Louisiana Engineer & Surveyor Journal

INSIDE THIS ISSUE:

Message from the Chairman

LAPELS

Page 3

LES

Join LES Today \$95

Page 11

ACEC/L

Message from the Past Presidents Council Chairman

Page 21

Chairman of the **LAPELS Board**



Christopher P. Knotts, P.E.



Louisiana Engineering Society

9643 Brookline Avenue, Suite 116, Baton Rouge, LA 70809-1488

Phone: (225) 924-2021 Fax: (225) 924-2049

E-mail: les@les-state.org

Website: http://www.les-state.org



American Council of Engineering Companies of Louisiana

9643 Brookline Avenue, Suite 112, Baton Rouge, LA 70809-1488

Phone: (225) 927-7704 Fax: (225) 927-7779

E-mail: acecl@acecl.org



Louisiana Professional Engineering and Land Surveying Board

9643 Brookline Avenue, Suite 121, Baton Rouge, LA 70809-1488

Phone: (225) 925-6291 Fax: (225) 925-6292

Website: www.lapels.com



LOUISIANA ENGINEER AND SURVEYOR JOURNAL

AUGUST 2018 Vol. 21 No. 3

The Louisiana Engineer & Surveyor Journal

(ISSN: 15275965, USPS 588-360) 9643 Brookline, Suite 116 Baton Rouge, LA 70809-1488

This is the official publication of the Louisiana Engineering Society, the Louisiana Professional Engineering and Land Surveying Board, and the American Council of Engineering Companies of Louisiana.

This magazine is published quarterly. "PERIODICALS POSTAGE PAID at Baton Rouge, LA."

POSTMASTER-Please send address changes to: The Louisiana Engineer & Surveyor Journal 9643 Brookline Ave., Suite 116, Baton Rouge, LA 70809-1488 Telephone: (225) 924-2021, Fax: (225) 924-2049

LES ADVERTISING RATES

| SIZE | COST PER ISSUE | COST PER YEAR |
|----------------------|-------------------|------------------|
| Full Page Inside | \$1,200 | \$3,840 |
| Full Page Back Cover | \$1,500 | \$4,800 |
| 1/2 Page | \$700 | \$2,240 |
| 1/4 Page | \$420 | \$1,344 |

- 1) Prices quoted apply to camera-ready copy. A onetime 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

Christopher P. Knotts, P.E.

The LAPELS administrative year is moving very quickly. The Board met in January, April and June of 2018 and we will meet in September and November. This marks the second year that the Board will meet 5 times instead of 6 times. The continued advances in technology, adoption of national standards and efficient committee work have reduced the need to meet as frequently as in the past.

Act 357 of the 2018 Regular Session authorizes LAPELS and the Louisiana State Board for Architectural Examiners (LSBAE) access to plans submitted to the State Fire Marshal's Office. In the past both boards had access to these plans, but a recent interpretation of statute stopped the access and required this legislation. Both boards supported this legislation in order for us to better serve our missions of safeguarding the public.

Upon becoming a LAPELS member, you are almost immediately made aware of how LAPELS fits into the National Council of Examiners for Engineering and Surveying (NCEES) and our relationship with the licensing boards of the other states. LAPELS is one of 70 licensing boards that comprise NCEES. NCEES, through votes of its member boards establishes standards or rules for education, licensure, continuing professional development and many other issues related to professional licensure. The standards are meant to ease the challenges of comity between jurisdictions, but as you can imagine, state boards are all different. Each respective board decides if they will, or in some cases are legally authorized to implement those standards in their jurisdiction. For example, the CPD requirements seem to have reached a somewhat common ground with most boards requiring 12 to 15 hours per year for an engineering license. However, California does not have any CPD requirements. For education, most states have adopted the requirements for Model Law Engineer. These requirements include: a four year ABET/EAC engineering degree; passing the FE and PE exams; four years of qualified engineering experience; and no disciplinary action in any jurisdiction. However, there are still a few states that allow variances from the Model Law requirements. Those variances create comity roadblocks for some applicants. While each state is its own sovereign entity, if one wishes to obtain additional licenses through comity you should be aware of the requirements in the states you desire licensure. To some, NCEES and its 70 member boards may seem to be an inefficient model, but reducing the barriers for comity licensure between states is a complex issue.

The NCEES model allows the states to see the value of standards and how each jurisdiction can benefit. For example, when decoupling was first introduced in 2013, many states did not support the concept, but five years later it has become almost



Christopher P. Knotts, P.E. Chairman

unanimously accepted. If you wish to learn more about NCEES and its mission, please visit WWW.NCEES.ORG.

For engineering licensure, LAPELS requires a four year ABET/ EAC degree or a related science or engineering technology degree of four years or more and an engineering graduate degree (with leveling coursework) from a university that has the undergraduate degree in the same discipline accredited by ABET/EAC. However, the term "related science" has never been specifically defined and Boards over the years interpreted the term differently. Therefore, so that the universities may properly counsel prospective graduate students and those same students can understand what is needed for licensure, LAPELS established a matrix which lists the related science degrees that could be coupled with which engineering graduate degrees. For example, if someone earned a B.S. in Biology, they could pursue a M.S. in Environmental Engineering and be eligible for licensure if they also remove the educational deficiencies of their non-engineering undergraduate degree.

The Board is attempting to be more efficient with our investigative and disciplinary process. Last year it initiated a Standing Complaint Review Committee (SCRC) to address cases that were less complex and similar in nature. The theory was if we can get three board members in the room for a day they can review many more cases than the individual CRCs that were developed for each case. Thus far, the SCRC has worked so well we recently initiated a second SCRC. All of this is aimed at bringing matters to a conclusion in a timelier manner.

In closing, the 2018-19 Board remains diligent in our mission to safeguard life, health, and property and promote the public welfare. We cannot do this alone. If you see something that you feel violates our laws or rules, please contact the LAPELS office. As licensees, we all have a responsibility to protect the public

Board Members

Christopher P. Knotts, PE

Paul N. Hale, PhD., PE Vice Chairman

Alan D. Krouse, PE

Thomas R. Carroll, III, PE, PLS Secretary D. Scott Phillips, PE, PLS Charles G. Coyle, III, PLS Jeffrey A. Pike, PE Chris K. Richard, PE Chad C. Vosburg, PE Edgar P. Benoit, PE Wilfred J. Fontenot, PLS

www.lapels.com

Board Staff

Donna D. Sentell Executive Director

Richard Savoie, PE Deputy Executive Director Acting Director of Enforcement

> William Hyatt Board Investigator

Chris Aaron Board Investigator

Enforcement Journal

Richard Savoie, P.E., Deputy Executive Director

UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING OR LAND SURVEYING:

Michael G. Schmidt, an unlicensed individual. was subject to enforcement action by the Board for practicing and/or offering to practice engineering without proper licensure in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1). On or about May 10, 2013 Mr. Schmidt sealed (with his Louisiana registered architect seal), signed and issued to his client a set of plans for the construction of a multi-purpose recreation building in Louisiana, which the Board contends included engineering plans or drawings. Mr. Schmidt has entered into a Consent Order with the Board, wherein he did not admit to the referenced violations of the above laws/rules, however in order to avoid continued proceedings he agreed to pay a fine of \$1,000; to pay administrative costs of \$500; to immediately cease and desist practicing and/or offering to practice engineering in Louisiana until such time as he is duly licensed by the Board, except as allowed by the Louisiana Board of Architectural Examiners rules, chapter 13, §1307; 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.

Kevin M. Bell, an unlicensed individual, was subject to enforcement action by the Board for practicing and/or offering to practice engineering without proper licensure in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1). On or about August 1, 2014 Mr. Bell prepared, signed and issued to his client a foundation inspection report relating to property located in Louisiana. The foundation inspection report contained opinions and observations which required engineering judgment and analysis, as well as the application of engineering principles and the interpretation of engineering data. Mr. Bell has entered into a

Consent Order with the Board, wherein he denied that his conduct constituted violations of the above laws/rules. however for



Richard Savoie, P.E.
Deputy Executive Director

the purpose of avoiding further action by the Board and bringing this matter to an amicable close he agreed to pay a fine of \$1,000; to pay administrative costs of \$896.55; to immediately cease and desist practicing and/or offering to practice engineering in Louisiana until such time as he is duly licensed 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.

SRF Group Consulting, LLC, an unlicensed firm, was subject to enforcement action by the Board for practicing and/or offering to practice engineering without proper licensure in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1) and La. R.S. 37:700(C). Michael G. Schmidt (an unlicensed individual) was an employee, owner and representative of the firm, On or about May 10, 2013 Mr. Schmidt (on behalf of and in the name of the firm) sealed (with his Louisiana registered architect seal), signed and issued to their client a set of plans for the construction of a multi-purpose recreation building in Louisiana, which the Board contends included engineering plans or drawings. The firm has entered into a Consent Order with the Board, wherein it did not admit to the referenced violations of the above laws/rules. however in order to avoid continued proceedings it agreed to pay a fine of \$1,500; to pay administrative costs of \$500; to immediately cease and desist practicing and/or offering to practice engineering in Louisiana until such time as it is duly licensed by the Board, except as allowed by the Louisiana Board of Architectural Examiners rules, chapter 13, §1307; 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.

National Foundation Repair, Inc., an unlicensed firm, was subject to enforcement action by the Board for practicing and/or offering to practice engineering without proper licensure in violation of La. R.S. 37:681, La. R.S. 37:700(A)(1) and (9), La. R.S. 37:700(C) and LAC Title 46:LXI§2301(B). Kevin M. Bell (an unlicensed individual) was an employee, a director and the President of the firm. On or about August 1, 2014 Mr. Bell (on behalf of and in the name of the firm) prepared, signed and issued to their client a foundation inspection report relating to property located in Louisiana. The foundation inspection report contained opinions and observations which required engineering judgment and analysis, as well as the application of engineering principles and the interpretation of engineering data. The firm has entered into a Consent Order with the Board, wherein it denied that its conduct constituted violations of the above laws/rules, however for the purpose of avoiding further action by the Board and bringing this matter to an amicable close it agreed to pay a fine of \$1,500; to pay administrative costs of \$896.55; to immediately cease and desist practicing and/or offering to practice engineering in Louisiana until such time it is duly licensed 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.

MSP Engineering Group, PLLC, an unlicensed firm, was subject to enforcement action by the Board for 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 without proper licensure in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1), (7) and (9), to wit LAC Title 46:LXI§2301(B). In or about January 2016 the firm admittedly offered to provide engineering services in Louisiana and provided engineering services for a project in Louisiana, including preparing and issuing to the client

structural engineering documents in connection with said project. 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 \$3,500; to pay administrative costs of \$593.35; to immediately cease and desist practicing and/or offering to practice engineering and using the words "engineer", "engineering" or any modification or derivative thereof in its name or in describing its business, activities or services in Louisiana until such time as it is duly licensed 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:

Sage Environmental Consulting, L.P., a professional engineering firm (EF-3141), was subject to disciplinary action by the Board for (a) fraud, deceit, material misrepresentation or gross misconduct in the practice of engineering in violation of La. R.S. 37:698(A)(2); (b) failing to designate supervising professionals who are employed with the firm, and having supervising professionals who fail to notify the Board of any change in the firm's supervising professionals and to ensure that all professional services provided by the firm are performed by or under the responsible charge of a licensee, in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2305; (c) having a representative 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 without proper licensure in violation of La. R.S. 37:698(C), to wit La. R.S. 37:698(A)(6), La. R.S. 37:681 and La. R.S. 37:700(A)(1) and (7); (d) having a representative presenting or attempting to use as one's own the license, certificate, seal, or stamp of another person in violation of La. R.S. 37:698(C), to wit La. R.S. 37:698(A)(6) and La. R.S. 37:700(A)(2); (e) having a representative falsely impersonating any licensee of a like or different name in violation of La. R.S. 37:698(C), to wit La. R.S. 37:698(A)(6) and La. R.S. 37:700(A) (4); **(f)** having a representative using or attempting to use a seal or stamp which is deceptively similar to the seals or stamps authorized by the Board for use by its licensees in violation of La. R.S. 37:698(C), to wit La. R.S. 37:698(A)(6) and La. R.S. 37:700(A)(6); and **(g)** having a representative falsely claiming that a person is licensed by the Board in violation of La. R.S. 37:698(C), to wit La. R.S. 37:698(A)(6) and La. R.S. 37:700(A)(8).

