

Louisiana Engineer & Surveyor Journal

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Kurt M. Evans, PE, FITE, FACEC
ACEC/L 2017-2018 President

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Message from the Chairman

Terry Huval, P.E.

Fundamental Ethics When Dealing With Governmental Entities
During my career, I have been employed in both the private and public sectors. In those engagements, my employers placed attention on good ethical behavior. As time went on and as my career unfolded, I learned that dealing with governmental entities sometimes creates special opportunities for confusion and problems. Sometimes public officials themselves, either knowingly or unknowingly, can place their contracted professional in uncomfortable situations. The good news is that such events provide the professional a unique opportunity to help the client understand any potential ethics issues.

Those of you who regularly work with public sector clients already know this very well. Asking the right questions before you act can save you, and your client, lots of headaches, public scrutiny and legal penalties. While taking a State of Louisiana ethics course(s) for entities dealing with local and state government might be a good start, the challenge for engineering professionals is to remain a successful business entity, while staying within the requirements of all applicable laws. It is not an accident that many successful engineers and their firms have a proven record of successfully navigating these requirements. By doing so, those professionals have demonstrated how to successfully run their businesses, while at the same time remaining ethical.

Unfortunately, rules have had to be developed to deal with the "Bad Actors" – individuals who are apparently more willing to risk their personal reputations, and those of their clients, by trying to take (or avoid) actions that can create problems later. While a strategic execution of "What corners can I cut?" or "What I can I get away with?" may potentially improve a firm's short-term profitability and/or its relationship with its client, it takes only one lawsuit or public scandal to more than wash away those benefits.

The crazy part about this is that all true professionals really do know better! They generally know what's legal and what's not – and if by chance they don't, they know it is their job to find

out ahead of time. If one really wants to know, there are many ways to seek out those answers. In the end, the professional must use prudent judgement, as it is to the benefit of both the professional and the client to avoid litigation and bad publicity.

Also, bringing the issue even closer to home – the engineering professional and its firm must understand how the consequences of infractions can impact their licensure with the Board.

Some of the areas in State law that can get a professional in trouble include:

- Violating ethics laws as they apply to meals, trips and other expenses provided to the public client
 - o Check out: <https://www.doa.la.gov/osp/Travel/travelpolicy/pocketguide.pdf>
- Following proper Procurement statutes for either your services or goods to the public client
- Open Meetings laws
 - o Which limits the number of elected council members you can meet with at one time (usually one less than a quorum), in addition to other features in applicable laws that provide for other limitations
- Campaign Contributions
 - o Every candidate for public office should be very cognizant of these regulations, but it is still up to the professional to be sure that such contributions are done legally
- In general, a visit with a qualified attorney on State ethics issues might be a prudent investment.

By now, you get the idea on the issue and what is at stake for you, your firm and the clients you serve.

Thank you for the great work you do. I wish each of you a successful 2018.

Sincerely,



Terry Huval, P.E.
Chairman

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

LAND SURVEYING STANDARDS OF PRACTICE VIOLATIONS:

David L. Patterson, P.L.S., a professional land surveyor (PLS-4784), was subject to disciplinary action by the Board for failing to meet the Board's standards of practice for boundary surveys in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI\$2907(G)(3), 2907(G)(4), 2907(G)(6), 2907(G)(14)(f), 2907(G)(15) and 2909(B)(3). Between November 2012 and March 2013 Mr. Patterson performed two property boundary surveys and prepared, sealed, signed and issued survey plats for tracts of land located in Louisiana which failed to show dimensions or bearings of a property or boundary line. Between January 2013 and June 2015 Mr. Patterson performed fourteen property boundary surveys and prepared, sealed, signed and issued survey plats for tracts of land located in Louisiana which failed to label monuments as "found" or "set". Between March 2013 and March 2015 Mr. Patterson performed thirteen property boundary surveys and prepared, sealed, signed and issued survey plats for tracts of land located in Louisiana which failed to mark bearings on the plats from the basis of bearing notes. Between March 2013 and February 2015 Mr. Patterson performed four property boundary surveys and prepared, sealed, signed and issued survey plats for tracts of land located in Louisiana which failed to include the requisite certification statement. Between October 2012 and June 2013 Mr. Patterson performed three route surveys and prepared, sealed, signed and issued survey plats for tracts of land located in Louisiana which failed to include the requisite certification statement. Mr. Patterson has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$1,000; to pay administrative costs of \$1,201.75; to successfully complete the Board's online Louisiana Standards of Practice for Boundary Surveys Quiz; to correct the

standards of practice violations on revised survey plats, provide the revised survey plats to the Board for review, properly file the revised survey plats into the public record,

and provide copies of the revised survey plats to the Board; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

LICENSURE RENEWAL APPLICATION VIOLATIONS:

Bobby D. Morrison, P.E., a professional engineer (PE-27468), was subject to disciplinary action by the Board for making a false statement in applying for a renewal license with the Board in violation of La. R.S. 37:698(A)(1). In July 2015 the Oklahoma Board took disciplinary action against Mr. Morrison for practicing and/or offering to practice engineering without proper licensure or temporary permit and failing to submit a complete permanent professional engineer application within 30 days of the issuance of a temporary permit. In September 2015 Mr. Morrison submitted to the Board his 2015 Louisiana professional engineer license renewal online, confirming thereon that (a) he had not been subject to disciplinary action by the licensing authority in another jurisdiction since his previous license renewal in 2013, (b) all information provided in his online renewal was true and correct to the best of his knowledge, information and belief and (c) an omission or untrue response may constitute fraud, deceit, material misstatement, perjury or the giving of false or forged evidence under the Board's licensure law. Mr. Morrison has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$1,000; to pay administrative costs of \$857.23; 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.



Richard Savoie
Deputy Executive Director

HTS, Inc., Consultants, a professional engineering firm (EF-4594), was subject to disciplinary action by the Board for making false statements in applying for renewal licenses with the Board in violation of La. R.S. 37:698(A)(1). In September 2012 the Louisiana Secretary of State revoked the firm's certificate of authority to transact business in Louisiana, and the firm has not been in "good standing" with the Louisiana Secretary of State since that date. In February 2014 the firm submitted to the Board its 2014 Louisiana professional engineering firm license renewal invoice, confirming thereon that (a) it was in "good standing" with the Louisiana Secretary of State, (b) all information provided in its renewal invoice was true and correct to the best of its knowledge, information and belief and (c) an omission or untrue response may constitute fraud, deceit, material misrepresentation, perjury or the giving of false or forged evidence under the Board's licensure law. In July 2015 the Oklahoma Board took disciplinary action against the firm for practicing and/or offering to practice engineering without proper authorization. In March 2016 the firm submitted to the Board its 2016 Louisiana professional engineering firm license renewal invoice, confirming thereon that (a) it was in "good standing" with the Louisiana Secretary of State, (b) it had not been subject to disciplinary action by the licensing authority in another jurisdiction since its previous license renewal in 2014, (c) all information provided in its renewal invoice was true and correct to the best of its knowledge, information and belief and (d) an omission or untrue response may constitute fraud, deceit, material misrepresentation, perjury or the giving of false or forged evidence under the Board's licensure law. The firm has entered into a Consent Order with the Board, wherein it admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$1,000; to pay administrative costs of \$866.60; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz; to have its certificate of authority to transact business in Louisiana reinstated by the Louisiana Secretary of State and thereafter be in "good standing" with the Louisiana Secretary of State; to the immediate suspension of its Louisiana professional engineering firm license if it fails to comply with any portion of the Consent Order, with said suspension continuing until it so complies; 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:

Thomas M. Smith, P.E., a professional engineer (PE-21960), was subject to disciplinary action by the Board for (a) sealing, signing or issuing engineering documents not prepared by the licensee or under his responsible charge in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2503(C) and (D), 2505(C) and 2701(A)(3), (b) failing to provide immediate written notice of his engagement to the prior licensee when engaged to complete, correct, revise or add to the engineering work of the prior licensee, and failing to include on the work a notation describing the work done by the licensee now in responsible charge in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2503(D) and (c) failing to seal and sign engineering documents that have been issued by the licensee to a client or any public or governmental agency as completed work in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2701(A)(4)(a)(i). In September 2013 Mr. Smith prepared and issued a completed engineering sketch relating to the construction of a building in Louisiana, however the sketch did not contain his Louisiana professional engineer seal and signature. In April 2008 two other professional engineers had prepared, sealed, signed and issued to their client a set of engineering plans for the construction of the same building. Additionally, in or about February 2015 Mr. Smith prepared, sealed, signed and issued revisions to the two prior professional engineers' original plans; however, he failed to provide to them written notice of his engagement immediately upon acceptance of the engagement and failed to include on the plans a notation describing the work done by him. Furthermore, the engineering plans issued by the two prior professional engineers were prepared by individuals who were not employed by Mr. Smith, and Mr. Smith did not exercise responsible charge over either their preparation of the plans or any other work performed by them in connection with the project. Mr. Smith has entered into a Consent Order with the Board, wherein he admitted to referenced violations of the above laws/rules and agreed to pay a fine of \$1,500; to pay administrative costs of \$985.79; 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.

