Orleans Chapter Licensing Ceremony
- 22 LES Board Meeting – Alexandria, LA

### WELCOME NEW MEMBERS

#### Alexandria Chapter

John D. Jurgensen, Affiliate

#### Baton Rouge Chapter

Adam M. Gulino, EI Associate

Member Under 30

Jillian N. Stevens, EI Associate

Member Under 30

Andrew Milanes, PE Member

William C. Snyder, PE Member

Curt Boniol, Affiliate

Elizabeth Ann Wills, Affiliate

#### Lafayette Chapter

Mallory C. Hutchinson, PE Member

John Todd Deville, PE Member

Mauricio Nunes Marques, Student Member

Emmanual Amiewalan, Student Member

Sydney Ardoin, Student Member

Ndeloa Asonganyi, Student Member

Tiago Atwi, Student Member

Stephen Au, Student Member

Muhamed Awad, Student Member

Mason Orantes, Student Member

Lafayette Consolidated Government, Public Works Dept, Affiliate Agency

#### Lake Charles Chapter

Andrew T. Mattingly, EI Associate

Member Under 30

James M. McCarty, PE Member

#### New Orleans Chapter

Elizabeth N. Rayfield, EI Associate

Member Under 30

Chad Roe, EI Associate Member

Under 30

Jorge A. Montesdeoca, PE Member

Alyssa S. Chuang, Student Member

#### Shreveport

Michael Steven Vercher, PE Member

Dutch Johnson, PE Member

Hannah B. Beatty, PE Member

City of Shreveport, Affiliate Agency

#### Non-Resident

Michael Curtis Lambert, PE Member

James E. Welter, PE Member

David G. McDowell, PE Member

Carl Louis, Student Member

# 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 achievements of these individuals. Listed below is a schedule of when they will be held. Call 225-924-2021 to RSVP. PLEASE JOIN US TO CELEBRATE YOUR ACHIEVEMENT!

- March 31 Baton Rouge – Juban’s
- April 5 Alexandria
- April 11 Bayou
- April 12 Lake Charles
- April 13 Shreveport
- April 14 Monroe
- April 19 Lafayette – Petroleum Club
- April 20 New Orleans

## BATON ROUGE CHAPTER

By Jacob M. Loeske, PE

I hope everyone enjoyed the holiday season and was able to get some relaxation before the mad dash of January “catch-up” reared its head. Where has the month of January gone? The BR Chapter kicked off the year with the annual APWA/LES BR/ASCE LSU Student Chapter Joint luncheon held at the LSU Tiger Stadium Club. Big thanks to Mr. Stephen Bonnette, Director for the Dept. of Transportation and Drainage for the City-Parish of East Baton Rouge, as he updated everyone on the progress of the Reorganization of DPW and status of on-going and planned projects. We also awarded three LEF Endowed Scholarships (Shaw, Charles Eustis, and BR Chapter) to deserving engineering students attending Southern University.

The BR Chapter has also been busy assisting with the 2016 JESC Don’t Burn the Roux gumbo cook-off held in conjunction with annual Conference located in Lafayette (note: BR Chapter won the tie-breaker of People’s Choice Award). Thanks to the honorary judges Mayor Ricky Calais – Breaux Bridge, Mayor Ken Ritter – Youngsville, and Tom Carroll – Lafayette Public Works Director. Congrats to Case Engineering on 1st Place.



We are also honored to have four State Award recipients from our Chapter and the Baton Rouge community whom received their awards at the JESC Awards Luncheon:



- Ms. Sherri LeBas – Charles M. Kerr Public Relations Award
- Mr. William Daniel – A.B. Patterson Medal for an Engineer in Management
- Mr. Stephen Estopinal – Leo M. Odom Award for Services to the Profession
- Mr. Clinton Willson – James M. Todd Technological Accomplishment Medal.

Planning efforts continue as we have many more events in the upcoming months. Our board is preparing for Mathcounts on February 5th being held at the LTRC facility, the E-Week Banquet on February 25th being held at Juban’s Restaurant, the monthly Luncheon on March 31st being held at Juban’s Restaurant, the Annual Crawfish Boil on April 8th being held at Walk-Ons on Burbank Drive, and the 26th Annual William A. Wintz Memorial Scholarship Golf Tournament on April 15th being held at Copper Mill. SAVE THE DATES!

As the unusually warmer winter season (also referred to as hunting season) comes to a close, I personally welcome the crawfish season (also known as carnival and golf seasons)! On behalf of the LES BR Board, we look forward to seeing everyone at these functions!

## ALEXANDRIA CHAPTER

By Heath McGuffee, PE

Our year is off to a good start here in the big Town of AlexanMrs. Jennifer A. Gemar, PE for her hard work throughout the 2014-2015 year.

It has been a busy year for the Alexandria Chapter already, and we are looking to carry that momentum into this next calendar year. We're excited about our opportunity to host the Annual Joint Engineering Society Conference this year on January 20 and 21, 2016. We have worked very hard at preparing for that event, and we would like to thank Mr. Kerry LaBauve for leading that effort for our chapter.

We are also gearing up for our local Mathcounts competition that will be held on February 20th at the Tioga Junior

High School. As usual, we will not be holding a meeting in February in preparation for this event. We always enjoy putting this event on and helping promote math education for the area children. Josh Barrett, the Alexandria Mathcounts leader, has been working to line out the event, and we appreciate all that he does.

Our regular meeting schedule will resume on March 1st with Mr. Pat Imhof speaking about the Environmental aspects of projects and the challenges that they present. I'm looking forward to this presentation, and I hope to see all of our members there.



## MONROE CHAPTER

By Brad Anzalone, PE

Welcome to 2016! Hopefully everyone had a happy holiday! The Monroe Chapter finished 2015 at our December luncheon with an ethics presentation by LAPELS representatives Kevin Crosby and Scott Phillips. We began 2016 at our January luncheon with a presentation from Ben Humphries with Delta Process.