John M. Joyce (an unlicensed individual) was an employee of the firm. Ashokkumar T. Patel, P.E. was an employee of the firm from at least January 2013 to November 2015 and was the only supervising professional of the firm from January 2013 to May 2016. Mr. Joyce obtained a fraudulent Louisiana professional engineer seal in his name with a license number that already belonged to another licensee of the Board (who was deceased). Moreover, Mr. Joyce's name was very similar to a different licensee of the Board (who was also deceased), and in emails to the Board in May 2016 Mr. Joyce referred to himself by such deceased licensee's name.

Between February 2013 and May 2016 Mr. Joyce (on behalf of and in the name of the firm) (a) offered to provide engineering services in Louisiana and provided engineering services on 16 projects in Louisiana and (b) prepared, affixed the fraudulent seal to, signed and issued to or on behalf of the firm's clients engineering documents in connection with seven of said projects in Louisiana, including a solid waste permit application submitted to the Louisiana Department of Environmental Quality in April 2016.

After Mr. Patel's employment with the firm ended in November 2015, the firm (a) failed to provide notification to the Board of such fact, (b) failed to designate another supervising professional until July 2016 and (c) continued to practice and/or offer to practice engineering in Louisiana between November 2015 and July 2016.

Mr. Joyce did not have an engineering degree, nor did he have any type of doctorate or master's degree. Nevertheless, in a letter to the Louisiana Department of Environmental Quality in May 2016 in connection with the above mentioned solid waste permit application, the firm (a) falsely referred to Mr. Joyce as "Dr. John Joyce" and "Dr.

Joyce" and (b) falsely stated that Mr. Joyce had a "Professional Engineer (PE) license in the State of Louisiana", that the renewal documents for this "PE license" "were not filed as required" and that this "PE license" was "subsequently suspended therefore".

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 \$11,250; to pay administrative costs of \$1,597.64; to provide written notification to each client for whom Mr. Joyce provided engineering services in Louisiana between February 2013 and May 2016 that (a) he has never been licensed to practice and/or offer to practice engineering in Louisiana (or in any other state), (b) he obtained and used a fraudulent Louisiana professional engineer seal and (c) he did not have an engineering degree, nor any type of doctorate or master's degree, and then submit to the Board appropriate documentation of the accomplishment of this task; to immediately cease and desist the use or publication of any studies, reports, materials, presentations, work or documents prepared or issued by Mr. Joyce: to immediately cease and desist the use of Mr. Joyce's name in connection with any studies, reports, materials, presentations, work or documents; 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.

Ashokkumar T. Patel, P.E., a professional engineer (PE-24043), was subject to disciplinary action by the Board for **(a)** being a supervising professional of a firm and failing to be employed with the firm, to notify the Board of any change in the firm's supervising professionals and to ensure that all professional services provided by the firm are performed by or under the responsible charge of a licensee, in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2305(A)(3) (a), and **(b)** 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).

John M. Joyce (an unlicensed individual) was an employee of Sage Environmental Consulting, L.P. (a professional engineering firm). Mr. Patel was an employee of the firm from at least January 2013 to November 2015 and was the only supervising professional of the firm from January 2013 to May 2016. Mr. Joyce obtained a fraudulent Louisiana professional engineer seal in his name with a license number that already belonged to another licensee of the Board (who was deceased). Moreover, Mr. Joyce's name was very similar to a different licensee of the Board (who was also deceased), and in emails to the Board in May 2016 Mr. Joyce referred to himself by such deceased licensee's name.

Between February 2013 and May 2016 Mr. Joyce (on behalf of and in the name of the firm) (a) offered to provide engineering services in Louisiana and provided engineering services on 16 projects in Louisiana and (b) prepared, affixed the fraudulent seal to, signed and issued to or on behalf of the firm's clients engineering documents in connection with seven of said projects in Louisiana, including a solid waste permit application submitted to the Louisiana Department of Environmental Quality in April 2016. During the same time period, Mr. Patel was the firm's client services manager in connection with three of said projects and a project technical in connection with one of said projects.

Mr. Patel failed to timely notify the Board of the ending of his employment with the firm in November 2015. Mr. Patel did not provide such notification to the Board until May 2016, and the firm continued to practice and/or offer to practice engineering in Louisiana between November 2015 and May 2016.

Mr. Patel has entered into a Consent Order with the Board, wherein he admitted to inadvertently and unintentionally committing the referenced violations of the above laws/rules and agreed to pay a fine of \$1,500; to pay administrative costs of \$1,000; to successfully complete the Board's online Louisiana Laws and Rules Quiz and 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.

Gerald T. Wynne, a professional engineer with an expired license (PE-32184), was subject to disciplinary action by the Board for (a) practicing and/or offering to practice of engineering with an expired license in violation of La. R.S. 37:698(A)(9) & (16) and **(b)** 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). Mr. Wynne's license has been in an expired status since April 1, 2014. Mr. Wynne was an owner, employee and representative of MSP Engineering Group, PLLC (an unlicensed firm). In or about January 2016 the firm admittedly offered to provide engineering services in Louisiana and provided engineering services for a project in Louisiana, including Mr. Wynne (on behalf of and in the name of the firm) preparing, sealing, signing and issuing to the client structural engineering documents in connection with said project. Mr. Wynne 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 \$5,000; to pay administrative costs of \$593.35; to pay past unpaid renewal fees of \$240; to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz; to immediately cease and desist practicing and/or offering to practice engineering in Louisiana until such time as his expired Louisiana professional engineer license is renewed by the Board; to ensure that the firm immediately ceases and desists practicing and/ or offering to practice engineering and using the words "engineer", "engineering" or any modifications or derivatives thereof in its name or in describing its business, activities or services in Louisiana until such time as it is duly licensed 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.

2018 Board Meeting Dates

Monday, September 10 Monday, November 5

NEWLY CERTIFIED & LICENSED • APRIL 1 - JUNE 30, 2018

Creamer, Tyler Louis, PE

Crisostomo, Jose Mallabo, PE Crotts, Adam Christopher, PE

LAND SURVEYOR INTERNS

Jewell, Lucas Duane, LSI Melancon, Ryan Andrew, LSI Summerlin, Tyler Kyle, LSI

PROFESSIONAL SURVEYOR

Goppelt, Philip Alan, PLS Holland, Richard Austin, PLS Nafe, Robert Shane, PLS

SURVEYING FIRMS

PERC Engineering LLC, VF Point to Point Land Surveyors, Inc., VF Randall L. Hilton, P.L.S., LLC, VF Ridge Surveying & Consulting, PLLC, VF Terrahawk, Inc., VF

ENGINEER INTERNS Adams, Samantha Jessica, El Agnew, Maxwell Edward, El

Allen, Parker Saint Lawrence, El Ange, Christopher George, El Authement, Arielle Desiree, El Bachot, Thomas Allan, El Badawi, Talal Kamal, El Bankston, Kelsie Layne, El Biondini, Joseph Alexander, El Blohowiak, Jared Charles, El Bordelon, Steven Taylor, El Brasher, Ryan James, El Brewer, Matthew Homer, El Brignac, Christopher Michael, El Broussard, Richard Warren, El Burns, Drewe Vince Patrick, El Byrd, Sean Michael, El Callaway, Josh Baker, El Cambus, Andrew Michael, El Cavalier, Jeremy Phillip Stuart, El Centanni, Franco Marcello, El Centola, Deborah Frances, El Chatelain, Daniel Joseph, El Choate, Joni Gabrielle, El Comeaux, Spencer Thomas, El Como, Benjamin Brady, El Cook, Tyler Edward, El Daigle, Austin Patrick, El Dalaeli, Mozhdeh, El Danielson, Christian Stuart, El Dantin, Marshall Edward, El Dedebant, Sean Travis, El Dietrich, Grant Joseph, El Donart, Carlin Laurene, El Duhon, Ethan Nicholas, El Falgout, Nicholas John, El Farhadi, Nafiseh, El Fitzmorris, Claire Kathleen, El Freeman, Glyn D., El Gardner, Greer Edward, El Garner, Ashton Jeanette, El Gascon, Daniel Scott, El Gauthreaux, Marissa Ruthcel, El Gettys, Tyler Joseph, El Gisiner, Cory Joseph, El Glennon, Connor Joseph, El Glueck, Sawyer Christian, El Goodnow, Zachary Spafford, El Graham, Mark Thomas, El Haney, Luke S., El Haque, Md Nafiul, El Hebert, Ryan Jude, El Heidingsfelder, Kyle Eric, El Hendrickson, Carl Edward, El Henry, Alexander David, El Hillery, Kevin Andrew, El Hinchliffe, Holton Hunter, El Hocke, Royce Alexander, El Holmes, Ronald Ramon, El Jackson, John Michael, El Jensen, Melanie Nicole, El Johnson, Sadie Alexis, El Kay, Adam Geoffrey Judson, El Keen, Stetson Wade, El Kenney, Mark Beaulieu, El Kharel, Shaswot, El Killmer, Leighton John, El Krosp, William Reed, El Labiche, Jeremy Marc, El Lampson Loren Ann El LaValla, Jason Christopher, El

Lewis, Robert Sheffield, El Lewis, Timothy Edward, El Louque, Matthew Tyler, El Loving, Christian Andrew, El Lua, Kee H., El Madden, Brandon Cale, El Maitre, Mason J., El Mann, Michael Tyler, El McClung, Christian Patrick, El Menard, Austin Michael, El Menard, Grace Elizabeth, El Miller, Jade Houston, El Morales, Tomas Killeen, El Ngoufack, Marsien Joyce Tsopmo, El Nguyen, Tommy Thanh, El Odums, Brad Anthony Michael, El Palmer, Maxwell J., El Parker, Destiny Michelle, El Parker, Jesse Don, El Patty, Brandon Scott, El Peytavin, Lauren Michelle, El Pham, Kim, El Picou, Garrett Emile, El Pisciotta, Zachary Alexander, El Populus, Aaron Matthew, El Powers, James Lawson, El Priest, Madeline Elizabeth, El Rayer, John Mason, El Rehage, Remy John, El Richard, Gregory James, El Rollins, Jeremy Adam, El Roques, Paul Frank, El Rouillier, Hunter Shelby, El Sanchez, Blaine Scott, El Sencial, Jordan T., El Sherwood, Jonathan William, El Shortess, Alexander Vince, El Slaughter, Nathan Patrick, El Smith, Lanny Michael, El Sprader, James Gerald, El Tedesco, Richard Anthony, El Thomas, Matthew Connor, El Thompson, Graham Preis, El Vandiver, Lauren Michelle, El Williams, Andrew Jules, El Williams, James Michael, El Williams, Kameron Lee, El Winkeljohn, Kathryn Claire, El