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Jimenez, Keith Anthony, PLS
Lanier, Eldred Sorrell, PLS
Lormand, J. D., PLS
Reed, Rodney Lynn, PLS
Simkin, Wayne Ried, PLS
Smith, Robert Keith, PLS
Webb, Thompson Berry, PLS

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Sullivan, Kevin Patrick, PE
Sullivan, William Edward, PE
Sunta, Robert Jesse, PE
Sutherland, William Thomas, PE
Thomas, Irwin P., PE
Thomas, Joseph Curtis, PE
Thornhill, Richard D., PE
Thorstad, Craig Brel, PE
Toebben, Roger Wayne, PE
Tolar, Donald L., PE
Townsend, Larry Howard, PE
Tribble, Hiram Lowry, PE
Tucker, William Lawrence, PE
Twiner, Michael Stevan, PE
Urbaniak, Thomas Francis, PE
Valdez, Francisco, PE
Van Name, Frederick Warren, PE
VanBroeklin, Karl J., PE
Waggoner, Joe Ayres, PE
Waits, William Francis, PE
Walker, Steven Lyle, PE
Wallace, Jesse A., PE
Walsh, Roger Earl, PE
Warner, Hansford B., PE
Watkins, Curtis Max, PE
Webb, Alvin Ray, PE
Weber, Richard Raymond, PE
Wells, John Andrew, PE
Whiteley, James R., PE
Wijeratne, Don Rukshan, PE
Wilkerson, Steven Michael, PE
Williams, Chancellor Lane, PE
Williams, James Blaine, PE
Willson, Vernon Robert, PE
Winkler, Brian Dale, PE
Winston, Victor Gerold, PE
Wright, Henry Wesley, PE
Zhao, Xiaoxia, PE
Zupan, Joseph Allan, PE

ENGINEERING FIRMS

Apex Geoscience, Incorporated, EF
Bonie Associates, Inc., EF
Bullock, Bennett & Associates, LLC, EF
Campbell Engineering & Associates, Inc., EF
Cardno PPI Technology Services, LLC, EF
Central Electric Company of Alexandria, Inc., EF
Cox Engineering, Inc., EF
Datacom, LLC, EF
DDC, Inc. (of Texas), EF
DebrisTech, LLC, EF
Design Analyst Engineers & Consultants, LLC, EF
ERI Installations, Inc., EF
FMS Engineering, LLC, EF
Goff Communications, Inc., EF
Henry K. Ng Consulting Engineers, Inc., EF
Horner & Shifrin, Inc., EF
Iv-Infra USA, LLC, EF
J & J Engineers, Inc., EF
JSI Construction Group LLC, EF
Kincaid & Company, LLC, EF
McGill Associates, P.A., Inc., EF
Morrow Equipment Company, LLC, EF
PetroDesigns, Inc., EF
R.E. Walsh Engineering, Inc., EF
Raduenz Engineering and Consulting, L.L.C., EF
Ref-Chem, L.P., EF
Resolution Engineering, Inc., EF
R-S-H Energy, LLC, EF
Southland Process Group, LLC, EF
Texas Energy Engineers, Inc., EF
The Brandt Companies, LLC, EF
Thompson Building Engineering Solutions, Inc., EF



Terry J. Huval, P.E. and David L. Patterson, P.L.S., were recognized for their service to the LAPELS Board.



The Board elected Christopher P. Knotts, P.E., as chairman of the Board for 2018. Others elected were Paul N. Hale, Jr., Ph.D, P.E. – Vice Chairman; Alan D. Krouse, P.E., Treasurer, and Thomas R. Carroll, III, P.E., P.L.S. - Secretary



Richard Savoie
Deputy Executive Director

Tyson Ducote, Director of Enforcement, has resigned from his LAPELS position. He has taken a position with the Louisiana Board of Architectural Examiners. Mr. Richard L. Savoie, Jr., P.E., is currently serving as the Acting Director of Enforcement.

2018 Board Meeting Dates

Tuesday, January 30

Monday, April 9

Monday, June 18

Monday, September 10

Monday, November 5

Expired Registrants

Certificates and licenses for the following individuals and firms expired on September 30, 2017. If this is not correct, please contact us.

LAND SURVEYOR INTERNS

Hebert, Benjamin Joseph, LSI

PROFESSIONAL SURVEYOR

Caffarel, Carl James, PLS
Demopolis, Chris, PLS
Fontenot, Kenneth, PLS
Makofsky, Donald C., PLS

SURVEYING FIRMS

Cochrane Technologies, Inc., VF

ENGINEER INTERNS

Addison, Russ Michael, EI
Aguilar, Nicholas M., EI
Alam, Md Ashraf, EI
Allain, Emma Marie, EI
Bacon, Ronald F., EI
Bailey, Philip Joseph, EI
Barrett, Kristen Ramsey, EI
Bell, Brian P., EI
Berthelot, Dale Anthony, EI
Blanchard, Warren James, EI
Blessing, Adam Michael, EI
Bordelon, Darryl August, EI
Borrelli, Matthew Andrew, EI
Bourgeois, Scott Craig, EI
Bradbury, Dwight G., EI
Breux, Kenneth Earl, EI
Brumley, David Murrel, EI
Cazenave, Ross Gerard, EI
Chaney, Stewart L., EI
Cheramié, Bronson Dale, EI
Clyde, Kori McClanahan, EI
Constantinou, Constantinos, EI
Cook, Jasper Charles, EI
Crawley, Brian O'Connell, EI
D'Antoni, Michael David, EI
Davies, Richard Henry, EI
Doyle, Michael Dwayne, EI
Dupaquier, Samantha Elizabeth, EI
Edwards, Richard Lamar, EI
Ferrer, Adam Daniel, EI
Fronczek, Christopher Franklin, EI
Gawlik, Klaudia, EI
Ghosn, Adlai H., EI
Grace, Michael Kiniry, EI
Guenther, Matthew C., EI
Guercio, Sam Joseph, EI
Gullem, Roy A., EI
Gunesebakam, Ilyas, EI
Hamilton, Jamie L., EI
Herman, Peter Benjamin, EI
Herrera, Jose Emilio, EI
Hervig, Nathan, EI
Higdon, Johnny Wesley, EI
Higginbotham, James Robbie, EI
Horton, Kenneth J., EI
Hossain, Tanvir, EI
Hurme, Charles Jeffrey, EI
Hutchinson, Joshua Troy, EI
Jeansonne, Christopher Gerard, EI
Jones, Brandon Wayne, EI
Kahl, Robert J., EI
Kenney, Michael Thomas, EI
Knotts, Samuel L., EI
Korkut, Murat, EI
Kukura, John Joseph, EI
Kunkel, Keith Williams, EI
LaFountain, Joshua Ryan, EI
LeBlanc, Christopher Scott, EI
Lee, Seon A., EI
Maltzahn, Rachael Ann, EI
Manfre, Mark Thomas, EI
Manuel, Glenn Paul, EI
Maradiaga, Enguember F., EI
McCall, Clarence, EI
Melerine, Matthew Mitchel, EI
Murugesu, Mayuri, EI

Namy, Matthew Xavier Marie, EI
Nguyen, Jacquelyn, EI
Nguyen, Vogan Huy, EI
Oubre, Chaz Michael, EI
Owens, Paul Wayne, EI
Padron, Harold Jose, EI
Parker, Preston Ross, EI
Parr, Dra' Daniel, EI
Pedro-Egbe, Mobuayo Ogboka, EI
Perez, Maciel, EI
Perkins, Andrew Timothy, EI
Pham, Andrew T., EI
Phelps, Douglas E. B., EI
Pitts, Clennan Wade, EI
Poche, David Christopher, EI
Price, Michelle Renee, EI
Prosperie, Joshua Thomas, EI
Quebedeaux, Blake Michael, EI
Randall, Jebidiah P., EI
Roa, Nadia Carolina, EI
Roxas, DeeJay Alvarez, EI
Rozas, Kathryn Falterman, EI
Rush, LeChell S., EI
Rushing, Marlin LeVincent, EI
Savoy, Shane Scott, EI
Sharma, Yubraj, EI
Sherpa, Ang Nurbu, EI
Smith, Damon Cullen, EI
Tabi, Harry Eba, EI
Tapley, Mallory A., EI
Tellis, Erin Postell, EI
Terry, Christopher Michael, EI
Treas, Caleb Dean, EI
Triche, Gabrielle Marie, EI
Tucker, Charles William, EI
Tynes, Conner Hardin, EI
Uhack, Glen David, EI
Volpe, Paul S., EI
Voltz, John Hooe, EI
Waterman, Margot Lange, EI
Welch, Mark Gerard, EI
Werling, Joseph Daniel, EI
Wicker, Chad Christopher, EI
Williams, Eric Lofton, EI
Willis, Douglas Karl, EI
Womble, Michael D., EI
Woodbery, William Potter, EI
Yao, Theodore Nguyen, EI
Zhang, Ye, EI

PROFESSIONAL ENGINEERS

Aikens, John Marvin, PE
Allen, William Lee, PE
Anderson, Brent Wallace, PE
Bacon, Claire Noelle, PE
Bailey, Mark William, PE
Barfield, Gregory Scott, PE
Barlow, Anthony Trey, PE
Barton, Glenn C., PE
Beck, Walter Earl, PE
Belsom, Charles L., PE
Bendelius, Arthur G., PE
Benosky, Christopher Peter, PE
Beyer, Eric Kenneth, PE
Boley, Morris Victor, PE
Bookout, Linda Lucinda, PE
Bosley, David Lyle, PE
Bostick, Christopher Andrew, PE
Bottger, Justin B., PE
Boudreaux, Dennis P., PE
Britt, Robert E., PE
Broadbooks, Arthur Christian, PE
Brock, Robert G., PE
Busha, James Frank, PE
Button, Donald Demarest, PE
Cain, Bradon Patrick, PE
Calkins, Dennis E., PE
Cambre, Ronald Charles, PE
Campbell, Timothy Wayne, PE
Canfield, Richard Benedict, PE