During our January meeting we presented three scholarship checks to area engineering students. We would once again like to congratulate our three recipients: Cody Abshire (James and Margaret Mohr Civil Engineering Scholarship), Luke Villermin (Waldemar Nelson Scholarship), and Nathan



Dakota Hill (Lazenby & Associates, Inc. Scholarship). The Monroe Chapter is very proud of these three exceptional students! Hopefully upon graduation, they will take the next step in their careers and pursue professional licensure.

Preparations have begun for the Monroe Chapter MATHCOUNTS competition. Member volunteers are always needed to facilitate the competition. If you would like to volunteer, you can call Jim Ellingburg at (318) 387-2710. Financial support for the event is also being requested for anyone who would like to be a sponsor. This event serves as a great way to promote the engineering profession.

Our next membership meeting will be held at noon on February 11 at Catfish Cabin. Your attendance is important to the success of our chapter. Also, if you know someone that is not currently a member, please invite them to join us at this meeting. Together we can continue our success by increasing our chapter membership and becoming more involved!



## SHREVEPORT CHAPTER

By Tyler Comeaux, PE

The Shreveport Chapter hosted Louisiana Tech's Dean of Engineering, Dr. Hisham Hegab, for our November luncheon. Dr. Hegab gave a great presentation on the status and future of the College of Engineering and Science at Louisiana Tech. LES Shreveport joined forces with ASCE Shreveport for the January Luncheon where SWEPCO gave a very informative presentation on utility coordination prior to and during construction projects.

The Shreveport Chapter Banquet is scheduled for Friday, February 26, 2016 at 6:00 PM in the Petroleum Club. Please RSVP to me, Tyler Comeaux (tcomeaux@bkusa.com), prior to February 22, 2016 if you plan to attend. Our banquet speaker will be the Honorable Mayor Ollie S. Tyler of the City of Shreveport. LES Shreveport will also be hosting our annual MathCOUNTS competition on February 20, 2016 at the Louisiana Tech Shreveport Campus. We are anticipating eleven (11) schools and over 100 students competing in

the event. If you would like to help out by volunteering please contact Matthew Redmon, Matthew.Redmon@shreveportla.gov, or I about when and where you can help out.

We would also like to welcome anyone wanting to participate in our yearly raffle which provides a scholarship(s) to a local engineering student. This year we will be raffling off an Apple iPad and two (2) yeti 35 quart ice chest. Raffle tickets are \$5 a piece or \$20 for a booklet of five (5) tickets. If you are interested in buying tickets, please contact Tyler Comeaux at tcomeaux@bkusa.com or (318) 222-5901. Thanks again to our sponsors, Utiliserve, Pulley Construction, and Compliance EnviroSystems, for providing this year's prizes. The drawing for the raffle winners will be held at our banquet on February 26, 2015 (winner need not be present).



# YOUNG ENGINEER

Stan Whitney, PE



Stan Whitney, PE

In our organization we are referred to as the “young engineers”, the millennial generation; any engineer today who is thirty-five (35) years of age or younger. Year after year, the world’s “more experienced engineers” are leaving their offices to travel, play more golf, and enjoy their grandkids. These departures are leaving young engineers to become the majority of the workforce. There are many statistics available, but most will tell us that millennials are predicted to be the major portion of the engineering workforce within the decade or so. Each of our baby boomer colleagues, when they depart, take with them a lifetime of knowledge and experience. Unfortunately, the main controlling factor in the equation for “years of experience” is time, and time as you know, is measured in years. Simply stated, each year of experience takes one year to gain. To put things into perspective, a millennial entering the workforce today will need four of those years to become a licensed professional. After a decade has passed, this engineer will have earned a total of ten years of experience, with only six as a professional. At that time he may be asked to replace a retiring engineer who has forty years of experience.

Engineering Society offers its members the greatest benefit. This benefit is extended at no extra charge to our oldest retired members as well as our youngest engineering students. What is the benefit? The benefit is the network. LES provides its members of all ages with a means to connect with each other to share stories and opportunities, both at local chapter meetings, student chapter meetings, and conventions. I encourage those who have stories and experiences to share to get involved and share them. I encourage those who stories are yet to be written and who have questions to ask, ask them before it is too late. Together we can keep our young engineers in Louisiana and secure the future of Louisiana Professional Engineering for our kids and grandkids, and all the yet unnamed generations that will follow.

For the good of the profession, it is imperative that older engineers share their experience with all of us young engineers. Time is of the essence. This is where I think the Louisiana

# BATON ROUGE DELEGATION ATTENDS ANNUAL LEADERSHIP POWER BREAKFAST

Presentations were given from LABI President, Stephen Waguespack; LSU Professor Emeritus of Economics, Dr. Loren Scott; and BRAF Executive Vice President, John Spain and their perspectives looking back on 2015 and ahead for what’s to come in this new year for the city of Baton Rouge and our entire State.



*Alan Krouse, Miles Williams, Brenda Gajan, Chris Knotts, and Chad Bacas*

# 20TH ANNUAL JESC HIGHLIGHTS



# THANKS TO OUR 2016 JESC EXHIBITORS & SPONSORS

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 American Cast Iron & Spiralweld Pipe Com.  
 Associated Pump & Supply  
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 Coburn Supply  
 Contech Engineered Solutions  
 Crom, LLC  
 D&W Systems  
 Delta Process Equipment  
 Environmental Technical Sales, Inc.  
 Eustis Engineering Services, LLC  
 Forterra Pipe & Precast  
 Fyfe/Fibrwrap Construction  
 Gainey's Concrete Products  
 Gulf Coast Underground, LLC  
 Gulf States Engineering Company  
 Huesker, Inc.  
 Huval & Associates, Inc.  
 Industrial Fabrics, Inc.  
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## **Cook-Off Event Sponsor**

Duplantis Design Group, PC

## PROPOSED ACCREDITATION CHANGES OPEN FOR COMMENT

**A**BET's revised criteria for the accreditation of engineering programs are now open for public review and comment. NSPE has been an active participant in the proposed revisions, which specifically address student outcomes and curriculum.