PROFESSIONAL ENGINEERS

Abdul-Majeed, Abdulai, PE Adams, Brenden Andrew, PE Adams, James Adrian, PE Alvergue, Luis Donaldo, PE Anderson, Aaron A., PE Anderson, Gregory G., PE Arias, Gabriel Sebastian, PE Arnett, Austin Ryan, PE Arnold, Samuel Marc, PE Arthur, Paul Christopher, PE Astoria, Todd Michael, PE Babazadeh, Maiid, PE Ballog, Matthew Paul, PE Barr, Timothy Dwight, PE Bartonico, Ian K., PE Baxi, Asit N., PE Bazan-Arias, Norma Catherine, PE Bean, Robert Chase, PE Beben, David Michael, PE Bedre, Joshua A., PE Behrens, Jason Ray, PE Berry, David Alan, PE Bethi, Aneesh, PE Bhartiya, Himanshu Kishore, PE Bhatia, Dalip Kumar, PE Birch, Devin Len, PE Boiteau, Jacques Robert, PE Boley, Dennis Glynn, PE Bollman, Jerry Alexander, PE Bouse, Scott Daniel, PE Bumgarner, Phillip Wayne, PE Butler, Daniel Thomas, PE Calderone, Frank Tom, PE Carey, Timothy Patrick, PE Carrio, Marlon Thomas, PE Christopher, Joseph T., PE Clark, Daniel J., PE Coakley, Vincent, PE Comeaux, Brandon Paul, PE

Cruikshank, John Michael, PE Cuevas, Roberto, PE Daly, Matthew Gerard, PE Dardnne, James Michael, PE Dean, Angela Kaye, PE Dent, David Lee, PE Dettelbach, Jeffrey Alan, PE Dezarn, Kevin Troy, PE Do, Chi Tran, PE Drain, Rachel Lynn, PE Dunlevy, Ryan Christopher, PE Duran, Mitch Jody, PE Dykes, Tyler Lowry, PE Eastway, Nathan Alan, PE Embry, Dale Lee, PE Espenlaub, Charles Frederick, PE Espinoza, Albert Rene, PE Estevens, Ryan William, PE Evans, Jack Edward, PE Evans, Richard K., PE Fakler, Curt John, PE Farrington, Eric James, PE Filostrat, John Edgar Dimitri, PE Fiske, Steven M., PE Fontenot, Aaron Taylor, PE Ganji, Kenneth Klames, PE Gaston, Jeremy Shane, PE Gauntt, Matthew Allen, PE Gentry, Donald Adam, PE George, Adam D., PE Gerlach, R. Michael Carl, PE Gerlick, Brad John, PE Gonzalez, Fernando Daniel, PE Groff, Brian D., PE Guillen, Juan Carlos, PE Guinot, Guy Paul, PE Hales, Jason Curtis, PE Haley, Vonceil P., PE Halso, Matthew Christopher, PE Hammond, Charles Patrick, PE Harding, Wesley Dean, PE Harrington, Christopher David, PE Helms, Daniel Brooks, PE Hensley, Sherie, PE Herdegen, Ryan James, PE Hewitt, Christopher Michael, PE Hinchey, William B., PE Hoffman, Andrew Stephen, PE Holtzclaw, James M., PE Horos, David Raymond, PE Hossain, Tanvir, PE Howell, Rebecca Davezac, PE Ireland, John Edwin, PE Isaacs, Gregory James, PE Jackson, Peter Sterling, PE Jacobson, Micah Matthew, PE Jalinsky, Michael Jess, PE Johnson, Keri, PE Jones. Brennan Douglass. PE Karnis, Steven Mathew, PE Kazanis, Lucas Eric, PE Keller, John Peter, PE Kells, John Lee, PE Kerr, Patrick Corbitt, PE Khan, Rakesh Anthony, PE Kiumu, Joseph Muva, PE Klopp, Benjamin Allen, PE Knight, Joseph Addison, PE Koester, Nathan, PE Krasner, Joseph Daniel, PE Kumler, Paul Van Nuis, PE Lach, David A., PE LaGrange, Keith Joseph, PE Lam, Chan T., PE Larson, Terence Richard, PE LeBoeuf, William Christopher, PE Legate, Graham Wesley, PE LeMay, Matthew Clayton, PE Liechti, Jonathan Wayne, PE Lilya, Dustin Ernest, PE Marek, Dennis David, PE Mason, Christopher Ellis, PE Mata, David Andrew, PE Maull, Thomas M., PE Mbah, Asi Jacob, PE McEwen, Sarah Smith, PE

McGowan, Paul Drummond, PE McIlwee, Sean Timothy, PE McLaughlin, Stephen David, PE Meador, Matthew John, PE Metzger, Craig Eugene, PE Miller, Gregory Alan, PE Millward, Anthony Adam, PE Mitchell, Lee Jay, PE Moehlenkamp, York Michael, PE Moore, Kaswana Dionnca, PE Morgan, William Michael, PE Morley, James Edward, PE Moss, Travis Scott, PE Mullis, Andrew Michael, PE Nguyen, Paul Hoang, PE Nielson, Jeffrey P., PE Nixon, Peter Emery, PE O'Brien, Patrick Stephens, PE Older, Justin M., PE Owens, Gregory S., PE Parkes, Wayanda, PE Patel, Nileshkumar Atmaram, PE Pearson, Daniel Thomas, PE Pendry, Tyler Ross, PE Pepper, William Arnold, PE Petray, Thomas Richard, PE Petru, Racz, PE Pflugh, John Eric, PE Pirtle, Mel Jason, PE Pittman, James Scott, PE Presnell, Nathan Patrick, PE Prigge, Michael, PE Przeclawski, Keith M., PE Ramazzini Mazariegos, Tevye Fernando, PE Respeto, Sean Louis, PE Reynolds, George Scott, PE Richards, Jason Halbert, PE Richardson, Michael Craig, PE Rivers, Brian Matthew, Pt Rodgers, George W., PE Romance, Ryan Christopher, PE Rome, Christopher Michael, PE Rongey, Morgan Alise, PE Ross, Joseph Anthony, PE Rowland, Michael Gilbert, PE Salazar Rosario, Julio Cesar, PE Sam, Desmond Mpilo, PE Sancio, Rodolfo Bernardo, PE Sandepudi, Krishna Srinivasa, PE Sanders, Michael Wayne, PE Sanderson, Parker Richard, PE Sandlin, Christopher Ray, PE Sansing, Joshua Lance, PE Scheffer, David Martin, PE Schipman, Danel Ewoldt, PE Schroeder, Michael Henry, PE Shaddix, Joshua David, PE Shah, Deep Maheshkumar, PE Shedlauskas, James Paul, PE Skorut, Patrick Mark, PE Smith, Robert Elbridge, PE Smith, Toby Shane, PE Srivastava, Anand, PE Steiner, Casey John, PE Strickland, Matthew A., PE Sullivan, Matthew Paul, PE Takashima, Kiyonori, PE Tarfaoui, Ahmed Ben Amor, PE Tatum, Joshua D., PE Terrell, Michael Patrick, PE Thalakanti, Kartheek, PE Thomason, Timothy Michael, PE Thorne-Thomsen, John Edwards, PE Thornton, Donald Irving, PE Titlow, Ross Emerson, PE Toliao, Raul De Vera, PE Tootle, Jeffrey Scott, PE Triay, Melvin Louis, PE Troxclair, Landon Joseph, PE Tsai, Shang-Jyh, PE Turley, Andrea Marie, PE Van Dam, Thomas John, PE Vanhoozier, Kevin Ross, PE VanMaele, Kevin Michael, PE Verburg, John Lamburtus, PE Vuong, Ted T., PE Wagner, Brian Anthony, PE

McGaw, Shawn Kevin, PE

Wandschneider, Gregory Kenneth, PE Watts, Christopher William, PE Weant, Jeremy Blair, PE Weaver, Raymond Edward, PE Wiegel, Jeffrey Joseph, PE Wilbert, Evan R., PE Williams, Chad Thomas, PE Womack, Benjamin Paul, PE Wong, Derek Raymond, PE Wooten, Matthew Thomas, PE Yonkers, John George, PE Zinn, Michael Vernon, PE Zotzky, Brian Keith, PE

ENGINEERING FIRMS

5400 Engineering, LLC, EF American Engineering, LLC, EF AP Engineering & Consulting, Inc., EF Apex Consulting and Engineering, LLC, EF Architectural Engineers Collaborative, LLC, EF Bayou Flood Certs, LLC, EF Blast Deflectors, Inc., EF Borden Works LLC, EF Currier & Company Inc., EF DELTA Ivl Forensic Engineering, Inc., EF Electrical System Consulting, LLC, EF Enginuity Global LLC, EF Entech Engineering, Inc. of Pennsylvania, EF Environmental Science Associates, A California Corporation, EF Fleming and Associates, P.A., EF Ford Engineering Services, PLLC, EF

Gabe's Construction Co., Inc., EF Garbin GeoStructural Group, LLC, EF General Electric International, Inc., EF H4 Architects and Engineers, LLC, EF Henry von Oesen & Associates, Inc., EF Hitachi Architects & Engineers Co. Itd., FF

Infrastructure Consulting & Engineering, PLLC FF Integrated Engineers and Contractors

Corporation, EF Iteris, Inc., FF

JDB Engineering, Inc., EF King Engineering Associates, Inc., EF Knighten Engineering LLC, EF KTM Solutions, Inc., EF Landmark Engineering Group, Inc., EF Landmark Structures I. L.P., EF Lummus Engineered Products LLC, EF Materials and Engineered Machines

Company, LLC, EF MC Consultants, Inc. of California, EF MEGI Engineering Inc., EF Morley and Associates Inc. FF Myriad Engineering Solutions, LLC, EF Nederveld, Inc., EF NEHIL - SIVAK, P.C. - Corporation, EF OVIVO USA, LLC, EF Paul C. Demopulos Group LLC, EF Pencore Engineering & Consultants,

LLC. EF Pfeil Design, LLC, EF

Prairie River Engineering and Inspection LLC, EF Premier Geotech and Testing, LLC, EF

R&M Engineering Consultants, LLC, EF

Rooney Engineering, Inc., EF Sabatini Engineering LLC, EF Schwan Consulting SE, L.L.C., EF Segars Engineering Corporation, EF Southland Environmental, LLC, EF Tilson Technology Management, Inc., EF Trileaf Corporation, EF Utility Mapping Services, Inc., EF V&S Engineering LLP, EF

Vertical Structures, Inc. of Kentucky, EF

Wajda, Robert Christopher, PE



Presidential Privilege

Joshua D. Hays, P.E.

I would like to begin by saying that it is an honor to serve the Louisiana Engineering Society (LES) as President for the 2018-2019 term. Thanks to the membership that has entrusted me to lead our organization. I must also thank my partners at our firm for introducing me to LES early on in my career and encouraging me to become part of the organization at the Chapter level. Also, many thanks to Past-President Byron Racca, P.E., members of the 2017-2018 LES Board, LES staff, committee members, and countless volunteers for serving the Society, providing great leadership and bringing priceless experience to an effort of continued success of the Society.

As you are reading this, you may be surprised to learn that receiving the Louisiana Engineer & Surveyor Journal does not mean that you are a member of LES. This publication is provided to approximately 15,000 engineers that are Louisiana registrants while our current LES membership is approximately 1,500 members. This gives LES ample room for membership growth that you can be a part of over the next year.

With the leadership of our membership committee, we are embarking on a new membership drive campaign. Many of you have received LES postcards with general information about various benefits of being a member of LES. I invite you to follow the link displayed on the post card to learn more about the Society and its numerous benefits. Not only should you join the Society, but I encourage you to get involved as well on a Chapter or State level. Many exciting opportunities are available to you within LES that will allow you to enhance the engineering profession and advocate professional licensure. See the postcard on page 11.