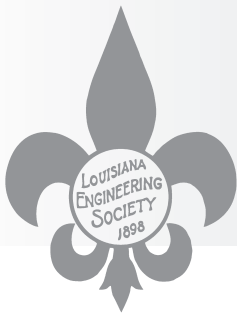
Carter, Leon Harmon, PE
Casbarian, Aramais Ohan, PE
Chai, Chin Wei, PE
Chan, Andy Leung, PE
Chaudhuri, Mrinal, PE
Chen, Naichuan, PE
Chop, Bert Dewayne, PE
Chopin, Lamy Jean, PE
Clark, Bruce Alan, PE
Commander, Steve Randolph, PE
Condon, Benjamin T., PE
Cook, David Albert, PE
Cooper, James Edward, PE
Cosban, Scott J., PE
Courter, David M., PE
Courtier, Nadina Kay, PE
Cox, Daniel D., PE
Cox, Ron C., PE
Craig, Jon Eugene, PE
Crawford, Brinton Millard, PE
Crocker, Ronald C., PE
Cumbaa, Steven L., PE
Cummings, Charles Scott, PE
Dean, Christopher Michael, PE
Deis, Gregory J., PE
Demopolis, Chris, PE
Dickerson, J. Rodney, PE
Dixon Little, Pamela Jo, PE
Doucet, John Dudley, PE
Doucet, Ned Gerard, PE
Drake, Eugene Francis, PE
Dunham, Caleb Steve, PE
Dyck, Benjamin James, PE
Edwards, Brian James, PE
Edwards, Ervin L., PE
Ehasz, Joseph L., PE
Evans, Duaine Thurman, PE
Exner, Johanna Lee, PE
Fegenbush, William Matthew, PE
Ferowich, John Joseph, PE
Fitzenreiter, James Edward, PE
Fletcher, Peter D., PE
Fry, Kirk A., PE
Furtick, John Walter, PE
Gates, Harry Mark, PE
Gill, Philip John, PE
Glenn, William R., PE
Goebel, Brian Dale, PE
Gokmen, Cuneyt, PE
Granger, David Bernarr, PE
Greeley, Damon Guy, PE
Grille, Geneva P., PE
Hall, Freddie Ray, PE
Harkey, Deborah Leigh, PE
Hart, Gary Curtis, PE
Hebert, Andre Lane, PE
Hebert, Richard K., PE
Heisner, Kenneth William, PE
Hembree, Jack Shane, PE
Hilton, Donald George, PE
Hippe, Thomas Gilman, PE
Ho, Jesse Kei, PE
Hohnbaum, Jeremy Michael, PE
Holmes, David Phillip, PE
Hubbard, Erin Elizabeth, PE
Huber, Paul J., PE
Huggins, John Karr, PE
Hung, Thomas Chung-Bun, PE
Jenkins, David Matthew, PE
Jordan, Charles Candler, PE
Jung, Robert I., PE
Kadam, Rupesh Ramakant, PE
Kelley, Bruce Michael, PE
Kerr, John Bowman, PE
Kim, Hyungwoo, PE
Kimble, Edward Lawrence, PE
Knighton, Gary Edward, PE
Koch, Kurt Justus, PE
Kochersperger, Gregory M., PE
Kramer, Rickie Louis, PE

Kunz, Robert G., PE
Lanier, Michael William, PE
Larson, Ryan Fairchild, PE
Lawrence, Richard Lee, PE
LeBlanc, Edward Louis, PE
Leesman, John Henry, PE
Levin, Barry, PE
Libby, Donald Robert, PE
Lodato, Joseph Salvatore, PE
Mace, Erin Griffith, PE
Mackie, Richard Dale, PE
Maier, Charles J., PE
Makofsky, Donald C., PE
Malavasi, Vincent Joseph, PE
Malek, Paul Edward, PE
Mangham, Matthew Arnold, PE
Manson, Hugh P., PE
Matricardi, John Samuel, PE
McElvogue, Matthew Raymond, PE
McKale, Dennis Charles, PE
McMahon, Doran Owen, PE
Menard, Wendell Peter, PE
Menghrajani, Nand Hotchand, PE
Micheel, Brad August, PE
Michel, Gregory Duane, PE
Mills, Garrett Ward, PE
Moore, Gary L., PE
Moss, Paul James, PE
Nangia, Subash C., PE
Nguyen, Tien Dich, PE
Nickoli, James Edward, PE
Olivier, Russell Gerard, PE
Ortiz, Juan Carlos, PE
Overbeek, William Lee, PE
Overstreet, Andrew D., PE
Palliser, Lester P., PE
Panek, William, PE
Parker, Homer R., PE
Patel, Mayur T., PE
Pauillus, Robert Benson, PE
Pazos, Hector V., PE
Plunk, Cory Thomas, PE
Podojil, Ronald Arthur, PE
Posch, Anthony G., PE
Potturi Venkata, Ajay Kumar Raju, PE
Powell, Adam James, PE
Prather, Walter Mathews, PE
Pritchard, Gordon D., PE
Quinlan, Brian Joseph, PE
Quist, Carl Dwight, PE
Rabalais, Nick A., PE
Ramey, Randall F., PE
Rand, Charles L., PE
Rauchle, Glenn D., PE
Reddick, Christopher Edward, PE
Richoux, Glenn J., PE
Riley, Nathan Scott, PE
Roach, Jeffrey Alexander, PE
Robertson, Correen Corena, PE
Robinson, John Mark, PE
Robison, J. T., PE
Rodgers, Brad Tracy, PE
Rotonda, Frank J., PE
Salud, Emeterio Peralta, PE
Sanchez, Victor J., PE
Sandow, John Christopher, PE
Schroeder, Bradley C., PE
Schroeder, Julie M., PE
Sebring, Ricky Lee, PE
Sewell, Alan C., PE
Shambaugh, Mark Paul, PE
Shipp, Erin Marie, PE
Simmons, Richard G., PE
Simon, Mona Boudoin, PE
Simoneau, David W., PE
Slider, James T., PE
Smith, Kenneth Clark, PE
Smith, Kenneth L., PE
Sobiech, John Paul, PE
Spangler, David Wesley, PE

Speicher, James Richard, PE
Spyrou, Alexis, PE
Starring, John William, PE
Stephens, Sandy Hart, PE
Stewart, James E., PE
Stone, James Joseph, PE
Strayer, Patricia Kay, PE
Stromecki, James, PE
Studdard, Charles Andrew, PE
Surdock, Lynn Marie, PE
Surgi, Roy Joseph, PE
Swisher, Mark Don, PE
Tallman, Thomas Eliot, PE
Terry, Kenneth Joseph, PE
Thomas, Harold D., PE
Thompson, Leslie Eugene, PE
Towers, Patricia Spirek, PE
Tullis, Michael Stephen, PE
Utz, Dwight Edgar, PE
Valenzuela, Carlos, PE
Vawter, Angela Marie, PE
Vidrine, Terold J., PE
Walker, Terry Lee, PE
Wall, Roy L., PE
Wall, Stephen Allen, PE
Walsh, Edward J., PE
Warden, Fred F., PE
Waxham, Thomas J., PE
Weikel, Richard D., PE
Welte, John Lloyd, PE
Whisenhunt, Jacob David, PE
White, Larry H., PE
White, William Hagan, PE
Whitt, Sidney R., PE
Wiesendanger, Elliot S., PE
Wiggins, Gene B., PE
Wilkes, Kirtland Richard, PE
Wright, Richard Patrick, PE
Young, Louis Dean, PE
Zafar, Hussain A., PE
Zehner, Walter Francis, PE
Zhou, Ping, PE
Zinski, Edward John, PE

ENGINEERING FIRMS

AIM Metals, LLC, EF
Alstom Power, Inc., EF
Atlantic Engineering Group, Inc., EF
Bayer Business and Technology Services
LLC, EF
CM Engineering, Inc., EF
Cypress Engineering Services, Inc., EF
DiGiorgio Associates Inc., EF
E/T Engineering Technologies, Inc., EF
EWB Engineering, LLC, EF
Halcrow, Incorporated, EF
HSG Constructors LLC, EF
Littlejohn Engineering Associates, Inc., EF
MAP Group, Inc., EF
Minick Engineering, Inc., EF
PB Energy Storage Services, Inc., EF
QC Laboratories, Inc., EF
Rone Engineering Services, Ltd., EF
Rowe Surveying & Engineering Company,
Inc., EF
SAM-Construction Services, LLC, EF
SCI Engineering, Inc., EF
Skye Engineering, LLC, EF
Structural Design & Management, Inc., EF
Taylor & Syfan Consulting Engineers,
Inc., EF
Triad Control Systems, LLC, EF
United Group Services, Inc., EF
World Fiber Technologies, Inc., EF



Presidential Privilege

Byron Racca PE

I pray everyone had a safe and wonderful holiday season and were able to have a productive start to 2018. We are halfway through the fiscal year and our organization is hard at work.

The Louisiana Engineering Society just wrapped up hosting the Joint Engineering Societies Conference in Lafayette, LA on January 31st to February 1st. The event was a huge success and preliminary attendance records indicate approximately 395 engineers were in attendance. An estimated 40 new members were added to the LES ranks though participation in the conference. Our vendors, as usual, came out in strong support and assisted LES in servicing our member's educational needs. I want to personally thank our executive staff, conference committee, chapter presidents, vendors and all other participants who made this conference one for the record books.

My experience serving on the LES executive committee over the last several years has opened my eyes to the impact our organization has on the field of engineering and quality of life in our communities. All of this would not be possible without the dedication and generosity of our membership. LES membership is the backbone of our organization and is critical to ensuring the goals and objectives of our organization will be implemented for generations to come. LES has historically focused on raising funds to support scholarships, protect the profession from unwarranted regulation and provide educational opportunities for all engineering licensure. All endeavors require a considerable amount of support and LES membership has continued to answer the call. One of our most admirable attributes as engineers is our readiness to review and ascertain new ideas to address issues facing our society. It is essential to utilize fresh new ideas and input from our fellow colleagues which bring various backgrounds and experiences

for consideration. Enlisting our younger membership is as important as harvesting the wisdom and experience from our tenured members. Opportunities for all members to expand their involvement within the community can immediately start on the chapter level of LES. Activities such as Mathcounts, golf tournaments, E-Week, and others contribute to improving our community. There are numerous ways a member can contribute to these efforts and impact generations to come (time, donation, etc.). As our world continues to evolve, our organization needs to be prepared evolve with it in order to be in position to continue to meet its needs. I encourage all members to pursue supporting current and new initiatives and focus on ensuring its impact for our respective communities. The Louisiana Engineering Society's mission statement calls for 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; and Recognizing engineering achievements. I'm a true believer that all success is a product of the amount of work and effort endured. I challenge each member to reflect on our motto and ask yourself if you are contributing to its implementation.