In 2010, NSPE adopted a position statement arguing that new skills are necessary for professional practice. The areas cover leadership, risk and uncertainty, project management, public policy, business concepts, and sustainability.

Some of the language in ABET's revised criteria is similar to the language in NSPE's position statement. ABET's proposed changes include the ability to analyze risk and uncertainty and

knowledge of sustainability. In addition, NSPE contributed input on an earlier draft of the revised criteria. Changes NSPE proposed have been incorporated, such as the inclusion of a specific reference to humanities and social sciences in the general education component complementing a technical curriculum.

The Society continues to monitor the revision process. The deadline to comment is June 30, 2016, although early feedback is appreciated.

Look for an article on the criteria changes in the Jan/Feb issue of *PE* magazine.

# 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, PE, 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.*

### BYRON RACCA, PE

Byron Racca is currently a Senior Project Engineer with Meyer & Associates, Inc. in Sulphur, LA and has been a licensed professional engineer in the state of Louisiana since January 2008. In 2001, Byron was afforded the opportunity to begin his engineering career with Meyer & Associates, Inc. Currently, Byron oversees design and project management activities for various transportation, drainage, potable water distribution, sanitary sewer collection and site development projects for various independent, municipal, parish and industrial clients. During his tenure at Meyer, Byron has had the opportunity to provide engineering design and project management services for approximately 300 civil engineering projects. Byron received a Bachelor of Science Degree in Civil Engineering from McNeese State University in 2002.

Byron has been an active member of LES in the Lake Charles Chapter since 2004. On the Chapter level, Byron has served as 2010/2011 1st Vice President, 2011/2012 President, 2012/2013 President, 2013/2014 1st Vice President and 2014/2015 1st Vice President. While serving on the chapter level, Byron also served on the state level as a State Director from 2012-2014, 2014/2015 Secretary-Treasurer and currently serves as the 2015/2016 2nd Vice President. While serving on the state board Byron has served on many numerous committees. In addition to Byron's service as a board member on the local and state levels, he has successfully managed the Lake Charles LES Annual Golf Tournament for the last four years which provides scholarship assistance to McNeese State University students. Byron has also assisted with activities associated with the Lake Charles Mathcounts Competition and E-Week events in conjunction with McNeese State University.

In addition to his service to LES, Byron also serves on the McNeese Industrial Advisory Board which focuses on providing support and assistance to the McNeese Engineering Program. Byron has also served as a youth basketball and soccer coach under the Upwards Program since 2013.

Byron is a native of Lacassine, LA and currently resides in Lake Charles, LA. Byron has been married to Christine LaVoie of Lake Charles for thirteen (13) years and they have two sons; Jackson (age 7) and Christian (age 5). Byron and his family are members of Our Lady of Good Counsel Catholic Church in Lake Charles, LA.



## 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, PE, 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.*

### BODIN A. HUGGER, PE

Mr. Hugger received a BS in ME in 1957 from the University of Texas and a MSME in 1969 from the University of Houston. He was licensed to practice Mechanical Engineering in Louisiana in 1985 and retired from Shell Oil Company in 1990 after 33 years of service.

Mr. Hugger has served as a director of the New Orleans Chapter of LES since 1994. He is enjoying his third term as Secretary-Treasurer. He also is currently the Chairman of the Scholarship Committee, and the Proctor Coordinator for MathCounts. He served two terms as the chapter's representative on the Jefferson Parish Technical Evaluation Committee, and received the C.M. Kerr Public Relations Award in 2010.

At the state level Mr. Hugger served as Chairman of the Scholarship Committee from 1996 through 1999, and in 2002 he was elected to the Board of Directors of the Louisiana Engineering Foundation.

Mr. Hugger is a director of the Louisiana Federal Credit Union, a position he has held for 37 years and has held numerous offices over this time. In addition, Mr. Hugger has served on the Volunteer Development Committee, and is currently a member of the Policy and the Executive committees. He became a Certified Credit Union Volunteer in 2010 after earning the Filene, Raiffeisen, Bergengren, Desjardins, and Technical awards.

The Louisiana Credit Union League inducted Mr. Hugger into the Hall Of Fame in 2013.

Mr. Hugger is an active member of Our Lady of Divine Providence Catholic Church in Metairie, LA; sings in the choir and serves as a cantor, chairs the Finance Committee, as well as many other services. In 2001, he received the Senior Citizen Award from the Archdiocese of New Orleans.

In 2009 Mr. Hugger was elected to the board of directors of the Shell Norco Retirees Club and has served as the Events Coordinator and Second Vice President.

Mr. Hugger lives with Carolyn, his wife of 60 years, in Kenner, LA where he is serves as treasurer of the Chateau Estates Civic Organization. They have five children, seven grand children and three great grand children.



**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, PE, 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.*

**CLINTON S. WILLSON, PE**

Clint Willson, a native of Pittsburgh, PA, is the Mike Dooley, PE Professor of Civil & Environmental Engineering at Louisiana State University. After earning his B.S. in Aerospace Engineering at Penn State University, Clint was commissioned as an officer in the U.S. Marine Corps. After serving for 6 ½ years, Clint attended the University of Texas at Austin where he earned a M.S. in Environmental Health Engineering and Ph.D. in Civil Engineering. Prior to joining the LSU faculty, Clint spent two years as a postdoctoral research associate in the Department of Environmental Science and Engineering at the University of North Carolina at Chapel Hill. Recently, he has served as the President of the American Society of Civil Engineering Baton Rouge Branch, part-time as the Director of Engineering Design and Innovation at The Water Institute of the Gulf, and as the chair of the Changing Course Competition Technical Team and a member of the Leadership Team.

Clint teaches classes in water resources and environmental engineering, such as Fluid Mechanics, Groundwater, Hydrologic Design, Groundwater Contaminant Transport and River Mechanics and has taught a number of FE and PE review classes. He has served as the department graduate advisor and, with John Pardue, Robert Twilley and others, led the effort to initiate the LSU M.S. in Coastal & Ecological Engineering degree program.