This membership drive could not have come at a more beneficial time for LES. As many of you are aware, the National Society of Professional Engineers (NSPE) changed their membership business model allowing two types of state affiliations, integrated and non-integrated. Recently our LES Board of Direction voted to move forward with the non-integrated model allowing



Joshua D. Hays, P.E. Louisiana Engineering Society President

potential & existing LES members to choose membership in LES only, LES & NSPE, or NSPE only. Potential & existing LES members are no longer required to join both LES & NSPE. The LES only membership option is available at a cost of \$95 annually.

I, along with others on the LES Board, am committed to continuing discussions with NSPE concerning membership model issues in order to find a solution that works for both LES and NSPE while maintaining service to our members. I am sure this will be a hot topic at the upcoming NSPE conference in Las Vegas, Nevada which I and others from the LES Board will be attending.

Another upcoming event that I hope you will join the Board of Direction in attending includes the 2019 Joint Engineering Societies Conference in Lafayette, LA on January 23-24, 2019. There are many continuing education opportunities available at this conference, and it is well attended if you are interested in networking with many engineers from around the state.

I am fortunate to be involved in an organization that is the flag bearer for licensure and professional practice of engineering in Louisiana and to be associated with the Board of Direction leading it. Over the course of my term, I encourage you to contact me at jhays@lazenbyengr.com with comments, questions, or suggestions that will enrich our Society and enhance our experience within it. I look forward to a successful and exciting year.



Society News

Brenda Gajan, LES Executive Director

CONNECT WITH LES ONLINE!



Follow Us on Twitter! @laengsoc



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



WELCOME NEW MEMBERS

Alexandria Chapter

Jeremy Rollins, E.I. Under 30

Baton Rouge Chapter Gainey's Concrete Products, Corporation Sustaining Dustin Jarrell, E.I. Associate Ahmed Najim, E.I. Associate Christopher Ricord, E.I. Associate Ryan White, E.I. Under 30 Mark Kenney, E.I. Under 30 Grant Dietrich, E.I. Under 30 Joni Choate, E.I. Under 30 Hunter Rouillier, E.I. Under 30 Adam Branch, E.I. Under 30 Kevin Hillery, E.I. Under 30 Austin Lacombe, E.I. Under 30 Mason Cuevas, E.I. Under 30 Seth Ward, E.I. Under 30 Fernando Gonzalez, P.E. Donald Bridges, P.E. Jeffrey Wiegel, P.E Shaikay Hussein, P.E Corey Cheeks, P.E. Matthew Herndon, P.E.

Levi Yantis, P.E

Kazi Sadid, P.E.

Justin Brown, P.E

Kenneth Hilse, P.E

Nicholas Izzo, P.E.

Lauren Blaik, P.E

Katelyn Johnson, P.E

Bayou Chapter Austin Hebert, E.I. Under 30

Lafayette Chapter

Michael Mann, E.I. Associate Louis Courville, E.I. Associate Andrew Bull, E.I. Under 30 Benjamin Como, E.I. Under 30 Ethan Duhon, E.I. Under 30 Ryan Hebert, E.I. Under 30 Marissa Gauthreaux, E.I. Under 30 Joshua Moreau, E.I. Under 30 Stephen Borel, E.I. Under 30 Steven Bordelon, E.I. Under 30 Leighton Killmer, E.I. Under 30 Austin Menard, E.I. Under 30 Morgan P'Pool, Individual Sustaining Scott Boutte, P.E Desmond Sam, P.E Bryan Holmgren, Student

Lake Charles Chapter

Gregory Richard, E.I. Under 30 Sadie Johnson, E.I. Under 30 Rvan Oiu, E.I. Under 30 Emile Picou, E.I. Under 30 Sean Byrd, E.I. Under 30 Joseph Biondini, E.I. Under 30 Christpoher Ange, E.I. Under 30 Drewe Burns, E.I. Under 30 Leigh Fontenot, P.E. Joseph Knight, P.E Marius Lemne. P.E. Ryan Romance, P.E Jacob Blackmer, Student John Ange, Student William Hennigan, Student

Monroe Chapter

Colton Moore, E.I. Under 30 Jeremy Cavalier, E.I. Under 30

New Orleans Chapter

Remont Engineering & Design Group, LLC, Corporation Sustaining Alexander Henry, E.I. Associate Jeremy Cavalier, E.I. Associate Deborah Centola, E.I. Associate Paul Roques, E.I. Associate Maxwell Palmer, E.I. Associate James Sprader, E.I. Associate Jesse Parker, E.I. Associate Christian McClung, E.I. Associate Andrew Cambus E.I. Associate Sean Dedebant, E.I. Associate Jason LaValla, E.I. Under 30 Mason Maitre, E.I. Under 30 Christian Danielson, E.I. Under 30 Madeline Priest, E.I. Under 30 Michael Hagstette, E.I. Under 30 Rama Hbos, E.I. Under 30 An Nguyen, E.I. Under 30 Ryan Brasher, E.I. Under 30 Kathryn Winkeljohn, E.I. Under 30 William Krosp, E.I. Under 30 Tyler Gettys, E.I. Under 30 Claire Fitzmorris, E.I. Under 30 Connor Glennon, E.I. Under 30 Parker Allen, E.I. Under 30 Kyle Heidingsfelder, E.I. Under 30 Franco Centanni, E.I. Under 30 Brad Anthony Odums, E.I. Under 30 Lauren Peytavin, E.I. Under 30 Thomas Bachot, E.I. Under 30

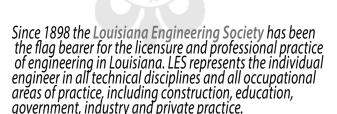
Jared Blohowiak, E.I Under 30 Spencer Comeaux, E.I. Under 30 Andrew Giglio, E.I. Under 30 Carl Hendrickson, E.I. Under 30 Arielle Authement, E.I. Under 30 Loren Lampson, E.I. Under 30 John Rayer, E.I. Under 30 Christopher Brignac, E.I. Under 30 Zachary Pisciotta, E.I. Under 30 Royce Hocke, E.I. Under 30 Jordan Sencial, E.I. Under 30 Melanie Jensen, E.I. Under 30 Richard Broussard, E.I. Under 30 Warren Huggins, P.E Juan Guillen, P.E. Gabriel Arias, P.E Marlon Carrio, P.E Alexander Smith, P.E. Tom Nguyen, P.E Oleksii Novikov, P.E Lucas Cazanis, P.E Anthony Shoupe, P.E. Keith LaGrange, P.E John Keller, P.E David Scheffer, P.E. John Hebert, P.E. Scott Laiche, P.E Vincent Tonagel, P.E. Tevye Mazariegos, P.E. Gregory Mattson, P.E. Arthur Malbroue, P.E. Guy Guinot, P.E Brandon Comeaux, P.E Brian Wybrecht, P.E Louise Smith, P.E Andrew Williams, P.E. Landon Troxclair, P.E Matthew Halso, P.E. Mason Babin, Student Trevor Paitz, Student Dan Casalanovo, Student Diego Rodriguez, Student Quentin Boose, Student

Shreveport Chapter

Brian Carlisle, E.I. Associate Graham Thompson, E.I. Associate Zahira Tieso Tosado, P.E. Shane Harklerode, Student



PROTECT YOUR LICENSE WITH LES



SIGN UP HERE https://conta.cc/2unNy2d

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.

CALENDAR OF EVENTS

August 2018

1 Honors & Awards nominations begin

September 2018

- 4 Alexandria Chapter Meeting West Side Library
- 10 Life Safety Code Seminar Lake Charles, LA
- 12 Shreveport Chapter Meeting Petroleum Club
- 12 Life Safety Code Seminar Lafayette, LA
- 13 Monroe Chapter Meeting TBD
- 14 Life Safety Code Seminar Baton Rouge, LA
- 15 LEF Vincent Forte Fellowship & Faculty Awards
 Begin
- 19 Lafayette Chapter Meeting TBD

21 LES Board Meeting - Monroe, LA

- 24 Life Safety Code Seminar Bossier City, LA
- 26 Life Safety Code Seminar Kenner, LA

October 2018

- 2 Alexandria Chapter Meeting TBD
- 10 Project Management Seminar Baton Rouge, LA
- 10 Project Management Seminar Petroleum Club
- 11 Monroe Chapter Meeting TBD
- 15 LEF Endowed Scholarship Applications Begin
- 17 Lafayette Chapter Meeting TBD
- 31 Deadline for Vincent Forte Fellowship & Faculty Awards

Notice for potential candidates to apply for vacancies on the Southeast Louisiana Flood Protection Authority East and West Levee Boards.

The State contact person is Ms. Stephanie Aymond at Stephanie.Aymond@LA.GOV . Applicants need to complete the official application, which can be found at the following link: http://www.coastal.louisiana.gov/wp-content/uploads/2013/09/SLFPAApplication1.pdf. Applicants are needed to fill the following Board vacancies:

The Nominating Committee will be seeking applicants for this year to fill the following vacancies for their term beginning in 2019 and ending in 2023.

A. Non-Resident:

- SLFPA –East Board: One (1) Vacancy. A Non-Resident for the East Board means anyone who
 resides in the State of Louisiana or the United States; but, does not reside in either Jefferson or
 Orleans Parish in that respective portion of these Parishes that is located on the East side of the
 Mississippi River or anyone who resides in St. Bernard or Tangipahoa Parishes.
- 2. SLFPA-West Board: One (1) Vacancy. A Non-Resident for the West Board means anyone who resides in the State of Louisiana or the United States; but, does not reside in either Jefferson or Orleans Parish in that respective portion of these Parishes that is located on the West side of the Mississippi River.

A Non-Resident applicant can apply to both Board's or may choose to apply for only the East or West Board's, subject to the residency requirements.

B. Resident:

- 1. SLFPA-East Board Tangipahoa Parish Resident: One (1) Vacancy. The applicant for this vacancy must reside within the boundaries of Tangipahoa Parish.
- 2. SLFPA-West Board Orleans Parish West Resident: One (1) Vacancy. The applicant for this vacancy must reside in that portion of Orleans Parish that is located on the West side of the Mississippi River.

Alexandria Chapter By Jacob Dillehay, PE

I would like to thank the Alexandria Chapter for bestowing on me the title of Alexandria Chapter President for the coming year. I would also like to thank Mr. Bill Elliot, P.E. for his past service as Chapter President. I look forward to serving our profession in this capacity. Our newly elected officers include:

President: Jacob Dillehay, P.E.

1st Vice President: Oliver Neal, P.E.

2nd Vice President: Ron Bordelon, P.E.

Secretary/Treasurer: Ryan Barton, E.I.

Our meetings this year will be held on September 4th, October

2nd, November 6th, December 4th, January 8th, March 5th, April 2nd, and May 7th. We are looking forward to an interesting year with presentations by knowledgeable individuals. Any feedback on presentation quality and potential new topics from our members is encouraged and appreciated.

I am looking forward to the upcoming year and to seeing our members, existing and new, at our upcoming September meeting.



Jacob Dillehay, PE

Baton Rouge Chapter By Lynne Roussel, PE

As summer comes to an end (but not the heat), the Baton Rouge Chapter is ready to kick off another year. I am honored to serve as the incoming 2018-2019 President of the LES Baton Rouge Chapter. Our Board of Directors has been working on our agenda for the upcoming year and planning many exciting events.