Thank you all for your support and I look forward to seeing everyone at chapter monthly meetings and/or the upcoming Gulf States Engineering Conference in Sandestin, FL which will be held on June 10-12, 2018.



Byron Racca, PE
Louisiana Engineering Society President

Louisiana Engineering Society Articles of Incorporation Proposed Changes

As a result of recent changes at the National Society of Professional Engineers (NSPE), the LES Board of Direction has chosen to be a Non-Integrated member of NSPE. As a non-integrated member society, LES will no longer require State Society members to join NSPE. In keeping with these changes, LES is proposing revisions to the Constitution of the Society (Articles of Incorporation). For more background on the changes, please read the Presidential Privilege in the November issue of the "Louisiana Engineer and Surveyor Journal". To take effect, the changes must be approved by the membership of the Society, and as such, the proposed revisions will be included on the ballot with the LES officer elections later this spring. The proposed changes are explained below with a brief explanation in *italics* text.

ARTICLE V – DUES

Section 1. The amount of annual dues shall be determined by the Board subject to the following guidelines. Dues shall be established by the Board for each member classification. ~~The maximum amount for any Society mandatory dues, for any member classification, shall not exceed two-tenths of one percent (0.2 percent) of the median salary for the appropriate geographical region reported in the latest NSPE Salary Survey. The dues increase in any one year shall not exceed \$10.00 or ten percent of the current dues, whichever is greater.~~

This section is being amended because NSPE no longer publishes a salary survey.

Section 2. ~~The annual dues for the current fiscal year shall become due and payable at the members anniversary date of each year and shall be paid in advance. Renewal date shall be defined in the Bylaws of the Society. A statement of the amount shall be mailed or emailed by the Secretary-Treasurer to each member at least thirty days prior to the due date.~~

The changes to Section 2 are to allow the LES Board to change the membership renewal date for efficiency in billing. The changes also allow statements to be emailed to members.

ARTICLE VII – OFFICERS AND DIRECTORS

~~Section 1. B, C, & D.~~

The proposed changes to these sections delete the requirement that the State Board members, Chapter Board members, and the Young Engineers Representative be members of the National Society of Professional Engineers (NSPE).



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

Marcus J. Guillory, P.E.
Wesley D. Miller, P.E.

Baton Rouge Chapter

Rachel R. Barnett, Student
Luis A. Bonilla, E.I.
Patrick W. Forbes, P.E.
April R. Gaydos, Student
Jeremy N. Guillory, P.E.
Robert A. Karam, E.I.
Brian Johnson, P.E.
Ronald Juneau, P.E.
Christopher J. Nipper, E.I.
Amanda Ranck, P.E.
Ross F. Schwab, Student
Jacob Truax, P.E.

Bayou Chapter

Ricky L. Thobodeaux, P.E.
Jacob A. Waitz, E.I.

Lafayette Chapter

Callie M.C. Benton, P.E.
Michael E. Boustany, P.E.
Lance Cormier, P.E.
Joshua P. Fontenot, P.E.
Luke Fontenot, P.E.
Andre T. Frederick, P.E.
Jacob Kelly, P.E.
Bradley Lambert, P.E.
Aldon A. LeBlanc, P.E., P.L.S.
Dustin Prejean, P.E.
Matthew S. Richard, Student
Leah Roger, P.E.
Keith A. St. Germain, P.E.
Clarence Thibodeaux, P.E., P.L.S.
Wyatt T. Veronie, Student
Matt Weber, P.E.

Lake Charles Chapter

Beau M. Pleasant, P.E.
Eric S. Conner, P.E.

Monroe Chapter

Jackson A. Knott, P.E.
James A. Johnson, E.I.
Jeffrey Kidd, P.E.
Nathan D. Hill, E.I.

New Orleans Chapter

Joshua P. Olivier, Student
Anthony C. Cibilich, P.E.
Ryan W. White, Student
Shawn Woodward, E.I.
Thomas Read, P.E.
Brandon E. Faciane, E.I.
Clifton Royston, P.E.
Creston Troxler, P.E.
Kenneth Odinet, P.E.

Shreveport Chapter

Daniel C. Bacon, Student
Matthew L. McCain, P.E.

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

February 2018

- 1 Nominations for LAPELS Board Vacancies begins
- 10 Honors & Awards nominations deadline
- 17 LES Board Meeting & Honors and Awards Meeting - LES Office

March 2018

- 2 Life Safety Code - Baton Rouge
- 5 Life Safety Code - Shreveport
- 6 Alexandria Chapter Meeting & Licensing Ceremony - West Side Library
- 7 Life Safety Code - Lake Charles
- 9 Life Safety Code - Covington
- 14 New Orleans Chapter Meeting & Licensing Ceremony - Metairie Country Club
- 21 Al Dunn's Endowed Scholarship Begins
- 23 MATHCOUNTS State Competition - Pineville, LA

April 2018

- 10 Lake Charles Chapter Meeting & Licensing Ceremony - Pat's of Henderson
- 11 Shreveport Chapter Meeting & Licensing Ceremony - Petroleum Club
- 12 Bayou Chapter Meeting & Licensing Ceremony - Mudbug's TBD Lafayette Chapter Meeting & Licensing Ceremony - TBD
- 12 Monroe Chapter Meeting & Licensing Ceremony - Catfish Cabin
- 26 Baton Rouge Chapter Meeting & Licensing Ceremony - Juban's
- 27 LES Board Meeting - Lake Charles, LA

2017-2018 LOUISIANA ENGINEERING SOCIETY BOARD OF DIRECTION



Front row: Alan Krouse, PE, Luke Miller, PE, Byron Racca, PE, Josh Hays, PE, Chris Knotts, PE, Glenn Turner, PE, and Brenda Gajan
Back row: James Geihlsler, PE, Carolina Herrera, PE, William Dean, PE, Pam Granger, PE, William Elliott, PE, Lem Dial, PE, Jim Ellingburg, PE, Chris Richard, PE, and Mike Bares, PE

Alexandria Chapter By William Elliott, PE



William Elliott, PE

The Alexandria Chapter of LES is moving into the New Year just as quickly as we finished up the 2017 calendar of events. As we head into the 2018 year, the Alexandria Chapter is busy with MATHCOUNTS. The local MATHCOUNTS competition is scheduled for February 17, 2018 at the Tioga Junior High. MATHCOUNTS provides a great opportunity for LES to help shape and inspire the future generation of engineers. I am always impressed by the knowledge the kids in Central Louisiana have and hope you will make time on the 17th to come serve some wonderful, intelligent individuals. Due to the local MATHCOUNTS competition being held in February, we do not have a regularly scheduled meeting for that month. Our next Chapter meeting is scheduled for March 6, 2018.

December was a busy month for the Alexandria Chapter. In the spirit of the holiday season, the chapter members volunteered for the Salvation Army bell ringing on December 6th. We also made a holiday donation to the Manna House. The December meeting was held at the main conference room in the CLECO building. Mr. Kevin Switzer and Mr. Troy West spoke on new metering technology in the utility industry. Former chapter president Mrs. Jennifer Gemar with Dis-Tran Steel spoke at the January meeting her experiences serving on a national committee on what goes into a publicized national design guide.

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

Baton Rouge Chapter By Carolina Herrera, PE



Carolina Herrera, PE

Happy New Year! I hope your 2018 has gotten off to a great start!

Our last luncheon of 2017 was on December at Boudreaux's Catering and featured Dr. Eric Kalivoda, Deputy Secretary for LADOTD. In his presentation, Dr. Kalivoda expanded on the declining state of the infrastructure of our State, LADOTD's financial outlook and the new project development strategy based on five emphasis areas: pavement preservation, bridge rehabilitation/replacement, highway safety, traffic engineering/traffic analysis, tolling via PPP for capacity and mega preservation projects.

Also, during our December luncheon, we announced the 2018 Baton Rouge Chapter Honors and Awards winners. Each of the winners is very deserving and every one of them is a great representative of our chapter. These achievements from our members come from a lot of time, energy and leadership. Congratulations to:

Karen Holden, P.E.
A.B. Patterson Medal for an Engineer in Management

Ann Trappey, P.E. ** State Winner **
Charles M. Kerr Public Relations Award

Dr. Qin Jim Chen
James M. Todd Technological Accomplishment Medal

Roy Waggenpack, P.E.
Leo M. Odom Award for Services to the Profession

Carolina Herrera, P.E.
F. Hugh Coughlin Young Engineer Award

We have many more exciting and refreshing events planned for 2018. This January starts with our annual joint LES/APWA luncheon on January 25th at Juban's. Fred Raiford, Director of Transportation and Drainage for EBR will be the speaker providing an outlook on the Department of Public Works for the City/Parish. Also in January, we will also be holding the 22nd Annual Joint Society Engineering Conference (JESC) at the Hilton, Lafayette in January 31st and February 1st. You certainly don't want to miss out on the many great presenters, exhibitors and sponsors – more information below.

The Baton Rouge Regional MATHCOUNTS event is scheduled for Friday, February 2nd at LTRC/TTEC on 4099 Gourrier Ave. This year, a record-breaking 123 mathletes will be participating in the competition! As always, the event cannot happen without the help of volunteers, and this year more volunteers are needed. Please contact Chad Bacas at BacasC@ForteandTablada.com if you would like to assist in this very rewarding event. We look forward to a great event this year.

We have many more events in the upcoming months that you don't want to miss and information will be provided in the future newsletters as well as published on our website and facebook – Don't forget to check it out!

Lake Charles Chapter By: James Geihlsler, PE



James Geihlsler, PE

The Lake Charles Chapter of the Louisiana Engineering Society held its final meeting of 2017 in December and benefitted from an hour long presentation on Engineering Ethics from Mr. Ted Thompson. This was a great end to the year, and an excellent way for the members to gain a last minute PDH before the end of the year.