Clint's primary research and development efforts are in two areas: high-resolution 3D imaging of porous materials and physical and numerical modeling of river hydrodynamics and sediment transport. He has published over 40 peer-reviewed journal and proceedings papers, 30 technical reports and book chapters and has made over 120 presentations at local, state, national and international workshops and conferences. Clint has served as the advisor for over 25 M.S. and Ph.D students, as well as a number of undergraduate researchers.

In 2015, Clint was named the first Director of the LSU Center for River Studies, a CPRA-funded facility that is currently under construction at the Baton Rouge Water Campus. The Center for River Studies will house a ~100ft X 90ft mobile-bed physical model of the lower ~140 miles of the Mississippi River, an ~8,000 sq ft outreach and exhibit space, and a ~3000 sq ft hydraulics lab. This facility is the next generation of an effort that began in 2003, when the LA DNR funded the construction and operation of the Small-Scale Physical Model (SSPM) at the LSU Vincent A. Forte River and Coastal Hydraulics Lab. In addition to providing valuable data and insights regarding river and sediment management strategies, the SSPM and Forte Lab were visited by hundreds of students, scientists, engineers and policy-makers and provided an opportunity for dozens of LSU undergraduate and graduate students to get hands-on experience in data collection and analysis of hydraulic data.

Clint and his wife of 27 years, Kay, have three sons, Andrew, Tyler and Meyer. They currently live in the LSU East Campus Faculty-in-Residence apartment where they love interacting with LSU students through programs and informal events.



**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, PE, President of the Society in 1968, active member since 1942, and the award's first recipient.*

**STEPHEN V. ESTOPINAL, PE**

Stephen Estopinal grew up in the swamps and bayous of Saint Bernard and Plaquemines Parishes. He is a civil engineering graduate of Louisiana State University (class of 1968) and a US Army veteran (Combat Engineers 1969-1971). He was President of Estopinal Surveying and Engineering which was established in 1963 in Chalmette, La. The company was destroyed in 2005 by Hurricane Katrina. Estopinal is the Assistant Survey Division Manager at SJB Group, LLC, in Baton Rouge. Formerly President, he now serves as Vice President of the Southeast Louisiana Flood Protection Authority – East.

Mr. Estopinal was licensed as a Civil Engineer in 1975 and became dual licensed as a Professional Land surveyor in 1976, maintaining a family professional tradition begun by his father, Eugene and continued by his son, Matthew.

Recipient of the Louisiana Society of Professional Surveyor's 1988 "Surveying Excellence" award and "Life Membership" status, Mr. Estopinal has remained active in supporting both Engineering and Land Surveying Professions. A frequent lecturer for the LES, LSPS and other continuing educational organizations, he authored *A Guide to Understanding Land Surveys*, published by John Wiley & Sons and now in its 3rd edition and co-authored *Professional Surveyors and Real Property Descriptions* also published by John Wiley.

Now residing in Gonzales, Louisiana, Mr. Estopinal is married to Marie Elaine Russell of New Orleans and they have three children, Tracy Ballagh (10/2/68), Matthew (11/29/71) and Emily Lowe (11/16/82) as well as five grandchildren.

A descendant of Canary Islanders (Isleños) who settled in Louisiana in 1778, Mr. Estopinal's many hobbies include living history demonstrations of the Battle of New Orleans (1814- 1815) and Louisiana's campaign against the British in support of the American Revolution (1779-1782). This interest in Louisiana history has prompted him to write several historical novels, *El Tigre de Nueva Orleáns*, *Incident at Blood River*, *Anna*, *Escape to New Orleans*, *Mobile Must Fall* and *Pensacola Burning*. Collectively, these novels are known as the deMeilla Chronicles.

# LES HONORS ENGINEERS



## 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, PE, 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.*

### WILLIAM B. DANIEL IV, PE

William grew up in south Texas, the oldest son of two LSU graduates (1952). He is an LSU graduate himself, receiving a Bachelor of Science in Petroleum Engineering Degree in 1978. He later received his Master's of Business Administration Degree from the University of Tulsa in 1985. After moving back to Baton Rouge from Tulsa, OK in 1990, William earned his Master's Degree in Petroleum Engineering in 1994 and his Master's Degree in Environmental Studies in 1996 from LSU. He is a registered professional engineer with the State of Louisiana.

William ran for State Representative in 1995 and won against eight candidates. He was elected to two additional terms and served in the House from 1996 to 2007. William served as Vice Chair of the Transportation Committee and served on the Environment, Natural Resources, Retirement, Ways and Means, and Joint Capital Outlay Committees.

Early in his career, William was an engineer in the oil and gas industry in Louisiana and later in Oklahoma. In 1985, he organized D-PEX Operating Company in Tulsa and served as President and CEO. He was CEO of the environmental company C-K Associates, LLC in Baton Rouge from 1999-2003 and then became the Program Manager for Gulf Coast Testing, LLC in 2003. William went to work for Mayor-President Melvin "Kip" Holden in 2010 and became the Director of Public Works. In 2012, Mayor-President Holden appointed him the Chief Administrative Officer for the City-Parish.

Chosen as a Fleming Fellow in 1998, he participated in the Leadership Institute workshops of the Washington-based Center for Policy Alternatives. He is a 1997 graduate of Leadership Louisiana sponsored by the Council for a Better Louisiana (CABL) and a 1999 graduate of the Baton Rouge Chamber's Leadership Baton Rouge.

William has five children: Robyn (24 years) at LSU, William V (23 years) at LSU, Alex (22 years) at LSU, Sean (19 years) at LSU and Rayne (16 years) a Junior at University Laboratory School



## 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, PE, 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.*

### SHERRI HAMMOND LEBAS, PE

Sherri H. LeBas has served as Secretary of the Louisiana Department of Transportation and Development since her appointment in February 2010 by Governor Bobby Jindal. Secretary LeBas has over 30 years of transportation policy and technical experience in State government and is responsible for the administration of an annual budget of more than \$1.7 billion and more than 4,000 employees across the state. During her tenure as Secretary and Deputy Secretary, Louisiana has invested more than \$7 billion in transportation infrastructure which includes more than \$2 billion in state surplus, federal recovery, and emergency relief funds.