The new Board consists of:

Kevin Beyer, P.E. - President Elect

Greg Trahan, P.E. - Vice President

Andy Shread, P.E. - Secretary/Treasurer

Kimberly McDaniel, P.E., PTOE - Director

Corey Mayeux, P.E. - Director

Carolina Herrera, P.E. - Past President

We appreciate every one of you and your companies that helped make last year a success for the Baton Rouge Chapter. Because of our Corporate Sponsorship Drive, we are able to fund our events, operations, and scholarships. Because of our Board of Directors, we are able to organize and host events for our membership which promote our profession and professional licensure. And most importantly, because of our membership, we are able to have successful events and an active society.

The Chapter has lined up some exciting events for this year which include the LSU/SU Student Function, Annual Wintz Scholarship Golf Tournament, Annual Clay Tournament, MathCounts competition, E-Week Awards and Scholarships,

Social Events, monthly lunch meetings, and our joint meetings with ASCE, APWA, and ACEC. More details about these events and others will be emailed to our membership and published on webpage (http://www.les-state.org/brchapter/). Also, don't forget to check out our Facebook page (Louisiana Engineering Society – Baton Rouge Chapter) and follow us.



Lynne Roussel, PE

Our first luncheon will be a joint meeting with ASCE on Thursday, August 16, 2018, at Juban's Restaurant. We are honored to have Congressman Garret Graves as our speaker. Registration information will be sent out to our members within the next few weeks.

We encourage all our members to attend our events and become active in the Chapter by being an advocate for the engineering profession. If you know someone who is not a member of LES, please consider spreading the word by inviting them to join you at a meeting or event. Your input is also very important to us and helps us improve our membership experience and plan future events. If you have any suggestions, please contact me at Lynne.Roussel@terracon.com. I look forward to this coming year and seeing each of you at our upcoming events!

Bayou Chapter By Benjamin J. Chiasson, PE

The Bayou Chapter newly elected officers for the 2018-2019 term are as follows:

President: Benjamin J. Chiasson, P.E.

1st Vice President: Kevin Rizzo, P.E. Sec-Treasurer: Kailey Dupre, E.I.

The Bayou Chapter is excited to have one of their own members, Melanie B. Callouet, P.E. serving as an LES State Director. Congratulations Melanie!

The Bayou Chapter held its annual LES/AIA joint golf tournament on May 4, 2018 at La Tour Golf Course. Fortunately the weather was nice and attendance was great. Thanks to all the

sponsors and those who volunteered for the event. It turned out to be a great success for both LES and AIA.

The Bayou Chapter is currently seeking volunteers to serve on several of the LES committees. If you are interested or know someone who might be interested, please contact me for more information – bchiasson@ddgpc.com.



Benjamin J. Chiasson, P. E.

We are still in the process of setting chapter meeting dates. As soon as they are finalized, we will let everyone know.

Lafayette Chapter By: Joey Krefft, PE

I hope everyone had a fun and safe summer and that the start of the new school year has gone well for those with school-aged children! The Lafayette chapter's activities will begin next month with its first monthly lunch meeting for the '18-'19 year. Tentatively, meetings are generally planned for monthly third Wednesdays (November & December are exceptions), so please see below for hopeful dates.

Thank you to Pam Granger, P.E., for her service and work as chapter president last year. As this year's past-president, she'll be joined by Jessica Cornay, P.E., as vice president, and Dr. Stephen Dufreche, E.I., as treasurer, leaving the secretary position vacant as of mid-July, so if interested in filling it, please contact me, 318-402-9602 or krefftj@bellsouth.net.

I'm hoping for a good year with improved chapter participation. The last few years have seen a decrease in monthly meeting attendance, so if you have an idea for an activity or meeting topic &/or speaker, please offer it. The officers are here to serve the chapter, so we'd like to hear from our members to better plan accordingly.

Lastly, state award nominations are being accepted through

November 9. Lafavette hasn't had many nominations the last few years, so please consider who would be deserving of statewide honors. Lafayette has the third most members, but its last winner was in 2015.

Tentative '18-'19 Chapter Meeting Dates (locations to be determined)

September - 19

October - 17

November - 14 or 28

December - TBD (likely combined w/ ASCE)

January - 16

February - 20 (E-Week)

March - 20

April - TBD (likely crawfish boil combined w/ ASCE & IEEE)

May - 15



Monroe Chapter By Clinton Patrick, PE

First, I would like to take a moment to say that I am honored to have the privilege to serve as the 2018/2019 Monroe Chapter President. I am looking forward to the upcoming year, as it presents new and exciting challenges. I also look forward to working with all the members of the Monroe Chapter as well as the state officers in promoting and protecting this great

The newly elected officers are working hard to finalize the agenda for the upcoming year while also exploring ways to provide new opportunities for members to participate in Monroe Chapter events. The newly elected officers are:

President: Clinton C. Patrick, P.E.

1st Vice President: Clint Ewing, P.E. 2nd Vice President: William Dean, P.E. Secretary/Treasurer: Hagan Lawrence, E.I.

We would like to take thank everyone that helped make the last year a success. We had a number of achievements that need to be acknowledged, including two award recipients. We had the honor of two of our members receiving distinguished awards from the Louisiana Engineering Society (LES) and the Louisiana Engineering Foundation (LEF). Joey Riggin, P.E., P.L.S., was chosen as the recipient of the F. Hugh Coughlin Young Engineer Award from LES, and Michael Swanbom, PhD, P.E. received the Engineering Faculty Professionalism Award from LEF.

Two other members were honored as well. Joshua Hayes, P.E. was elected to serve as the Louisiana Engineering Society President, and James Ellinburg, P.E. was elected as State Director.

We are happy to announce that we have fulfilled the requirements to fully fund an endowed scholarship through the Louisiana Engineering Foundation, as voted upon by the members at our monthly meeting in May. We elected to allow the Louisiana Engineering Foundation



Clinton Patrick, PE

to select a student from Louisiana Tech University to receive the scholarship based upon criteria set forth by the Chapter members.

We will continue to hold monthly meetings on the second Thursday of every month. The locations of all meetings have not been confirmed but will be distributed to members through a monthly newsletter in the upcoming months.

We have set a number of goals to reach this year: 1) Continue to increase membership by reaching out to Engineers in the area, 2) Increase attendance at our monthly meetings, 3) Explore additional options for membership participation outside of the monthly meetings, 4) Get involved and build a rapport with the newly formed Student Chapter at Louisiana Tech University.

Our first general meeting will be held on September 13 at Catfish Cabin. We are honored to have Don Conrad with Forterra as our first guest speaker of the year. We encourage all members to come and enjoy our events and become involved with the Monroe Chapter. We look forward to having you join us.

New Orleans Chapter By Nicholas M. Musmeci, PE



Nicholas M. Musmeci. PE.

I hope all of you and your families have had an enjoyable summer so far. Now that summer is coming to a close a new NOLES Chapter term will be starting soon. During this break our newly elected board has been busy preparing for this next term year. I have been asked to serve one more year as New Orleans Chapter President due to job commitments of my potential successors. In my role as the chapter president for the 2018-2019 term; my first official duty was to attend the first LES State Board meeting held in

conjunction with the Gulf States Engineering Conference (GSEC) in Destin, Florida on June 9th to June 12th. I was installed as the NOLES Chapter President officially, for my second term, at a breakout LES Installation Banquet Sunday June 10th along with the other chapter presidents, state officers and our new LES State President Josh Hays, PE. I also want to acknowledge and congratulate Alvin Roy Phelps, PE from our chapter on his election as one of the LES State Directors for this term-year. Roy has been a great help and I appreciate his commitment to serving our chapter and LES.

The 2018-2019 New Orleans Chapter Officers are as follows:

Nicholas M. Musmeci, PE - President

Raul Chauvin. PE - 1st Vice President

Kirk Farrelly, PE - 2nd Vice President

Alvin Leroy Phelps, Jr., PE – Secretary/Treasurer/State Director and Past Chapter President

Richard Van Wooten, PE - Director

Robert Mejia, PE - Past Chapter President / Director

Our detail chapter business begins with our Annual Planning Retreat in August where we discuss the activities for the new term year, such as monthly meetings venue and topics, Chapter Scholarship Awards, support of our two local engineering schools (UNO and Tulane) and raising revenue through our 11th Annual NO-LES Golf Tournament, to be held on Friday October 26th at Audubon Park, and our Chapter Sponsorship Program.

Overall this past term year we held nine monthly meeting with topics ranging from drainage and flood control, to NASA projects, to FEMA disaster planning and recovery, to industry and business outlooks, along with two ethics presentations and licensing and awards ceremonies. We are again planning for nine meetings for this next term-year with a wide range of interesting topics. Our Chapter Sponsorship Program did really well this past year by raising over \$9000.00. Likewise our 10th Annual Golf Tournament in November 2017 was a success. This term year we will be continuing our cross sponsorship between our Chapter Sponsorship Program and the 11th Annual Golf Tournament since this approach was very successful. Our goal this year is to reach \$10,000.00 in sponsorships and at least \$3000.00 net income from our golf tournament.

With the money raised from the Chapter Sponsorship Program and the 10th Annual NO-LES Golf Tournament this past year, we funded the middle school MATHCOUNTS program, FRC FIRST Bayou Robotics Competition in March, and both UNO and Tulane Engineering Forums respectively. In addition we funded four \$1000.00 chapter level scholarships which were awarded at our May meeting.

Presently the New Orleans Chapter has over 300 members. My goal is to sustain and grow our membership. It is through strong membership we can afford to support the before mentioned activities, universities and scholarships within our community. My hope is to also encourage young engineers to pursue their PE Licenses regardless of what industry or sector of business or government they may practice their disciplines in.

I have been a PE in Electrical Engineering for over 35 years and an employee of Entergy Corp. for 42 years. I am graduated from Tulane in EE in 1976 followed by a MSME at Tulane in 1981. My primary professional practice has been in the area of fossil power plant instrumentation and control systems. I am also a part-time PhD student at UNO-COE in EE.

Please feel free to contact me or any of our board members if there is anything we can do to enhance the value of your experience as an LES member. Thank you for this opportunity to serve you and our community.

Shreveport Chapter By Matthew Redmon, PE

The Shreveport Chapter of LES partnered with the local ASCE Branch to introduce children to engineering at ArtBreak 2018. ArtBreak is an annual art festival that showcases the artistic talents of local students. It also has more than 50 hands-on STEAM learning activities free to the public. ArtBreak is the perfect place to add Art to STEM in an effort to show how art and science are better together.

We provided an activity that allowed children to be creative while learning about structural stability. The guided portion of the activity was a geodesic dome constructed out of toothpicks and foam cubes. It didn't take long before the children started using their imaginations. The students built everything from windmills to Ferris wheels to abstract sculptures. The children

enjoyed the activity, and our booth stayed busy all weekend.

We were also able to spotlight Shreveport's own historic Waddell A-Truss Bridge. The bridge spans Cross Bayou and will hopefully be an ASCE Historic Landmark in the near future. Mr. Albert Dumas displayed a scale model of the bridge and discussed its past use and future possibilities. A lot of attendees were surprised to find out that this historic gem was within walking distance from the site of ArtBreak.

Overall, it was a successful event, and we look forward to participating in the future. The children were excited to see what they could build, and it gave us a chance to talk about engineering with children of all ages.



LES Membership by Luke Miller, PE

Louisiana Engineering Society (LES) is the only active engineering organization in the State of Louisiana that serves all disciplines in every area of engineering practice. LES works for the engineer in private practice, government, education, industry, and con-

struction. From the bottom sole of the Louisiana boot to the most northern part, <u>LES works for YOU!</u> LES provides continuing education opportunities across the state, works with LAPELS on rules and laws which affect the engineering profession, protects the interests of Professional Engineers and the practice of engineering at the State Capital, and on and on (more information at www.les-state.org).