Our November 2017 guest speaker was Tom Chamberlain with Entergy. He provided attendees with a presentation on how to involve Entergy in the design process and the services that Entergy can provide throughout the site selection, planning, and engineering phases of projects.

Our yearly regional MathCounts competition was held on February 3rd at McNeese University. This is always a great opportunity for LES members, McNeese University professors and engineering students to meet and interact with the students in the competition. These outreach efforts are important for introducing students to not only the enjoyment of continued learning, but also the engineering profession.

At our February 2018 meeting, our anticipated speaker will focus on patent law and the application to engineering drawings and specifications. Meeting details will be emailed to Lake Charles LES members.

The Lake Charles chapter meets the second Tuesday of each month during lunch. For additional chapter meeting information and to be added to the email list, please feel free to call James Geihlsler, P.E. at (337) 214-6072.

Monroe Chapter By William Dean, PE



William Dean, PE

At the beginning of a new year the Monroe Chapter can reflect on last year's activities which included recognition of the achievement of professional registration by five north Louisiana area residents, welcoming of six new chapter members, and learning of engineering student interest in forming a Student LES Chapter at Louisiana Tech University. In order to help cultivate and nurture engineering student interest, the Monroe Chapter officers have voted for the Chapter to pay for the meal expense of student chapter guests at our monthly luncheons. We hope this gesture will

help to boost awareness of the benefits of LES membership among students pursuing engineering degrees as well as to expose them to the importance of continuing professional development, especially in the area of ethics required for professional service.

Our Chapter was privileged to receive a presentation on Professional Ethics from Mr. Jeffery Pike, P.E. with the Louisiana Board of Registration for Engineers and Surveyors at our December meeting. Other continuing education subjects covered by presentations at our luncheons included technical assistance that can be provided by the Louisiana Rural Water organization on public water supply and sewerage systems; design codes and required data for design of trench

and excavation safety systems; and the logistics and costs for leasing of mobile wastewater treatment equipment for bypass of treatment or pumping systems to allow major repairs and maintenance or complete replacement.

The Chapter membership also recently received a presentation from Mr. Michael Swanbom, P.E., with Louisiana Tech on the introduction of a Cyber Engineering program at Tech. Tech's Cyber Engineering (CYEN) program is the first four-year undergraduate degree program of its kind in the United States. The program is designed to integrate humanities into computer science, electrical engineering and mathematics to provide students with a thorough understanding of the security concerns, social and political impacts, and ethical consequences related to cyber security.

I am especially pleased to report that Monroe Chapter member Joey Riffin, P.E., P.L.S., was elected at the LES Board of Direction meeting of November 2017 to receive the F. Hugh Coughlin Young Engineer Award. The award is to recognize a high degree of capability in engineering, thereby indicating potential for further advancement and leadership as a professional engineer. I have had the privilege of working with Mr. Riffin over the past few years and can attest to his worthiness for receipt of the Young Engineer Award. He has demonstrated a high level of capability in his work and possesses notable skill with personnel management and encouraging others to seek higher levels of professional achievement.

New Orleans Chapter By Nicholas M. Musmeci, PE



Nicholas M. Musmeci, PE

The January 17, 2018 NOLES meeting was our annual panel discussion with the topic being the "Industrial and Business Outlook for 2018 and Beyond". Like for the last four years it was held as a luncheon meeting at Andrea's Italian Restaurant in Metairie, La. Our panel consisted of Mr. Paul Hinnenkamp, Entergy Executive VP and COO, Mr. Michael Hecht, President of GNO, Inc., and Prof. Eric Smith of the A. B. Freeman School of Business at Tulane University. Our moderator this year was Mr. Ken Nelson, PE, President of W.S. Nelson Engineers & Architects. Since tax reform has

passed Congress, Mr. Nelson asked probing and interesting questions to the panelist concerning industrial development and the overall business outlook for our region, state and the nation. Our panelist's gave some interesting answers and made thought provoking comments leading us to feel that the regional and national industrial and business outlook for the future is bright.

Our December 13th chapter meeting at the Southern Yacht Club (SYC) was a big success; we had Mr. Jason Grow, Lead Propulsion Engineer of Boeing, a NASA Contractor, who gave an excellent and interesting presentation on America's Space Program, titled "Space Launch System:

NASA's Ride to Mars". The evening venue at the SYC and the Holiday Spirit along with an engaging topic lead to over 35 people attending, many bringing their spouses or other family members.

Our November 15th chapter meeting was well attended at the CONOLA Grill in Metairie. The topic "FEMA Disaster Relief & Recovery Planning" was presented by Mr. Bill Doran, FEMA-FCO. Mr. Doran presented both short and long term recovery efforts for the recent hurricanes and future storms and disasters.

Our Chapter Sponsorship Program is doing really well and has already raised \$9000.00. To encourage more sponsors we are launching a great a "Half Price for Half the Year Sponsorship" program. This will allow a company to get in on our web site and have their company logos displayed at our remaining five meetings for this term.

With the money raised from the Chapter Sponsorship Program and the 10th Annual NO-LES Golf Tournament we looking forward to having the funds necessary to award several chapter level scholarships, supporting the middle school MATCOUNTS program, high school STEM educational programs, such as FRC Robotics, and the engineering forums for our two local engineering schools at UNO and Tulane.

I want to wish you and your families a Happy New Year-2018.

Shreveport Chapter By Jeffrey Anderson, PE



Jeffrey Anderson, PE

The Shreveport Chapter closed out 2017 with a member social event at Flying Heart Brewing. This provided members with an opportunity to socialize and follow up on an earlier PDH on the engineering process in brewing beer. The first meeting of 2018 was the annual joint meeting between the Shreveport Chapter of both LES and ASCE was scheduled for January 18th. The annual Chapter banquet is scheduled for February 23rd, 2018. The final three meetings of the year will be held on March 14th, April 11th, and May 9th.

This time of year is especially busy for the Shreveport Chapter, as we support our educational endeavors such as MATHCOUNTS, and Engineers' Week activities. We are lucky to have great participation and generous support from our donors that support these activities, and encourage others to participate and contribute as possible. Alongside these endeavors, the chapter was fortunate enough to be able to contribute to the pursuits of the Louisiana Tech Student Chapter of the American Society of Civil Engineers to support their competition efforts in the Steel Bridge and Concrete Canoe competitions at the ASCE Deep South Regional Conference; we wish them the best of luck in their competitions.



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

By Robert Miller
 The Building Code Institute, LLC

AIA Approved Seminar ID:

AIA ID# DWC012018

Seminar provides 8 HSW/LU AIA Credits

Approved Florida Provider

Morning Session – NFPA 101 Substantive Changes affecting all occupancies - 8:00 am – 12:00 Noon

This session will focus on changes to the Life Safety Code which is the primary document used for plan review and inspection.

Afternoon Session – 2015 IBC - Significant Changes affecting Protection and Egress - 12:30 pm - 4:30 pm

The discussion will focus on Chapters 9 and 10 which are required for compliance by the Louisiana State Fire Marshal during plan review and have some more restrictive requirements than NFPA 101.

The seminar will focus on substantive changes to the 2015 edition of the NFPA 101 Life Safety Code and will include Significant Changes to Chapters 9 and 10 of the 2015 Edition of the International Building Code which focus on protection of the building and egress issues which are enforced by statute of the Louisiana State Fire Marshal during plan review and inspection.

Practical Exercises are included in each session which are designed to aid understanding of the presentation information and will require use of the Codes during the exercise. Each attendee should have access to a copy of each Code during the seminar for reference. The exercises are intended to be group oriented.

☐ **Monday, February 26, 2018 in
 Monroe @ West Monroe Conven-
 tion Center, 901 Ridge Ave.**

☐ **Wednesday, February 28, 2018 in
 Alexandria @ Fairfield Inn, 2830 S.
 MacArthur Dr.**

☐ **Friday, March 2, 2018 in Baton
 Rouge @ Baton Rouge Marriott,
 5500 Hilton Ave.**

☐ **Monday, March 5, 2018 in Shreve-
 port @ Courtyard Marriott, 100
 Boardwalk Blvd.**

☐ **Wednesday, March 7, 2018 in Lake
 Charles @ Springhill Suites, 1591
 West Lake Prien Road**

☐ **Friday, March 9, 2018 in Cov-
 ington @ Courtyard Marriott
 101 Northpark Blvd.**

MEMBER RATE

- ☐ **Morning Session (4 hours) \$115**
☐ **Afternoon Session (4 hours) \$115**
☐ **Both Sessions (8 hours) \$220**
 (lunch will be provided)

NON - MEMBER

- ☐ **Morning Session (4 hours) \$135**
☐ **Afternoon Session (4 hours) \$135**
☐ **Both Sessions (8 hours) \$260**
 (lunch will be provided)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Email: _____

Card Number: _____ Exp: _____ CVV: _____

Signature: _____ Billing Zip: _____

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

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

Sorry, no refunds will be given after February 15, 2018

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

West Monroe Convention Center: 901 Ridge Ave., West Monroe, LA 71291 (318) 396-5000

Fairfield Inn: 2830 S. MacArthur Drive, Alexandria, LA 71301 (318) 449-9000

Baton Rouge Marriott: 5500 Hilton Avenue, Baton Rouge, LA 70808 (225) 924-5000

Courtyard Marriott-Bossier City: 100 Boardwalk Blvd., Bossier City, LA 71111 (318) 742-8300

Springhill Suites: 1591 W. Prien Lake Rd., Lake Charles, LA 70601 (337) 474-1112

Courtyard Marriott– Covington/Mandeville: 101 Northpark Blvd., Covington, LA 70433



F. HUGH COUGHLIN YOUNG ENGINEER AWARD

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

JOEY RIGGIN, PE, PLS

Joey Riffin, PE, PLS is a Project Engineer with the firm of Lazenby & Associates, Inc., a Civil Engineering and Land Surveying firm in West Monroe, Louisiana. Joey joined the firm in 2012 having previously worked 7 years with the firm of RCH Company, Inc. in Monroe, Louisiana. Joey is a 2006 graduate of Louisiana Tech University with a Bachelor of Science Degree in Civil Engineering. He is a registered Professional Engineer in the states of Louisiana, Arkansas, and Oklahoma. Joey's professional experience includes the design and project management for various drainage, transportation, water distribution, sanitary sewer collection, residential site development, and commercial site development projects for various independent, municipal, parish, and industrial clients.