Her experience includes nearly six years as Secretary of the Louisiana Department of Transportation and Development. In addition, at the Department, she has served as the Deputy Secretary, Change Management Team facilitator, Project Manager and Team leader in the Road Design Section. She also spent six years at the Division of Administration managing non-state entity capital outlay projects.

Secretary LeBas earned a Bachelor of Science degree in Civil Engineering from Louisiana State University, graduating in 1985, and has held a professional engineer's license in Civil and Environmental Engineering since 1990. She is a member of the American Association of State Highway and Transportation Officials (AASHTO), Past President of the Southeastern Association of State Highway and Transportation Officials (SASHTO), chair of AASHTO Subcommittee on Safety Management, chair of AASHTO Standing Committee on Water Transportation, member of the American Society of Civil Engineers, Chi Epsilon, and honorary member of the Louisiana Engineering Society (LES).

Earlier in her career, she twice received the DOTD Secretary's Award of Excellence. She was inducted into the LSU Department of Civil and Environmental Engineering (CEE) Hall of Distinction in 2011 and received the LES Award for Engineer in Management in 2014.

Secretary LeBas is a member of Zeta Tau Alpha, a sustaining member of the Junior League of Baton Rouge, a member of the Catholic High Mother's Club and a parishioner of St. Aloysius Catholic Church. She is engaged to be married to William Firnberg, Sr. and has three sons and a daughter-in-law, Andrew and Melissa, Patrick and Michael.



## 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, who has provided outstanding service to 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, PE, a distinguished member of the Society since 1936, until his death in 2005.*

### CHRISTOPHER P. KNOTTS, PE

Mr. Christopher P. Knotts, PE earned bachelor degrees in Engineering Technology and Civil Engineering from Louisiana State University and a master's degree in Civil Engineering from the University of Texas @ Arlington. He maintains active memberships in Chi Epsilon and Tau Beta Pi. Chris has over 30 years of experience, having worked in private consulting and manufacturing prior to joining the State in 1997. Mr. Knotts previously held leadership positions at the Department of Natural Resources in Coastal Restoration and Technology Assessment/Energy. He is currently the Chief of Public Works & Water Resources at the Department of Transportation & Development. Chris serves on the Louisiana Water Resources Commission, Red River Compact Commission, Sabine River Compact Commission Engineering Committee, Comite River Diversion Canal Project Task Force and the Louisiana Water Resources Research Institute Advisory Board.

Mr. Knotts is a Member of the Louisiana Engineering Society and served as the Baton Rouge Chapter President in 2013-14. Chris currently serves as a Director on the LES State Board of Directors. In that position, he has taken an interest in developing the Affiliate Member Program. In October, 2015, Mr. Knotts was selected to serve on the NSPE Policy Development Subcommittee.

Mr. Knotts was elected as a Fellow of the American Society of Civil Engineers in 2010. That same year, the American Academy of Water Resources Engineers awarded him the title of Diplomat. He served as ASCE's Baton Rouge Branch President in 1999-00 and the Louisiana Section President in 2009-10. Chris was selected as the Louisiana Section's Outstanding Civil Engineer in 2012.

In 2013, Mr. Knotts was appointed by Governor Jindal to the Louisiana Professional Engineering and Land Surveying Board. Chris currently serves on six committees at LAPELS, chairing Liaison & Law and co-chairing PE and EI Applications. In August, 2015, Mr. Knotts was elected as the National Council of Examiners for Engineers and Surveyors' Southern Zone Secretary-Treasurer. The NCEES Southern Zone is comprised of 18 licensing boards in 13 states, Puerto Rico, U.S. Virgin Islands and the District of Columbia.



## DUDLEY HIXSON – BOBBY PRICE NATIONAL PROFESSIONAL ACHIEVEMENT AWARD

*The Louisiana Engineering Society "National Professional Achievement" Award is named in honor of Thomas Dudley Hixson, PE, PLS (NSPE President 1993-1994), and Dr. Bobby Price, PE, Ph.D. (NSPE President 2004-2005), two distinguished members of the society who served as presidents of LES and the National Society of Professional Engineers (NSPE). The purpose of this Award is not only to recognize the recipient's accomplishments and service to the engineering profession, but to encourage and inspire others to volunteer to service the Society and the Profession at the Chapter, State, Regional and National levels.*

### SUSAN H. RICHARD, PE

Susan Richard received her Bachelor of Science in Civil Engineering from the University of Louisiana at Lafayette (formerly University of Southwestern Louisiana) in 1987. She is a licensed Professional Civil and Environmental Engineer in. Ms. Richard has been with the consulting engineering firm of Domingue, Szabo & Associates, Inc. since 1992.

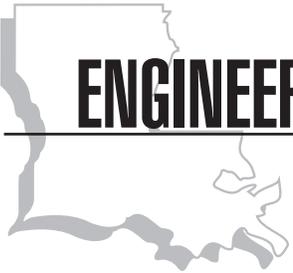
Ms. Richard has been an active member of the Louisiana Engineering Society since 1991 serving in various capacities including as LES President in 2010-2011. She was the first female president of the society in its 112 year history. She has remained active in LES on several LES state committees. She was elected as NSPE Representative in 2013 and has served in this capacity until the present. She was President of the ULL Engineering Alumni Chapter and holds memberships in the National Society of Professional Engineers, the American Society of Civil Engineers and the Water Environment Federation.

Susan received the LES President's Award in 2010. She also received the F. Hugh Coughlin Award of Merit for Young Engineers from LES in 1996.

In the National Society of Professional Engineers, Susan has served as Louisiana's NSPE Representative from 2013 to the present. She was named a Fellow member of NSPE in 2015. Susan served as the PEPP representative for Louisiana and attended several NSPE national meetings in this capacity.