As membership chairman, it is my pleasure to announce (in case you haven't heard) that the annual membership costs associated with the above-mentioned engineering support and services provided by LES <u>has been reduced to only \$95/year</u>. For current members, the price reduction has been or will be reflected with your membership renewal this year. For prospective members, now is a perfect time to join and experience all that LES has to offer.

As stated in Proverbs 27:17, "As iron sharpens iron, so one person sharpens another." Join LES today. Get involved in your local chapter. Share your ideas about what LES means to you or what you would like LES to be in the future. Together, we can all grow into the engineers Louisiana will need to solve tomorrow's problems.

Presenters and Exhibitors Needed for 2019 JESC

Join us and over 300 engineers from across the state when we meet in Lafayette for the 23rd Annual JESC. We are looking for individuals who would like to conduct a seminar on an engineering related topic of your choice during the JESC, January 23rd and 24th. Each 50 minute seminar will provide one Professional Development hour and the conference registration fee for presenters is waived.

We would also like to extend an invitation to display at the JESC. Like any conference, Exhibitors play a vital role in the success of our event as well as informing attendees of new products and services in the industry. This year we have extended our contact hours and have made room for additional booths.

Email Brenda at les@les-state.org for additional information.



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 website
- 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



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

Continuing Professional Development

LES Presents 7 Opportunities for PDH Hours

Life Safety Code Seminars 4 and 8 hour sessions by: Robert Miller

Monday, September 10, 2018 Springhill Suites Marriott Lake Charles

Wednesday, September 12, 2018 Courtyard Marriott Lafayette Airport

> Friday, September 14, 2018 Baton Rouge Marriott

Monday, September 24, 2018 Courtyard Shreveport-Bossier City/Louisiana Boardwalk

> Wednesday, September 26, 2018 Doubletree New Orleans Airport - Kenner

> Morning Session - 8:00 a.m. - 12:00 p.m. Afternoon Session - 12:30 p.m. - 4:30 p.m. All-Day Session - 8:00 a.m. - 4:30 p.m. (Lunch provided for All-Day)

Register online at: https://conta.cc/2Jmxqn4

Project Management Seminar by: Aziz Saber, P.M.P., P.E., Ph.D.

Wednesday, October 10, 2018 8:00 a.m. – 4:30 p.m. LA DOTD Transportation Training & Education Center 4099 Gourrier Ave., Baton Rouge, LA Lunch provided

Register online at: https://conta.cc/2L5VSiB

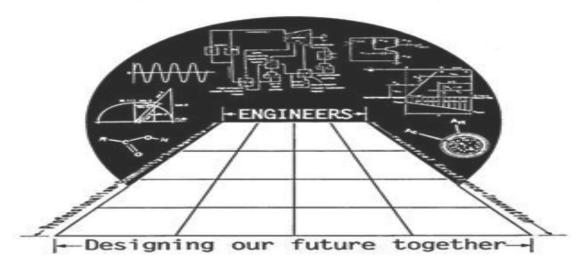
ADA/Life Safety Code Seminar by: Brett Bayard, P.E., P.L.S. and Warren Bonisch, P.E.

Monday, October 22, 2018 '8:00 a.m. – 4:30 p.m. The Courtyard Shreveport: 6001 Financial Plaza, Shreveport, LA 71129

Registration available for Morning Session only, Afternoon Session only or All-Day Session (Lunch provided for All-Day)

Register online at: https://conta.cc/2L775PU or call the LES office at 225-924-2021

SAVE THE DATE



Joint Engineering Societies Conference
January 23-24, 2019
at the Doubletree in Lafayette, LA

22nd ANNUAL GULF STATES ENGINEERING CONFERENCE

Thanks to everyone that contributed to a successful 2018 Gulf States Engineering Conference!

EXHIBITORS

Aqua Products, Inc. **BLD Services** CMI Limited Design Precast & Pipe, Inc. Gulf Coast Underground Gulf States Engineering Co, Inc. Horizon Signal Technologies **Industrial Fabrics** Mar Mac Construction Products Nanjing Deers Industrial Co Pipe Tech Inc. Quality "Plus" Services, Inc. RamJack SmartCover Systems **TAW Power Systems Technical Coating Services** Terracon Consultants, Inc. Texas Dept of Transportation TorcSill Foundations, LLC

PLATINUM SPONSORS

Lazenby & Associates Meyer & Associates Waldemar S. Nelson and Co., Inc.

EVENT SPONSORS

Design Precast & Pipe, Inc. D&W Systems Gainey's Concrete Products Pipe Tech Inc.















Louisiana Engineering Foundation by Susan H. Richard, P.E., LEF President



I appreciate the opportunity to serve as President of the Louisiana Engineering Foundation. Thanks to the generous support of some in the engineering community, in 2012 we achieved the goal of paying off the mortgage on the Louisiana Engineering and Surveying Center! We can now focus our attention on other goals of the Foundation, including providing scholarships, promoting engineering, and providing guidance to high school students interested in the field of engineering. To this end, we need your help to fully fund these endeavors. Any contribution, no matter how small, will help us achieve the goal of promoting engineering education. Tuition and fees continue to rise, as does the cost to maintain the Center. Please consider making a donation to the Foundation and the future engineers of Louisiana.

In coming months, you will receive our fund raising material; we hope everyone will consider pledging to this worthwhile endeavor

Contributions to the Foundation will help us to meet the obligations of funding scholarships; they do not need to be directed to any one scholarship. If you choose, you can direct your donation to be added to one of the existing endowed scholarships or your local Chapter's efforts to create a scholarship. You may indicate on the pledge card if and where you would like your donation to be directed. The scholarships which have been established are:

LEF - Civil Engineering James and Margaret Mohr Civil Engineering Dr. Thomas S. Leary Engineering Scholarship Waldemar Nelson Charles L. Eustis, P.E. Baton Rouge Chapter Alexandria Chapter LES Scholarship Albert "Al" J., Jerri H., David Scott Dunn Ernest P. Breaux Electrical, Inc. Lafayette Chapter Bayou Chapter Monroe Chapter New Orleans Chapter Vincent Forte Fellowship Hurricane Katrina Scholarship

Hurricane Rita Scholarship
ASCE

CSRS Scholarship for Minority Student in Civil Engineering

Albert "Al" Johnson Dunn P.E., PLS

Badeaux Engineers Civil Engineering Scholarship-ULL
Badeaux Engineers Civil Engineering Scholarship-LSU,BR
Dr. Bobby Price, PE Memorial Professional Engineering
Scholarship.

The Shaw Group, Inc.

Lazenby & Associates, Inc. Scholarship

J Madison " JM" Drake Scholarship

Linda J. Daly Memorial Scholarship

Neil & Sarah Klock Engineering Scholarship

Although some chapters' scholarships have not yet reached the endowed stage, you may state on your donation form if you want it to be added to the chapter contributions to assist your chapter in reaching the endowed stage.

We once again ask you to consider supporting our efforts. Every donation helps. We have received donations and pledges ranging from \$5 to over \$25,000. Please take a few minutes to consider supporting the Foundation.

All donations made to the Foundation are tax deductible and will result in the funding of scholarships for engineering students in Louisiana. All contributions will be recognized in a future issue of the Louisiana Engineer and Surveyor Journal. Everyone that donates a total of \$2,500 or more will be recognized by having their name engraved on a plaque located in the lobby of the Engineering Center. Donations of \$10,000 or more can be used to create an endowed scholarship at the Donor's direction.

Thank you for your consideration and support of the Engineering Profession in Louisiana. Please visit the LEF website, http://les-state.org/LEF/AboutLEFScholarships.html for a copy of the donation form or contact the LES office at 225.924.2021.

LES Engineering Education By Jeffrey A. Pike, P.E

Recently I was asked to serve on the LES Engineering Education Committee as Chairman and the LES Faculty Licensure Committee as Chairman. The assigned responsibilities of the engineering education committee are listed below. I have added a note with each one sharing my thoughts.

1. Confer and cooperate with engineering education institutions to achieve continued improvement of engineering curricula, facilities, and methods of teaching.

The first responsibility encourages continued improvement in methods of teaching engineering. I bet we all have ideas about what works well and what methods we least prefer. For example, do you learn best by hands-on project based activities or through lecture? Do you think group-work is an essential part of preparing our future engineers? Do you think the development of communication skills is critical during engineering course instruction?

2. Promote education of students in topics dealing with professionalism.

Some see value in a separate course on professionalism and ethics. Maybe it is a one, two, or three semestercredit-hour course in the curriculum. This typically leads to reduced hours in the curriculum for other essential engineering topics since the reduction of the state-wide general education requirements are not controlled by the engineering college. Some prefer a deliberate inclusion of the topics of professionalism and ethics throughout all courses in the curriculum. What do you currently do in your workplace? Do you promote a culture of professionalism and ethics in all activities throughout the year, or do you focus on these topics at certain times of the year in certain activities? It is a balancing act.

3. Promote career guidance and scholarship activities which lead to an improvement in the quality of students choosing engineering as a profession.

When does this career guidance need to begin? Certainly it starts before a college freshmen's year begins! High School freshmen, or even earlier, sounds more reasonable to me.

4. Encourage the professional interaction of engineering students and those employed in the practice of engineering.

Do you participate fully through the Career Centers of our Louisiana institutions which have engineering programs? I suggest your firms should be connected through each of the social media (e.g. LinkedIn, Twitter, Instagram, Facebook, Snapchat) that the

colleges and their students are using. It is a great way to solicit for internships and future employees. but. perhaps more importantly, you have the opportunity to invest in our next generation of engineers.

5. Provide recognition of students at all levels that have excelled in subjects related to engineering. Recognition of elementary and secondary teachers is also encouraged.

Does everyone appreciate an acknowledgement of success? Celebrate excellence, and do so in a way that encourages others to strive for excellence, rising above the common level of life.

6. Encourage engineering seniors to take the Fundamentals of Engineering (FE) examination.

Most engineering graduates begin to specialize soon after they graduate, and, therefore, agree that success on the FE exam is less difficult while the foundational topics of the engineering curriculum are fresher in their minds. Since the FE exam is an essential step along the licensure path, don't you think we owe it to the next generation of engineers to encourage them to take that step early? It seems particular important now that the PE exam can be taken earlier because our LAPELS rules allow a decoupling of experience with the PE exam.

7. Explain the legal requirements of registration to engineering students and make available literature on the subject.

This relates to the discussion on professionalism and ethics. We should be encouraging our engineering students to create an NCEES account online early in their academic career. There is no cost associated with establishing an account with NCEES, and there is a wealth of information available to these budding professional engineers. In addition to exam specifications for the various FE and PE exam discipline modules; study materials; and practice exams; they can readily learn about the importance of licensure in our profession to protect the public. They can also interact with NCEES and our LAPELS Board staff regarding certification in our state once they pass the FE exam, and ultimately obtaining a license as a professional engineer.

I am a full-time Senior Lecturer with both the Civil Engineering and Construction Engineering Technology programs at Louisiana Tech University, so I have a fairly close-up view of these issues in Ruston. However, I am soliciting your help in accomplishing these responsibilities at all our Louisiana engineering colleges. This is a team effort.