After obtaining his engineering license in 2011, Joey immediately began taking additional college courses in pursuit of his Land Surveying License. After completing all of the course work and taking the required examinations, Joey obtained his Professional Land Surveying License in 2014. In addition to the engineering responsibilities listed above, Joey also manages the Surveying Department at Lazenby & Associates, Inc.

Joey has been an active member of the Monroe Chapter of the Louisiana Engineering Society (LES) since 2006. He became an officer in 2008 two (2) years after joining, and has since served as newsletter editor, Secretary/Treasurer, 2nd Vice President, 1st Vice President, and President. In addition to LES, Joey also holds professional memberships in the National Society of Professional Engineers, American Council of Engineering Companies of Louisiana, Louisiana Society of Professional Surveyors, and the National Society of Professional Surveyors. He is also a graduate of the Monroe Chamber of Commerce's Leadership Ouachita program.

In addition to being a dedicated professional engineer and land surveyor, Joey is devoted to his family. He currently resides in Choudrant, LA with his wife of ten (10) years Hannah, their daughter Ashlyn (age 5), and daughter Addie Grace (age 2). Joey is very thankful for his family's support of his career and understanding of the long hours that are required. He is grateful for the work ethic, determination, and dedication that his parents ingrained in him. He is also thankful for his partners and the Board of Directors at Lazenby & Associates, Inc. for providing him with many opportunities to grow as an engineer and the support and encouragement that they provide all of their engineers for their involvement with LES and the many other professional organizations.



THE ANDREW M. LOCKETT AWARD FOR CIVIC ACTIVITIES

The Louisiana Engineering Society Civic Activities Award The Andrew M. Lockett Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Civic Service by an Engineer, in the interest of the Public, without compensation for those services.

The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic well being of their communities, parishes and the State of Louisiana. The award is named in honor of Andrew M. Lockett, P.E. a distinguished member of the Society from 1900 until his death in 1945. Mr. Lockett was a strong advocate for engineers to get involved in civic activities.

KIM D. JOVANOVIICH, PE

Kim D. Jovanovich, PE, is the Assistant Dean of Engineering and Chevron USA Endowed Professor of Electrical Engineering at the University of New Orleans (UNO). He has a BS degree in Electrical Engineering from Tulane University and an MS in Telecommunications from the University of Southern Mississippi.

Kim, a USAF veteran, has been the Director of Fiber Optics R&D for Litton Data Systems, Staff Electro-optics Engineer at a Naval Research Laboratory, and President and co-founder of Omni Technologies, Inc. He started teaching as an adjunct professor at the University of New Orleans in 1980, joining them full time in 2012. He is a member of the Louisiana Engineering Society (LES), lifetime member of the Institute of Electrical and Electronic Engineers (IEEE), an Eminent Engineer in Tau Beta Pi, and received an LES's Faculty Professionalism Award in 2015.

He travels to schools advocating STEM and supports the New Orleans professional sport franchises on outreach programs with CORE Element. He has planned National Engineer's Day and NASA Space Day events using a Mars Rover exhibit, together bringing in over 2500 school students to see engineering exhibits. He serves on many school STEM advisory boards and the boards of directors for the Greater New Orleans Science and Engineering Fair, FIRST Louisiana-Mississippi, Inc., and Recovery Associates, Inc. (RAI), an organization that facilitates rebuilding efforts following catastrophes such as hurricanes and the flooding in South Louisiana.

RAI established Camp Restore at Prince of Peace Lutheran Church, where Kim served as organist, choirmaster, and church officer for 30 years. When the church's school was damaged following Katrina, RAI converted the space into dormitories to house, feed and deploy volunteers coming to New Orleans to rebuild homes, churches and communities. Since 2006 more than 27,000 volunteers have come through the camp. As the only engineer on the RAI board, Kim voluntarily advises the group when it comes to more technical operations and projects. The RAI board has established similar sites at Trinity Lutheran Church in Baton Rouge after the 2016 floods, and at Mt. Calvary Lutheran Church in Detroit to assist with resulting blight from population decline.

LES HONORS ENGINEERS



A.B. PATERSON MEDAL FOR AN ENGINEER IN MANAGEMENT

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

KENNETH H. NELSON, PE

Kenneth H. Nelson, P.E. is a native of New Orleans and president of Waldemar S. Nelson and Company, Inc., a multi-discipline design consultancy serving industry, government, and commercial interests in the fields of engineering, architecture, and project management since 1945. It is currently one of the oldest privately owned engineering firms in the State of Louisiana and has offices in New Orleans and Houston. It consistently ranks in the top half of the Engineering News Record 500 list of design firms.

Ken attended the Georgia Institute of Technology and graduated with a Bachelor of Civil Engineering degree in 1977. He joined Waldemar S. Nelson and Company in January of 1978 and has worked as a design engineer, project manager, and in a progression of company officer roles. He helped guide the transition of the firm to second generation management and in January 2012 became president of Nelson.

He is a registered professional engineer in the state of Louisiana and is a member of the National Society of Professional Engineers, the Louisiana Engineering Society, and the American Society of Civil Engineers. He is a past member of the Board of Directors of the Louisiana Engineering Foundation and is currently a member of the Board of Directors of the New Orleans Chamber of Commerce. He is also a member of the University of New Orleans Advisory Councils for the College of Engineering and for the Civil and Environmental Engineering department.

In his forty years practicing at Nelson, he has worked on projects all over the world and lived through many economic cycles. He learned from the calm perseverance exhibited by his father Waldemar during both the up and down cycles of the business, and has used those lessons to guide his approach to ensuring the continuation of the company. His goal is to provide a stable workplace where talented people have the opportunity to put their skills to good use and perform their best career achievements. He is very grateful to receive the Patterson award from LES and appreciates the efforts of all LES members to preserve the standing of the profession.



LEO M. ODOM AWARD FOR SERVICES TO THE PROFESSION

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

VERNON F. MEYER, PE

Vernon Meyer received his Bachelor of Science degree in Engineering from Iowa University in 1959. After graduation he moved to Louisiana, and worked in the engineering and surveying field until 1965 when he started private practice Meyer & Associates, Inc. (Engineering Firm) and Vernon F. Meyer & Associates, Inc. (Surveying Firm). Mr. Meyer has employed over 50 graduates of McNeese State University and Sowela Technical College during the company's tenure. Mr. Meyer attends First Baptist Church of Westlake where he serves as Chairman of the Vision Team for the newly built sanctuary which was relocated due to Sasol's expansion. Mr. Meyer is married to Carolyn Armes Meyer and they have 3 children, 11 grandchildren and 5 great grandchildren.

In December 2012, Mr. Meyer received an official Statement from Bobby Jindal for 52 years of licensure as a Professional Land Surveyor and a Professional Engineer with the Louisiana Professional Engineering and Land Surveying Board. Mr. Meyer is affiliated with several professional societies on a state and national level and he has also held various positions with the Consulting Engineers Council of Louisiana (CEC/L). In 1993 Mr. Meyer received the A.E. Wilder, Jr. award for outstanding service to the CEC/L.

In 2015, Mr. Meyer celebrated 50 years of business excellence. The Louisiana State Senate and House of Representatives acknowledged the golden anniversary of Meyer & Associates and declared resolution for fifty years working for both the public sector at all levels of government and the private sector. This effort was also acknowledged by the City of Lake Charles, the Calcasieu Parish Police Jury and other communities. In 2016, Mr. Meyer was presented with the Westlake Community Citizen of the Year Award, in honor of his work as the City Engineer for the City of Westlake for over 50 years. In 2017, this award became known as the Vernon Meyer Citizen of the Year Award.

For many years, Mr. Meyer has been a generous sponsor of the 4-H Club, a youth organization for suburban and urban youth to learn, grow and work together for positive change in the civic life of our communities. His involvement in the program promotes a quality of life in a community, through the eyes of the youth that he supports and brings an influx of "Thank You" notes.

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LES HONORS ENGINEERS



WALDEMAR S. NELSON PRESIDENT'S AWARD

The Waldemar S. Nelson President's Award will be given as conditions warrant, but not more than annually, for distinguished service to the Louisiana Engineering Society by an engineer member of the Society, who has provided outstanding service to the Society, in an unselfish manner and in keeping with the highest professional standards. The desire of the Society is not only to recognize the recipient, but to encourage and inspire others to take a greater part in the advancement of the Society and its service to mankind. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society since 1936. Unlike the other LES awards, the recipient of this award is not nominated and voted upon by the Honors and Awards Committee, but is chosen at the discretion of the immediate Past-President of LES.

CRAIG D. DOOLEY, PE

Craig D. Dooley has served in numerous leadership positions from 2010 to 2016 in the Louisiana Engineering Society (LES). From 2014 to 2015 he served as LES's President and was an active participant on the Legislative Committee. Locally, he has been an active participant in Mathcounts.

He has had a long experience in the work force. While still in high school, and continuing through college, Craig worked at USDA-ARS-SRRC and at the Sugar Processing Research Institute, Inc. He assisted in cotton research there, and co-authored six papers in the processing of cane and beet sugar.

In 1990, Craig earned his Bachelor of Science in Chemical Engineering from Tulane University, and he subsequently became a registered Professional Engineer. His licenses are current in both Louisiana and Mississippi.

He began his engineering career as an environmental specialist at CK Associates, Inc. Following that, he worked for over 26 years with the Lockheed Martin Space. Following the successful completion of the Space Shuttle program, he moved on from the Michoud Assembly Facility to work as a Senior Process Engineer at the John C. Stennis Space Center in Mississippi. He focuses there on precision cleaning, metal finishing, adhesive bonding, and the fabrication of thermal blankets for several different space vehicles.