Susan is currently serving as an At Large Director for the Louisiana Engineering Foundation, the non-profit organization that promotes activities to support and strengthen the profession of engineering. She is a graduate of the prestigious Leadership Lafayette program.

Susan is married to Chris Richard, also a civil engineer and past LES president, and they have three children, Brooke, Sarah, and Andrea. Sarah is engineer intern.



# 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 two deserving recipients; **E.R. DesOrmeaux, PE**, University of Louisiana at Lafayette and **Beth C. Hegab, PE**, Louisiana Tech University.



**E.R. DesOrmeaux, PE, F.ASCE**

Ray DesOrmeaux is an Assistant Professor in the Civil Engineering Department, also assisting faculty and students in the School of Architecture and Design. His teaching responsibilities include Construction Engineering and Management courses, the Senior Civil Engineering Capstone Design Course, and structural engineering courses

for architects. He is a registered engineer in Louisiana since 1964. He has been a member of LES and NSPE since 1964, and received the 1973 LES Award of Merit. He was the LES Lafayette Chapter President in 1973-74. He is an active member in ASCE, a past Louisiana Section President, and recently completed a 5-year term as a Governor of Region 5, comprised of Louisiana, Mississippi, Alabama, and Florida.

Currently, he is member of the ASCE National Committee on Professional Conduct. In 2010, he received the Louisiana Outstanding Civil Engineer Award, and in 2012 was named to the LA ASCE Wall of Fame. In 1977, he was awarded the Outstanding Alumni Award for the University. He served a two year term as UL Alumni President. Since his graduation in 1963, he worked for seven years in a consulting firm, three years as the Chief Operating Officer of a fabrication firm, and in 1972 began a career in commercial and industrial construction. His professional memberships include NSPE, ASCE, and ACI. Additionally, he is the Faculty Advisor for the UL ASCE Student Chapter, and the UL Chi Epsilon Civil Engineering Honor Society.

Throughout his career, he has been an active Lafayette community member, serving at various times as President of the Acadiana Arts Council, Lafayette Toastmaster's Club, and a Trustee of St. Pius X Church, a Board Member of the Greater Lafayette Chamber of Commerce, University of Louisiana Foundation, Boys & Girls Club of Acadiana, and the Lafayette Economic Development Authority. From 1985 - 1992 he served as a Special Consultant to the Mayor and City Council of Lafayette. His work has also included an active involvement in the development of a residential subdivision, a town-home development, a golf course and residential community, and numerous commercial office buildings. In past years, he was selected to give the Commencement Address to the UL College of Engineering on several occasions.



**Beth C. Hegab, PE, DBA**

Dr. Hegab was born in Landstuhl, Germany, and raised in Miami, Florida. She earned a Bachelor of Industrial Engineering in 1990 and a Master of Science in Industrial Engineering in 1991 from the Georgia Institute of Technology. She earned a Master of Business Administration in 2004 and a Doctor of Business Administration in 2009

from Louisiana Tech University. She became a registered professional engineer in Louisiana in 1997.

Beth is a Lecturer and Program Coordinator for Louisiana Tech University in the College of Engineering and Science. She has been a member of the industrial engineering faculty for 12 years, teaching at both the undergraduate and graduate levels. For the last 6 years, Beth has been the program coordinator for the Engineering and Technology Management program. She has been instrumental in making this degree available online and increasing the size of the program by 450%. She has also been instrumental in developing Six Sigma Green Belt and Six Sigma Black Belt certification programs that are offered at the undergraduate and graduate levels. Beth has been awarded the College of Engineering and Science Outstanding Teaching award and Outstanding Service award. Beth also serves as the advisor for the Alpha Pi Mu honor society.

Before working in academia, Beth worked as a software consultant for Electronic Data Systems. She also worked as an engineering coop for Northern Telecom Electronics.

Beth has served as the Math Counts coach for A.E. Phillips Laboratory School for 8 years. In 2015, the A.E. Phillips team won second place in the Louisiana competition and one of the team members competed at the national competition.

Beth has been married to Hisham Hegab for 23 years. They have three children, Rachel 18, Nathan 16, and Sarah 14. They are foster parents and are currently taking care of a one-year-old girl. They are active members of Trinity United Methodist Church where Beth serves on committees at the children's, youth, and adult levels. The Hegab family lives in Ruston.

# 2016 VINCENT FORTE GRADUATE SCHOOL FELLOWSHIP

The Vincent A. Forte Graduate School Fellowship, a \$2000 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. The recipient of this year's award is Ashley Picou Mikolajczyk of the University of Louisiana (UL) at Lafayette.



**Ashley Mikolajczyk** is a graduate from ULL in May 2013 in chemical engineering with a GPA of 3.782. During her undergraduate, she was involved in many leadership positions: Cataloguer and President of the engineering honor society, Tau Beta Pi, Event Coordinator of the student chapter of Louisiana Engineering Society, Ambassador for the student chapter of the American Institute of Chemical Engineers, active member of the chemical engineering honor society, Omega Chi Epsilon, and Director of the Engineering Ambassadors Program. (Ambassadors are chosen to represent the College of Engineering with pride. They inform students, parents, teachers, and the general public about the impact of the fields of engineering at UL on society). She also was part of Designing Leaders program, a volunteer based experience to provide students an opportunity to develop stronger leadership skills (students are selected based on academic achievements and involvements in the community).

Ashley was provided the opportunity to conduct undergraduate research, specifically in the production of lipids from *Lipomyces starkeyi* from sweet potato starch. Lipids could be used to produce biofuels. This initiated her interest in graduate school. After graduation, she started graduate school immediately in the summer of 2013. Her first project was a service project, partnered with the Louisiana Department of Wild Life and Fisheries and a local alligator farm. The objective of the project was to create an alligator feed to increase the reproductive performance of captive alligators. She was also one of the lead investigators of Vertech City, an international student competition held in Victoriaville, Quebec, Canada. In her own words, "Our project was titled "Waste to Watts: Positioning Urban-Based Wastes as Valuable Feedstocks to Fuel and Specialty Chemicals." We placed third out of 42 teams."