MID-BARATARIA SEDIMENT DIVERSION PROJECT: CMAR CONTRACTOR SELECTION PROCESS

Anthony J. Mumphrey, Jr., Ph.D., P.E., FACEC TMG Consulting, New Orleans

The 2014 Regular Session of the Louisiana Legislature enacted a bill allowing use of Construction Management-at-Risk (CMAR) as a project delivery method to construct public works projects. The American Council of Engineering Companies of Louisiana (ACE-CL) in conjunction with the Louisiana Associated General Contractors led the effort to draft, introduce, and pass this legislation. Both groups felt that an alternative to the existing methods was needed. In the following article, I present background on the main elements of the CMAR process, the Mid-Barataria Sediment Diversion (MBSD) project, and some personal observations resulting from my participation in the CMAR contractor selection process.

THE CMAR PROCESS

An important element of CMAR is the selection of the contractor to provide preconstruction and construction services. CMAR requires that the contractor, engaged initially only for preconstruction services, be involved early in the project design process along with the design professional (selected in accordance with state law). Near the completion of design, the contractor presents to the owner a guaranteed maximum price (GMP) for construction. If agreement on GMP, maximum number of days to complete the project, constructability, construction phasing and sequencing can be reached, the owner may award the contract for construction services to this contractor. If agreement cannot be reached, the project is readvertised and publicly bid using the design-bid-build method.

The contractor is selected through a publicly advertised request for qualifications (RFQ). The RFQ specifies the scope of work, grading and scoring methodology, submittal criteria, and total fees and compensation payable to the CMAR contractor for preconstruction services. Moreover, the law specifies that the owner set up a selection review committee (SRC) to grade and score the RFQ respondents and recommend the CMAR contractor. The SRC is comprised of not more than five people including one design professional in the appropriate discipline and one licensed contractorneither involved in the project, one representative of the owner, and two members at large.

THE MID-BARATARIA SEDIMENT DIVERSION PROJECT

The MBSD is a project to reestablish the natural deltaic sediment deposition process between the Mississippi River and the Barataria Basin. The goal of MBSD is to build land on the west bank near Ironton (Mile 61) in Plaquemines Parish. It involves a conveyance channel, drainage improvements, levee, bridge, railway and highway modifications. Estimated costs are: construction--\$1.3 billion and preconstruction services fee--\$13.8 million. The owner of this project is the state's Coastal Protection and Restoration Author-

ity (CPRA). Preconstruction services are funded by the National Fish and Wildlife Foundation and the Gulf Environmental Benefit Fund. Construction is potentially to be funded by the Deepwater Horizon Oil Spill Natural



Anthony J. Mumphrey, Jr., Ph.D., P.E., FACEC

Resource Damage Assessment settlement funds. The project is presently under design and EIS processes.

EVALUATION PROCESS

Obviously, this is a large and important project. The SRC consisted of: a civil engineer recommended by ACECL (myself), a licensed contractor, and a high official of another state agency, and two staff members of CPRA. Each SRC member signed an acknowledgement form certifying that he will avoid conflicts of interest and will keep the SRC's deliberative process confidential. CPRA staff and SRC members met for a kickoff meeting shortly before statements of qualifications (SOQs) were received by CPRA. Staff presented instructions on the evaluation process and relevant forms for evaluation and scoring SOQs. They advised that the information produced including our findings, grading, score sheets, notes and recommendations would be deemed public records. Moreover, we would be held accountable for everything that we said, wrote, and did regarding the RFQ, each SOQ, and the evaluation process.

Four joint ventures (JVs) of construction industry firms responded to the RFQ. Each response presented hundreds of pages of information on the JVs including business organization and history, key personnel qualifications, relevant project experience, approaches to preconstruction and construction phases, bonding ability, safety plan and metrics, and litigation history. SRC members individually evaluated and scored the SOQs. Staff and SRC held an interim meeting at CPRA offices to answer questions and discuss any SRC concerns. Finally, the SRC held oral presentations by the responding JVs along with a scoring tabulation meeting over two days at CPRA. The process started in February and ended in May 2018. I spent over 80 hours of my time in the CMAR selection process.

OBSERVATIONS

The SRC members were superb professionals. The process and the project were interesting. The time spent without compensation even for per diem expenses was problematic. CPRA should offer honorariums for SRC members. Liability for participation in the CMAR process is unknown. Committee members should be indemnified. Our recommended JV was selected by the owner. Otherwise, I would have been disappointed, given the time spent and work accomplished.

Raymond Reaux to lead ACECL

The American Council of Engineering Companies of Louisiana (ACECL) has elected Raymond J. Reaux of C. H. Fenstermaker & Associates in Lafayette as the group's chairman for 2018-2019.

ACECL also elected Andy Craig of Mohr & Associates in Shreveport as chairman-elect; David Dupre of Meyer Engineers, Ltd. in Metairie as vice chairman; and Andree Cortez of T. Baker Smith in Thibodaux as secretary-treasurer. Immediate past president Kurt M. Evans of Digital Engineering, Inc. in Kenner was elected as National Director. The National Director sits on the ACEC national board and serves as a state representative to the national association.



Members at large for 2018-2019 include Craig Campbell of Associated Design Group, Inc. in Lafayette; Lisa Cookmeyer of Trigon Associates, LLC in New Orleans; Michael Songy of CSRS, Inc. in Baton Rouge; Sherri LeBas of GEC in Baton Rouge; Michael Thomassie of Duplantis Design Group in Baton Rouge; Robert "Bob" Boagni of Greenman-Pedersen, Inc. in Baton Rouge; Don Arlington of S.E. Huey Co. in Monroe; and Alison Catarella-Michel of Urban Systems, Inc. in New Orleans.

Chapter presidents include Chad A. Bacas, Forte and Tablada, Baton Rouge chapter; Brett P. Bayard, Mader Engineering, Lafayette chapter; Nathan J. Junius, Linfield, Hunter & Junius, Inc., New Orleans chapter; and Micha Duffy, Coyle Engineering Co., Inc., Shreveport chapter.

The officers, members at large and chapter presidents comprise the board of governors for ACECL

ACEC LOUISIANA AFFILIATE MEMBERS

ACEC Business Insurance Trust
ACEC Life/Health Insurance Trust
Alexander & Sanders
BFM Corporation, LLC
Benefits One, LLC
Breazeale, Sachse & Wilson, LLP
Brown & Brown of Louisiana

CxA Services, LLC
Eagan Insurance Agency, LLC
Environmental Technical Sales, Inc.
Ergon Asphalt & Emulsions, Inc.
Forterra Pipe & Precast
Galloway Johnson Tompkins Burr & Smith
Hannis T. Bourgeois, LLP

Industrial Fabrics
LA Asphalt Pavement Association
Lord and Winter, LLC
Penetron USA, Inc.
Quality Sitework Materials, Inc.
Sullivan Stolier Schulze & Grubb, LLC
Wray & Pierce, LLP

SAVE THE DATE



American Council of Engineering Companies of Louisiana

INVITES YOU TO THE 2018

PROJECT OUTLOOK

NOVEMBER 15, 2018

Save the date for ACEC/L's 2018 Project Outlook that will be held Thursday,

November 15, 2018 at the Renaissance Baton Rouge Hotel.

Registration information and program details will be provided soon.

ACEC
Fall
Convention
Las Vegas
Bellagio
October
28-31

Capitol View: from Haynie and Associates

www.haynieandassociates.com

The Louisiana Legislature has finally gone home for the summer after a long string of 4 difficult sessions. Fortunately the legislature's action during the final session closed the budget shortfall and put into place a state budget for the fiscal year that began July 1st. Now that the immediate "fiscal cliff" has been resolved with a seven year extension of .45 of a penny of sales tax, attention is turning to the upcoming election cycle when all 144 legislators and statewide officials will be on the ballot October 12th of 2019.

During the 2018 regular session LES had a number of policy initiatives we faced, all which were resolved successfully for the organization. LES worked with Senator Sharon Hewitt on SB 133, which clears up current law related to how the Fire Marshall shares plans electronically with LAPELS for review when needed. The bill has passed for the session and was signed into law by Governor John Bel Edwards and is now ACT 357. LES was successful in opposing and amending LAPELS out of problematic SB 260 which would have allowed administrative law judges instead of the LAPELS board to adjudicate displinary matters. A large coalition also came together to work with stakeholders on HB 748 which is related to professional license board reviews which should not impact LES members negatively. Another problematic set of bills were HB 59 and 718 which have gone too far in restricting publically employed engineers from moving to the private sector.

On the infrastructure front, stakeholders are still working to organize efforts to increase the gas tax or find other state sources for capital outlay. The Baton Rouge area passed SB 249 allowing for a regional infrastructure taxing district which could be an alternative to statewide funding solutions.

A number of bills were monitored and passed related to the CRPA and coastal work which may be worth review for those interested: HB 116, HB 177,



(Pictured Ryan Haynie and Randy Haynie)

HB 573, SB 432, SB 439. Also here are a number of bills on bid law, contracting, architecture and capital outlay that passed that may be of interest include: HB 2 (capital outlay), HB 208, HB 255, SB 59. SB 332, SB 422

Legislation can be easily found at http://www.legis.la.gov/ on the "Bills" tab.

As always it was an honor and a privilege to represent LES during the 2018 session. Now that legislators are home and looking towards their 2019 reelections, it is a good time for LES members to reach out to thank them for their service and to build relationships for the future.

ALLEN PRECISION EQUIPMENT

The Online Marketplace for Surveyors, Engineers & Contractors



ASK US ABOUT 0% FINANCING ON OUR MOST POPULAR GEAR



1-800-241-6223



WWW.ALLENPRECISION.COM

SERVICE | SALES | SUPPORT







Engineers • Architects • Surveyors

PROFESSIONAL LIABILITY INSURANCE

Loss Prevention • Risk Management Assistance

INDUSTRIAL • PUBLIC WORKS
PETROCHEMICAL • COMMERCIAL
ENVIRONMENTAL • GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

4610 Bluebonnet Blvd., Suite A Baton Rouge, LA 70809 Phone: (225) 295-2995 Fax: (225) 368-2145 www.alexsand.com





Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, PE

7731 Office Park Boulevard Baton Rouge, Louisiana 70809 Phone: (225) 295-1200 Fax: (225) 295-1800

Water • Wastewater • Sludge • Air Equipment – Systems – Solutions



Mapping the world inside and out

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

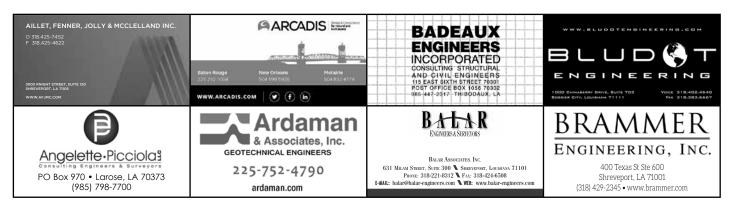
Contact: Andrew Sylvest 225 752 8322 andrew.sylvest@cardno.com suesurvey@cardno.com si

subsurfaceutilityengineering.com





LES CORPORATE SUSTAINING MEMBERS



LES CORPORATE SUSTAINING MEMBERS



BRIS Engineering, LLC

8585 Archives Ave., Suite 210 Baton Rouge, LA 70809

225-932-6000

P.E., P.L.S. DWJ D. W. Jessen & Associates, L.L.C.