In 2006, he led the New Orleans Chapter's endorsement of the Citizens for 1 Greater New Orleans' proposed Southeast Louisiana Flood Protection Authority Constitutional Amendment and in 2016, he led the legislation to clarify for certain military personnel to be certified as a licensed professional engineer (Act No. 616).

He is currently an active member of Grace Memorial Baptist Church, a beginning triathlete, a background actor, and shares his life with his wife, Sharon, two step-sons Christopher and Zachary Collins both Mechanical Engineer graduates, while residing in Slidell, Louisiana.



CHARLES M. KERR PUBLIC RELATIONS AWARD

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

ANN TRAPPEY, PE

Ann has served as the CEO/President of Forte and Tablada, Inc.(F&T), Consulting Engineers and Land Surveyors since 1993. Prior to working with F&T, Ann worked for eight (8) years for the Louisiana Department of Transportation and Development in the Planning, Computer Graphics and Road Design Sections.

As Chief Executive Officer, Mrs. Trappey has continued her work as a design engineer along with the tasks of managing a multi-disciplined consulting engineering, land surveying and advanced measurements firm. Mrs. Trappey's experience in the planning and designing of infrastructure improvements has been extensive. F&T presently maintains offices in Baton Rouge, Denham Springs and Shreveport, Louisiana. In addition to the 3 acquisitions made by F&T under Mrs. Trappey's leadership, the company has grown to nearly 100 technical staff strong.

Her volunteer roles include the Louisiana Good Roads Board, Louisiana Business & Technology Center Advisory Board, Baton Rouge Rotary Club Board (Club President-Elect), Foundation for EBR School System Board, BRSTEM Network Steering Committee, the Sustainable Transportation Advisory Committee (STAC) in EBR and Junior League of Baton Rouge Sustainer. Her past roles with the YMCA of the Capitol Area (Board Chair), Delta Gamma House Corporation (President), and the Girl Scouts Audubon Council (Board Chair) are among several of her past activities. She has served on numerous professional associations, Boards and committees with the Louisiana Engineering Society, Louisiana Engineering Foundation (President), American Society of Civil Engineers and the American Council of Engineering Companies (State President). She has served on the LSU College of Engineering (Chair) and Department of Civil and Environmental Engineering (LSU CEE) Advisory Councils.

As the Baton Rouge Area Chamber member and eventual Board Chair, she became heavily involved in transportation issues spurring her involvement in the CRISIS (Capitol Region Industry for Sustainable Infrastructure Solutions) Coalition and the recent Governor's Task Force for Transportation Infrastructure Investment. In that role, she traveled with the Task Force across the state advocating for increased revenue for transportation.

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LES HONORS ENGINEERS



DUDLEY HIXSON – BOBBY PRICE NATIONAL PROFESSIONAL ACHIEVEMENT AWARD

The Louisiana Engineering Society "National Professional Achievement" Award is named in honor of Thomas Dudley Hixson, P.E., P.L.S. (NSPE President 1993-1994) and Dr. Bobby Price, P.E., Ph.D. (NSPE president 2004-2005), two distinguished members of the society who served as presidents of LES and the National Society of Professional Engineers (NSPE).

The purpose of this award is not only to recognize the recipient's accomplishments and service to the engineering profession, but to encourage and inspire others to volunteer to service the Society and the Profession at the Chapter, State, Regional and National levels.

ALAN KROUSE, PE

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

He began his career at LADOTD in 1977 in the Road Design section. While in the Road Design section Alan worked on numerous projects including sections of US 61, US 90, and LA 15. Also, during his tenure in the Road Design section, Alan was the Assistant Urban System Coordinator and a Consultant Coordinator. Work in these assignments included managing projects in all the major metropolitan areas, all of I-49 in Shreveport, and sections of I-49 north of Alexandria. After eight years at LADOTD Alan left the Department and went to work in private practice. During his career in private practice he continued working as a road design engineer. Alan has also been involved with many projects designed for the Port of South Louisiana and the Port of Lake Providence. Alan has worked for Meyer and Associates, Shaw and owned his own firm. He presently is a Senior Staff Engineer with Buchart Horn, Inc. in Baton Rouge and has been with the firm since 2010.

Throughout his career, Alan has remained active in professional organizations. He has been a member of the La. Engineering Society for over twenty five years and has held every office at the local and state level. Alan served as State President in 2008-2009 and 2012-2013. He is a Fellow Member of the National Society of Professional Engineers, a member of ASCE and past president of the Louisiana Engineering Foundation. Alan has served on the NSPE PEPP committee the past four years and is currently the chairman of the committee. Additionally Alan has just begun his tenure serving as LES's representative to the NSPE's House of Delegates.

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

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



LIFETIME ACHIEVEMENT AWARD

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

ALI M. MUSTAPHA, PE

Ali M. Mustapha, P.E., F.NSPE, F.ASCE, is currently the Administrator for Caddo Levee District, a Louisiana State Agency in Shreveport. Prior to that, he served 24 years as the Assistant City Engineer responsible for the design and construction of Drainage and Flood Control improvement projects, Floodplain Management and Private Development for the Department of Engineering and Environmental Affairs for the city of Shreveport, Louisiana.

Mr. Mustapha has been a member of LES and NSPE since 1990. He was named Fellow member of NSPE in 2008 and Fellow member of ASCE in 2009. Ali has dedicated most of his time serving and protecting the engineering profession by holding leadership positions in LES, ASCE, and other professional, technical organizations and Boards. His leadership roles included:

- President of the Louisiana Engineering Society (2003-2004)
- Governor on Region 5 of the American Society of Civil Engineers - 3 years term (2014-2017) and was elected to serve a second 3 years term (2017-2020).
- President of the Louisiana Section of ASCE (2008-2009)
- Louisiana Professional Engineering and Land Surveying Board (LAPELS) - served 9 years and the Chairman of the Board in 2011-2012.
- Chairman of the Louisiana Tech's University Civil Engineering Advisory Board (2013-present)
- Vice Chairman of the Louisiana Tech's University Trenchless Technology Center Industrial Advisory Board (2015-present)
- Chairman of the Louisiana Engineering Selection Board for the State Facility Planning and Control Office (2009 to 2017)

Ali continues to serve on the LES Board of Directors as the Professional Engineers in Government Chairman. Also he is serving on the Bossier Parish Community College Engineering Program Advisory Board. He is a member of the Society of American Military Engineers (SAME) and Louisiana Floodplain Management Association (LEMA). Mr. Mustapha served on the Executive Committee for the Louisiana Section of ASCE's first Report Card for Louisiana's Infrastructure.

Ali's dedicated service to the profession earned him recognition and awards from NSPE, LES, Louisiana Section of ASCE and his Alma Mater, Louisiana Tech University. He was honored to receive numerous awards: LES's Leo M. Odom Award (2002), LES's Waldemar S. Nelson Award (2007), Shreveport's Chapter E. M. Freeman Award (1999 and 2005), NSPE's - Professional Engineer in Government Award Service in the U.S. in 2008, LA-Section of ASCE Lifetime Achievement Award (2015), Outstanding Civil Engineer Award (2011), Outstanding Government Civil Engineer (2000 and 2005), President's Medal Award (2001), Louisiana Tech's University Distinguished Civil Engineer Alumni (2007).

Ali is a registered Professional Engineer in Louisiana and Arkansas. He graduated with a bachelor's degree in Civil Engineering from Louisiana Tech University in 1985. Ali and his wife Darlene, native of Bossier City, live in Shreveport and have three adult professional children, Angela, Ryan and Sara.

LOUISIANA ENGINEERING FOUNDATION AWARDS



ENGINEERING FACULTY PROFESSIONALISM AWARD

The objectives of the Engineering Faculty Professionalism Award are to bring to the attention of all faculties those members who are licensed professional engineers at their university; to present registration in a positive light which should encourage faculty to work toward licensure and professionalism in the universities.

ALEX HAK-CHUL SHIN, Ph.D., P.E.

Dr. Alex H-C Shin is a tenured professor in the Department of Civil and Environmental Engineering at Southern University. He received his Ph.D. degree in the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign in 2000, and since then he has had several experiences working as an expert in the field of transportation, structure, and material engineering at Louisiana State University (LSU) as a joint faculty, at Jackson State University as an assistant professor, and at the California Department of Transportation (Caltrans) as a transportation engineer.

His research interests are resilient infrastructure rehabilitation and fortification using cutting edge knowledge of non-destructive evaluation; concrete mixtures containing sustainable materials, such as recycled PET fibers and supplementary cementitious materials; and computational modeling. For the last 17 years, Dr. Shin has developed 19 funded research projects sponsored by Army Research Office (ARO), Office of Naval Research (ONR), US Department of Transportation (DOT), Louisiana DOTD, Louisiana Board of Regents, and LTRC. Currently he is participating in a consortium of five universities to establish Tier I University Transportation Center (UTC) with a theme of REsearch on Concrete Applications for Sustainable Transportation (RE-CAST) with the grants totaling over \$3.5 million. The center supports Dr. Shin's research with \$361,942 until June 2018. Overall Dr. Shin has secured more than \$5.6 million research funding from federal, state, and university sources, out of which \$1.8 million has been attributed him as principal investigator. He has published 20 referred journal papers based on the research projects.

Dr. Shin served as the faculty advisor of the American Society of Civil Engineers (ASCE) student chapter at Southern University from 2008 to 2017. He organized Southern University Engineer's Week activity as the chair in 2014. He is a member of Accreditation Committee for Department and College since 2017. He is co-organizer of RECAST graduate student workshop on the Structural Health Monitoring of Transportation Infrastructure Facilities held in Rutgers University in June 2015. He is a committee member of ACI 325 (Concrete Pavement), and associate member of ACI 364 (Rehabilitation) and ACI 555 (Concrete with Recycled Materials). He received Summer Faculty Research Program (SFRP) fellowship through the ONR in 2015 and 2016.