She is actively involved in the Association of Future Alumni, which is a volunteer, outreach program for current students and alumni. Her research as a graduate student consists of physically recovering oil and grease (lipids) from wastewaters – domestic and industrial, for use as biofuel production or as raw materials for other chemical products. And during graduate school, she maintained a 3.926 GPA and was recently appointed as an instructor.

## Mapping the world inside and out

- > Subsurface Utility Engineering
- > Surveying and Mapping
- > Utility Coordination / Relocation Inspection
- > Geophysical Investigation

Contact:  
Andrew Sylvest  
225 752 8322  
andrew.sylvest@cardno.com  
suesurvey@cardno.com subsurfaceutilityengineering.com



www.cardno.com

# 13TH ANNUAL MULTI-STATE ENGINEERING CONFERENCE

## Hilton Pensacola Beach, Pensacola, FL

### JUNE 5-7, 2016

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Badge Name: \_\_\_\_\_

Spouse/Guest, if attending: \_\_\_\_\_

**Registration Fee Includes: admittance to seminars, all Continental Breakfasts, Sunday Lunch N 'Learn, Exhibitor Meet N 'Greet, Family Beach Party and LES General Membership Luncheon**

	Number Attending	Amt.	Late Fee After 5/06	Total
NSPE/State Society Member Registration	_____	\$250	\$300	_____
Non-Member Registration: <i>Fees include one year membership to LES</i>	_____	\$365	\$410	_____
Student Member Registration: <i>Must show I.D. at check-in</i>	_____	\$35	\$60	_____
Monday Family Beach Party: <i>must provide number attending</i>	_____	N/C		_____
Monday Golf Tournament	_____	\$100	\$125	_____
Tuesday LES Installation Luncheon <i>Florida Fresh Mahi _____ Chicken Napoleon _____</i>	_____	\$40	\$50	_____
<b>Total Payment Enclosed</b>				<b>\$ _____</b>

PLEASE CHECK: VISA \_\_\_\_\_ MasterCard \_\_\_\_\_ Discover \_\_\_\_\_ **(WE DO NOT ACCEPT AMERICAN EXPRESS)**

CARD NO.: \_\_\_\_\_ EXP. DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

Make Checks payable to "Louisiana Engineering Society" and mail to 9643 Brookline Avenue, Suite 116, Baton Rouge, LA 70809. Email with credit card information to [les@les-state.org](mailto:les@les-state.org) or fax to (225) 924-2049.

**For further information contact: LES (225) 924-2021 or visit our website [www.les-state.org](http://www.les-state.org).**

**Registration fees must accompany this form. No refunds after May 6, 2016.**

# 13TH ANNUAL MULTI-STATE ENGINEERING CONFERENCE

Hilton Pensacola Beach, Pensacola, FL  
JUNE 5-7, 2016

## EXHIBITOR BOOTH REGISTRATION FORM

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

Exhibit Representative \_\_\_\_\_ Badge Name \_\_\_\_\_  
 Exhibit Representative \_\_\_\_\_ Badge Name \_\_\_\_\_

\*\*\*\*\*

**Registration Fee includes: admittance to seminars, all Continental Breakfasts, Sunday Lunch N'Learn, Exhibitor Meet N' Greet and Family Beach Party**

	Number Attending	Amount	Late fee After 5/6	Total
<b>Exhibit Space Rental Fee \$650 per 8x10 foot space.</b> (Booths consisting of ID Sign, Skirted 6 foot table, 2 chairs, and trash can)	_____	\$650	\$700	_____
Monday LES General Membership Luncheon	_____	\$20	\$30	_____
Monday Golf Tournament	_____	\$100	\$125	_____
Monday Family Beach Party: <i>must provide number attending</i>	_____	N/C		
Tuesday LES Installation Luncheon	_____	\$40	\$50	_____
Florida Fresh Mahi _____ Chicken Napoleon _____				
<b>TOTAL FEES</b>			<b>\$</b>	_____

Please select your choice of booths from the layout on the back of this form: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_

**Exhibitors are asked to bring a door prize!! During each break an Exhibitor will be given the opportunity to showcase their company & give away your door prize**

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: \_\_\_\_\_



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

by Robert Miller  
The Building Code Institute, LLC

AIA Approved Seminar ID:  
DWCCBI2015

Approved Florida  
Provider

**March 14, 2016**  
**8:00am – 4:30pm**  
Courtyard by Marriott  
Bossier City, LA

**March 16, 2016**  
**8:00am – 4:30pm**  
Courtyard by Marriott  
Alexandria, LA

**March 18, 2016**  
**8:00am – 4:30pm**  
The Marriott Hotel  
Baton Rouge, LA

**March 21, 2016**  
**8:00am – 4:30pm**  
Courtyard by Marriott  
Covington, LA

## Life Safety Code Issues in Industrial Related Occupancies

Content:

- Louisiana State Fire Marshal requirements for plan review submittal
- Code requirements for jobsite buildings
- Life Safety requirements for buildings based on:
  - NFPA 101 and the International Building Code Compared to OSHA and the ADA

With focus on **understanding** Code Requirements for:

- Industrial Buildings
- Storage Buildings
- Business use Buildings at job sites
- Relocatable sleeping quarters
- Life safety within process facilities

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

**March 14, 2016 in Bossier City, LA**

**March 18, 2016 in Baton Rouge, LA**

**March 16, 2016 in Alexandria, LA**

**March 21, 2016 in Covington, LA**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

PhoneNumber: \_\_\_\_\_ FaxNumber: \_\_\_\_\_

Email: \_\_\_\_\_

**REGISTRATION:**  **Society Member \$210**  **Non Member \$260**  **Visa**  **M/C**  **Discover**  
(Lunch is included in registration cost.) (We do not accept American Express)