Fax (337) 433-5842 dwjjr@dwjessen.com

440 Kirby Street Lake Charles, LA 70601-5289

D. Walter Jessen, Jr.

Aviation • Coastal • Engineering Economics • Energy Environmental GIS • Planning • Transportation

IFS INNOVATIVE FLOW SOLUTIONS, INC

GLENN MESMAN

BUCHART ENGINEERS - ARCHITEC

18163 East Petroleum Drive Suite A Baton Rouge, LA 70809-6104 (225) 755-2120

527 West Esplanade Ave. Suite 302 Kenner, LA 70065-2568 (504) 405-3936

Denmon Engineering Co Inc PO Box 8460 Monroe, LA 71211 (318) 388-1422

GEOENGINEERS /

11955 Lakeland Park Blvd. Ste. 100 Baton Rouge, LA 70809-4217 (225) 293-2460



J. Wayne Plaisance, Inc. Civil Engineers & Land Surveyors Galliano, Louisiana

PO Drawer 730 Galliano, LA 70354 (985) 632-5596

BKI BURK-KLEINPETER, INC.

bucharthorn.com

4176 Canal Street New Orleans, LA 70119 www.bkiusa.com

T: 504-486-5901 F: 504-488-1714 info@bkiusa.com

DIS-TRAN

Joseph W. Baker, P.E., P.Eng. joey.baker@distran.com

4725 Highway 28 E Pineville, LA 71360 318.448.0274

Direct 318.767.5641 Mobile 318.623.9373

GHD

5551 Corporate Blvd., Ste. 200 Baton Rouge, LA 70808 (225) 292-9007



1111 Hawn Avenue Shreveport, LA 71107





102 Asma Blvd, Suite 305, Lafayette, LA 70508 (337) 232-5182, Fax (337) 237-7132

GOTECH, INC. Consulting Engineers 8383 Bluebonnet Blvd.
Baton Rouge, LA 70810

RHAOUL A. GUILLAUME, P.E., F.ASCE RHAOUL@GOTECH-INC.COM • OFFICE: (225) 766-5358 CELL: (225) 413-9515 • FAX: (225) 766-5879 WWW.GOTECH-INC.COM

LA Testing & Inspection PO Box 2934 Lafayette, LA 70502 (337) 235-9411



C.I. SAVOIE, P.E.

P.O. DRAWER R
PAINCOURTVILLE, LA 70391
e-mail: cjs@cjsavoie.com PAINCOURTVILLE 985/369-2341 FAX # 985/369-7735

DUBROC ENGINEERING, INC.

151 SOUTHPARK RD-SUITE 200 PHONE 337-237-4520

LAFAYETTE, LOUISIANA 7050 FAX 337-237-4519

Building a better tomorrow...today! BATON ROUGE, LA

> GONZALES, LA 225.644.5523 SLIDELL, LA 985.639.9000

Lanier & Associates Inc 4101 Magazine St New Orleans, LA 70115 (504) 895-0368

Civil and Structural Engineers, Inc. PO Box 4825 Lafayette, LA 70502 (337) 232-3336



CIVIL ENGINEERING, ARCHITECTURE, 314 East Bayou Road, Thibodaux, LA 70301 (985) 447-0090



H. Davis Cole, P.E. Managing Member 1340 Poydras Street, Suite 1850 New Orleans, LA 70112 Tel: (504) 836-2020 Fax: (504) 836-2010

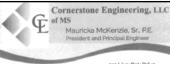
Civil & Environmental Engineering

New Orleans, LA | Baton Rouge, LA



PAUL D. FRYER, P.E., P.L.S.

2000 NORTH 7TH STREET WEST MONBOE, LA 71291 TEL 318/387-2710 EXT. 125
FAX 318/387-2718
CELL 318/237-1203
pfryer@lazenbyengr.com



www.cornerstoneenglic.com www.cornerstoneenglic.net LA PE# 42107

911 Live Oak Drive Clinton, MS 39056 601-941-9599 (o) 601-861-4929 (fax)

EUSTIS

800-966-0157 WWW.EUSTISENG.COM

Hardesty &Hanover

www.hardesty-hanover.com twitter:@hardestyhanove

Design-Build · Movable Bridges · Fixed Bridges Rail/Transit·Highways/Interchanges

3850 N. Causeway Blvd, Suite 1850, Metairie, LA 70002 T: 504.962.9212 email: la@hardesty-hanover.com

(L) LEVINGSTON FULL SERVICE ENGINEERING

Civil-Structural-Piping-Mechanical-Process Electrical-Instrumentation-Automation-Controls

FEL Engineering Project Management
Construction Execution PSM Services
FEA/Simulation Planning/Scheduling
In-Plant Staffing Services

210 Teal Road, Sulphur, Louisiana 70665 www.levingston.com

COYLE ENGINEERING =CO., INC.=

Civil Engineering • Land Surveying

P. O. Box 6177 Bossier City, LA 71171-6177 Phone: (318) 746-8987 www.coyle.pro

3925 Benton Road Bossier City, LA 71111 Fax: (318) 742-1018

Evans-Graves Engineers 9029 Jefferson Highway, Ste. 200 Baton Rouge, LA 70809 (225) 926-1620

HUVAL & ASSOCIATES, INC. **Consulting Engineers**

922 West Pont Des Mouton Road Lafayette, LA 70507 (337) 234-3798



CPL Systems Inc PO Box 60160 Lafayette, LA 70596 (337) 269-4699

FORTE & **TABLADA** Consulting Engineers/ Land Surveyors

www.ForteandTablada.com

9107 Interline Avenue Baton Rouge, LA 70809 o 225.927.9321 r 225.927.9326

ILD, Inc. 7353 Highland Road, Ste. B-378 Baton Rouge, LA 70808 (225) 769-2780

LOURIE CONSULTANTS

geotechnical and geoenvironmental engineering and consulting services

quality measured in the client's terms



29021 Contro Val. Ro Rouse, LA 70744 ainev's CONCRETE PRODUCTS GREG ROACHE

Infinity Engineering Consultants, LLC PO Box 792745 New Orleans, LA 70179 (504) 304-0548



1304 BERTRAND DR. STE. AE LAFAYETTE, LA 70506 FAX| 337 234 7774

LES CORPORATE SUSTAINING MEMBERS



noranda alumina 225-869-2283

lopment Manage 504.729.5086 office 504.723.7518 cell 504.617.6704 fax jmmattix@redgroup-llc.com

JAKE MATTIX

RED GROUP REMONT ENGINEERING & DESIGN GROUP, LLC.

www.redgroup-llc.com 5401 Jefferson Hwy – Suite J Harahan, LA 70123 mailing address P.O. Box 19071 New Orleans, LA 70179

TOLUNAY-WONG ENGINEERS

Geotechnical Engineering · Deep Foundations Testing Environmental Services · Construction Materials Testing

I.888.887.9932 | TWEINC.COM

Meyer & Associates PO Box 2149 Sulphur, LA 70664 (337) 625-8353



2750 Lake Villa Dr Ste 100 Metairie, LA 70002 (504) 885-0500

Sellers & Associates, Inc. ENGINEERS SURVEYORS

Site Development

148-B EASY STREET LAFAYETTE, LOUISIANA 70506-3095 (337) 232-0777 · FAX (337) 232-0851 www.sellersandassociates.com

100 THOMAS STREET ABBEVILLE, LOUISIANA 70510 (337) 893-2808

SJB GROUP, LLC



OLKERT



Alexandria Ph: (318) 448-0888

Ruston Ph: (318) 255-7236

THOMAS C. DAVID, JR.

Pan American Engineers, LLC

1717 Jackson Street P.O. Box 89 Alexandria, LA 71309-0089

TEL. 318.473.2100 FAX 318.473.2275 Email: tom@paealex.com Real Estate Services

www.SJBGroup.com P.O. Box 1751 Baton Rouge, LA 70821-1751 (225) 769-3400 (225) 769-3596 fax

Baton Rouge Office: 7967 Office Park Blvd. Baton Rouge, LA 70809 Office 225.218.9440 Fax 225.218.9471 batonrouge@volkert.com

Michael Baker INTERNATIONAL

We Make a Difference 2600 CitiPlace Dr., Suite 450, Baton Rouge, LA 70808 225,706.0744 | cduggar@mbakerintl.com

PENSCO E-mail: pensco@cox-internet.com

411 Wall Street Lafayette, LA 70506-3029 Phone: (337) 233-9914 FAX: (337) 233-9916

OFESSIONAL ENGINEERING AND SURVEYING CO., INC

Southeast Engineers, LLC 4915 S. Sherwood Forest Boulevard, Ste. B

> Baton Rouge, LA 70816 (225) 295-1880



1503 Goodwin Road, Ste. 203, Ruston, LA 71270 (318) 255-1872

MBAKERINTL.COM MICHAEL PISANI & ASSOCIATES, INC.

Environmental Consulting Services

Michael E. Pisani, P.E.

Picciola & Associates Inc PO Box 687 Cut Off. LA 70345 (985) 632-5786

Southeastern Tank, Inc. 60 Vesta Road Lebanon, TN 37090 (615) 466-5220

Melson

WALDEMAR S. NELSON AND COMPANY **ENGINEERS**

MODJESKI MASTERS

1055 St. Charles Avenue Suite 400 New Orleans, LA 70130 504.524.4344

100 Sterling Parkway Suite 302 Mechanicsburg, PA 17050 717.790.9565

oché Prouet Associates I M I T E D ENGINEERS • ARCHITECTS PROJECT MANAGERS • INTERIORS

100 Central Street, Ste 200 Lafayette, LA 70501 (337) 237-6517

Stantec

Stantec Consulting Services 500 Main Street, Baton Rouge, La 70801 (225) 765- 7400

WASKEY

Sims F. Regard, Jr.

2651 N. Flannery Road Baton Rouge, LA 70814 sims@waskey.com www.waskey.com

Mohr and Associates, Inc.

Street A. Street

J. ANDREW CRAIG Professional Engineer
(LA, AR, TX)
Professional Land Surveyor (LA) MESTONE CONCRETE

Port Aggregates, Inc. 337-824-RÓCK(7625) www.portaggregates.com

PROFESSIONAL ENGINEERING

CONSULTANTS CORPORATION

Stokes & Spiehler USA, Inc. PO Box 52006 Lafavette, LA 70505 (337) 233-6871

Weigh Tech Engineering 2645 Rome Dr. Baton Rouge, LA 70814 (225) 456-3671

MOTT MACDONALD

New Orleans, LA 70130 T 504.799.0434

7600 Innovation Park Drive • Baton Rouge, LA 70820 hone: 225.769.2810 • Fax: 225.769.2882



ENVIRONMENTAL ENGINEERING PLANNING DISASTER RECOVERY PROVIDENCE SURVEYING ARCHITECTURE

SUPPORT SERVICES

Kenneth Wm. Smith, P.E., P.L.S.

SWIBMAJR

Synergy with Nature"

Phone: 985.868.0001 Fax: 985.851.0108 submar@submar.com (TBS)

Design/Build Contractor

License No. EF 6196 License No. VF 770

T. BAKER SMITH

sident & CEO

WTAA ENGINEERS Merritt McDonald, P.E. 866-324-9822 ee: www.WTAAENGINEERS.com Email: merritt_m@wtaaengine 225-383-0822(O) 225-753-6829(C) 225-346-4023(F)

Question the existing

Imagine the impossible Create the enduring

Reserve Your Space Now

Reaching Louisiana and Beyond

Manish Mardia, P.E.

Cell (504) 559-1897

318-221-7117

NEEL-SCHAFFER

FIVE LOUISIANA LOCATIONS BATON ROUGE LAFAYETTE MANDEVILLE 985-674-9820 337-232-6111 225-924-0235 NEW ORLEANS 504-875-4662 SHREVEPORT



Week

New Orleans (504) 733-9411 Baton Rouge (225) 293-8378 Monroe (318) 387-2327 Shreveport (318) 631-5547

Geotechncial Environmental **Materials Testing**

www.psiusa.com

llerracon

Louisiana Offices

Baton Rouge | Lake Charles | New Orleans | Shreveport 225-344-6052 337-478-5345 504-818-3638 318-868-6849 www.terracon.com