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature: \_\_\_\_\_

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](mailto:les@les-state.org)

For more information please visit our website: [www.les-state.org](http://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 29, 2016**

**Seating is limited to 30 participants at all seminars, so register now!!**

Call Courtyard by Marriott in Bossier City (100 Boardwalk Blvd, Bossier City, LA 71111) at 318-742-8300 for room reservations

Call Courtyard by Marriott in Alexandria (3830 Alexandria Mall Drive, Alexandria, LA 71301) at 318-445-2415 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 Courtyard Marriott in Covington (101 Northpark Blvd, Covington, LA 70433) at 985-871-0244 for room reservations



# THE SPEC SHEET

**Tony Arikol, PE, President**

American Council of Engineering Companies of Louisiana



**Tony Arikol, PE**

## Engineering Profession “Selfie”

I am honored to be the 2015-2016 President of ACEC/L and would like to thank the staff, board and membership for their confidence in me and their continued efforts to improve the organization. While our organization is principally focused on improving the business of engineering, we all recognize, appreciate and support positive change throughout the profession that better serves our communities.

The beginning of the year is traditionally when many people take personal assessment, reflect on accomplishments, make resolutions and set personal goals. I thought it might be interesting to take an engineering “selfie” to give ourselves an honest assessment of where we are as a profession on multiple fronts. Similar to the ASCE infrastructure report, I think we should give ourselves grades on these topics, (we all know engineers like numbers) and calculate our GPA. The list is not intended to be all encompassing) but rather a focus on simply some which I think deserve some analysis.

## The Profession’s Public Image

If you Google the engineering profession, you’ll see that engineers are generally in the top five of respected professions, with doctors usually leading the pack. This indicates that the public has a good perception of engineers – the “brand” is good. That’s mainly a result of two factors:

- Educational Requirements – Most engineering disciplines have well-defined curricular requirements (such as ABET accreditation) at colleges and universities and standardized licensing exam requirements as well as PDH requirements. Most people understand that to be an engineer, one must be well trained and undergo rigorous requirements.
- Ethical Requirements – Most state licensing boards have ethics training, and many technical engineering societies have professional ethics as part of their codes of conduct. Also, many universities have incorporated ethics classes into the engineering curriculum.

I think most people believe engineers are a technically qualified, ethically sound group and hence have a generally positive perception. Grade A-.

## Recruiting into the Engineering Profession

Are we, as a society, producing enough high-quality engineers to meet society’s demand? As someone who hires engineers, my knee-jerk reaction is, “not just no, but heck no!” However, much research indicates the number of engineering graduates has steadily increased to the point that the number of graduates generally meets the demand. Perhaps this can be attributed to the STEM initiatives throughout the country, competitive salaries or other factors. This is very specific by discipline and region, but it’s a good trend. Unfortunately, it is painfully evident that we are less diverse than the communities we serve; we need more women and minorities in our profession. In all, I think we deserve a C+ here.

## Representative Professional Society

On the national level many professional organizations effectively represent the majority of their membership. Approximately 83,000 members belong to AIA (American Institute of Architects) out of an estimated total of 105,847 total; the AMA (American Medical Association) accepts membership for all licensed physicians and has a membership of approximately 228,000; attorneys are represented by the ABA (American Bar Association), which has a membership for all persons who have passed the bar regardless of practice specialty. To my knowledge engineers do not have such a “global”. It could be argued, however that the NSPE (National Society of Professional Engineers) is that group. Unfortunately, many engineers are not required to be licensed and cannot join the NSPE. Membership is approximately 35,000 out of an estimated 1,500,000 engineers. A strong case can

be made that the AIA, AMA, and ABA, simply by strength in numbers, better represent their professions than any engineering society. This is not to say many groups such as ACEC (American Council of Engineering Companies) or ASCE (American Society of Civil Engineers) do not effectively represent their membership; they do, and many have very effective lobbying groups. What is clear is that if our profession had a single principal society (like the AMA), lobbying efforts could be more effective. Grade D+.

## Political Public Service

There are very few engineers in political (as in elected) public service positions on the local, state and federal levels. There are some natural impediments at play, such as if an engineer is part of a private firm this would preclude the firm from doing business with that entity. Many other factors affect someone’s ability to serve – desire, personal and financial circumstances, political skill, etc. However, the argument can be made that these are no more specific to engineers than other professions that are well represented in public service.

As a glaring example, look at the 114th Congress, broken down by profession:

- Public Service/Politics – 331
- Business – 273
- Law – 202
- Education – 105

If we break down the “business” category, we’ll find only eight of those members of Congress are engineers. Contrast that to the 18 bankers, 19 insurance agents/executives or 29 farmers/ranchers. In fact, there are more journalists (nine) serving in Congress than there are engineers.

Even though the state of our infrastructure affects everyone, very few engineers are in Congress to weigh in on the topic. In a glaring example of the lack of engineers’ political influence, Congress has only recently passed a multiyear transportation bill after allowing highway funding to limp along for multiple years through a series of temporary extensions. Engineers understand that typical large-scale transportation projects take years to plan, design and build, and short-term funding scenarios cause delays and drive up costs. There are many other examples; permitting/regulatory requirements and professional liability issues to name a few. Due to the gross underrepresentation our grade here is a D-.

Our professional GPA calculates to a solid C+. There is plenty of room for improvement. Some 30,000-foot level observations are as follows:

Public Image (A-) – We cannot “rest on our laurels,” but obviously we are on the right path and should continue our diligence.

Recruiting (C+) – We can take heart that supply and demand are close, but we have a long way to go for appropriate demographic (women and minorities) percentages. It is improving but not at a satisfactory rate.

Representative Society (D+) – There is not one at present and not much movement in that direction.

Political Public Service (D-) – This aspect of our profession has the most room for improvements.

This assessment was not intended to be a depressing reflection but rather a “call to action” for all engineers to improve our profession where we can. I encourage you to look at your own “selfie” and see where you can help.

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