ENGINEERING FACULTY PROFESSIONALISM AWARD

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Dimitrios Dermisis, Ph.D., P.E.

Dr. Dermisis was born and raised in Naousa, Greece. He earned his Bachelor of Science Civil Engineering degree from Aristotle University of Thessaloniki (Greece) in 2004 and his Master of Science and Doctor of Philosophy degrees from The University of Iowa in 2007 and 2012, respectively. He has been teaching at McNeese State University (MSU) as an Assistant Professor of Civil Engineering since 2012 and he has been a Program Coordinator of Civil Engineering over the last 3 years.

Dr. Dermisis has supervised various undergraduate research projects funded through the CITGO Petroleum Endowed Professorship and the Louisiana Sea Grant. These research studies have been selected to represent MSU at the University of Louisiana System's Academic Summit as well as the State of the Coast conference over the last years. He has also collaborated with the local industry and the Coalition to Restore Coastal Louisiana on research projects related to coastal erosion protection at Holly Beach, Cameron, Louisiana. He has been an active member of the American Society of Civil Engineers (ASCE) and he also serves as a reviewer for various journals and as a scientific editor for the Journal of Mountain Science.

Dr. Dermisis has been a faculty mentor of the student chapter of the ASCE. Under his mentorship, the MSU team participated in the 2016 National Concrete Canoe Competition in Tyler, Texas, and received the Spirit of the Competition Award. Dr. Dermisis has also received the O. C. Karkalits Faculty Excellence Award in 2016 as well as the Pinnacle Excellence Award in 2015. He was recently awarded the Louisiana Board of Regents eLearning Innovation Grant for developing educational tools through augmented reality with the collaboration of the McNeese Department of Visual Arts.

Dr. Dermisis and his civil engineering students have also volunteered on the CITGO Petroleum Corporation Caring for Our Coast initiative, with the planting of dune grass at Holly Beach. He has also volunteered in other community events such as the CITGO National STEM day, the Lego robotics competition and the National Engineers Week and he is currently seeking collaboration with Calcasieu Parish for investigating the impacts of floods in the local community.

LOUISIANA ENGINEERING FOUNDATION AWARDS



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MALAY GHOSE HAJRA, Ph.D., P.E.

Dr. Malay Ghose Hajra is an Associate Professor in the department of Civil and Environmental Engineering at the University of New Orleans (UNO) in Louisiana. Dr. Ghose Hajra received his doctoral degree from Kansas State University in 2001. He is a registered professional engineer in multiple states including Louisiana. Prior to joining the University, Dr. Ghose Hajra worked as project manager and senior Geotechnical engineer in multiple firms in Louisiana and Texas. At the University of New Orleans, Dr. Ghose Hajra teaches undergraduate and graduate level courses in Geotechnical and Foundation engineering, sustainability principles, as well as ocean and coastal engineering. He also teaches and serves as the program advisor for the online Graduate Coastal Engineering certificate program at UNO. His research interests include Geotechnical and Foundation Engineering, Coastal Geotechnics, Sustainability in construction, Energy Geotechnology, and Geo-environmental Engineering. Dr. Ghose Hajra has published several peer reviewed scholarly articles in journal and conference proceedings. Dr. Ghose Hajra also serves as the President of American Society of Civil Engineers (ASCE), Louisiana section during the 2017-2018 term. He is also the past chair of ASCE's Committee on Student Members (CSM).

VERNON F. MEYER, PE continued from page 16

Mr. Meyer has volunteered his time, skills, knowledge and enthusiasm to promote the quality of life in our southwest Louisiana communities. By building trusting relationships among individuals and groups around issues of common concern, drawing attention to, and creating awareness of local, state, national, and global issues, his efforts have positively impacted individuals, entities, and organizations to the common good of the community – he is a Leader.



ENGINEERING FACULTY PROFESSIONALISM AWARD

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MICHAEL SWANBOM, Ph.D., P.E.

Dr. Swanbom is a Senior Lecturer in Mechanical Engineering who also serves as the founding program chair of the Instrumentation and Control Systems Engineering Technology program at Louisiana Tech University. He erected this program in 2017 to address industrial workforce needs in competencies essential to manufacturing process automation. He is a highly respected engineering instructor, as evidenced by numerous teaching awards, including Louisiana Tech's F.J. Taylor Undergraduate Teaching Award.

Swanbom is active in Engineering Education research, and is a prolific developer of widely-available learning materials in the areas of Mechanics of Materials and Machine Element Design, as well as pre-collegiate education and outreach materials used by regional high school partners of Louisiana Tech. From 2012 until the present he has worked with these partners in his role as director of Louisiana Tech's intense CyberDiscovery camps, which aim to help high school students and teachers integrate the university-wide areas of learning required to develop good "Cyber Citizenship."

As a Professional Engineer in Louisiana since 2010, Dr. Swanbom views professional licensure as imperative to fostering and ensuring the ethics and competence that engineers have a duty to provide to the public. His heart for advancement of licensure in universities motivated him to serve as the President of the Monroe Chapter of the Louisiana Engineering Society (LES) in 2016-2017.

Dr. Swanbom values community engagement as the key to the preservation and enhancement of individual liberties and quality of life. He loves involvement in musical theatre, performing in 5 leading roles in the last few years, and now serving on the board of Ruston Community Theatre. His heart for engagement in University governance motivated him to serve as the President of the Louisiana Tech University Senate in 2014-2015, where he used that position to advocate for faculty interests such as freedom of speech for faculty on social media, effective instructor evaluation techniques, and retention of nationally-competitive faculty through analysis of salary data. On Sundays, Swanbom teaches 4 year olds at The Bridge Community Church in Ruston. He loves to spend time with his wife, Gwen (an avid equestrian), his daughter Evie (7), and his son David (3).

LOUISIANA ENGINEERING FOUNDATION AWARDS



ENGINEERING FACULTY PROFESSIONALISM AWARD

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TERRENCE L. CHAMBERS, Ph.D., P.E.

Dr. Chambers is the Donald and Janice Mosing BORSF Endowed Chair in Mechanical Engineering and the Director of the Energy Efficiency and Sustainable Energy (ESEE) Center at the University of Louisiana at Lafayette. His research interests include alternative energy, virtual reality, optimization and artificial intelligence. He is the author of over 60 publications and has been awarded roughly eight million dollars in externally funded research grants. Along with numerous grants from industry and state agencies, federal grants have been obtained from NSF, DOE, ED and NASA. He is a registered Professional Engineer in the state of Louisiana.

ANN TRAPPEY, PE continued from page 17

Ann has been honored by the Baton Rouge Business Report as a member of the Class of Top 40 under 40 and more recently as a Baton Rouge Woman of Achievement. Honored for her service by the Girl Scouts with the Honor Pin, the Thanks Pin and as a Woman of Distinction. Recognized by ACEC/L with the A.E. Wilder award and by BRAC with the D. Jensen Holliday Award. Her commitment to her College has also been recognized with the induction to both the LSU College of Engineering and the LSU CEE Department Halls of Distinction.

Ann married Fred Trappey, Ph.D. in 1982 and has 2 children, Francois (M.D.) a US Air Force Major, and Elise, (a December 2009 graduate from LSU CEE). Francois is married to Dominique Maietta, M.D. and Elise is married to Tennyson Madray who is a May 2010 graduate of LSU Petroleum Engineering working for Chevron. Ann has 2 grandchildren.



2018 VINCENT FORTE GRADUATE SCHOOL FELLOWSHIP

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

MARGARET GILER

Margaret Giler is a native New Orleanian, who is thrilled to return to Louisiana to pursue her doctoral degree in chemical engineering and a master's degree in biomedical sciences. After graduating from the University of Alabama with a double major in chemical engineering and mathematics, Margaret decided to return home to attend Tulane University.

In sixth grade Margaret was diagnosed with Type 1 Diabetes. Since the time of her diagnosis, she decided that she wanted to do something to help improve the lives of people affected with this disease. With that goal in mind, Margaret has started her graduate studies by working with mesenchymal stem cells, under Dr. Kim O'Connor, in order to give her first-hand experience with one of the most promising treatments of Diabetes. Once she earns her doctoral degree, Margaret intends to continue researching as part of her career, which she hopes will be within academia.

Despite the inevitable life changes created by Diabetes, Margaret has been committed to not allowing Diabetes to restrict her from pursuing activities that interest her. While in high school, Margaret ran on the cross-country team. To be successful, she had to learn the best practices to keep her blood sugar stable, and she had to be able to recognize when it was unsafe for her to participate because her blood sugar was either too high or too low. Since Margaret was able to overcome hardships and succeed on the team, she wanted to inspire others to overcome whatever difficulties they may experience in their lives. One way Margaret accomplished this is by coaching for the team of which she was once a part. Margaret currently serves as an assistant cross-country coach for her high school cross-country team. Working with these girls has further driven Margaret's desire to continue to work with students as a professor. She hopes to inspire future students to apply the skills they have towards issues that are most important to them.



John Bel Edwards

GOVERNOR

Proclamation

- WHEREAS,** engineers have served to improve the quality of life for our state, nation and world for thousands of years; and
- WHEREAS,** engineering designs have resulted in clean drinking water, air conditioning and heating, automobiles and highways, airplanes, computers and copiers, abundant utility supplies and most every other modern day convenience; and
- WHEREAS,** engineers are intricately tied to public safety; and
- WHEREAS,** the Louisiana Engineering Society (LES) was founded in 1898 by a group of New Orleans engineers and has been a member of the National Society of Professional Engineers (NSPE) since 1957; and
- WHEREAS,** the LES and NSPE focus on the engineers' responsibility to the public and their involvement in the community, particularly as related to licensing as a Professional Engineer; and
- WHEREAS,** registration as a Professional Engineer entails specific education, an internship, passing several qualification examinations and the written testimony of other Professional Engineers as to an individual's professional and ethical character; and
- WHEREAS,** more than 10,000 Professional Engineers are currently registered by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and are authorized to practice engineering.

NOW, THEREFORE, **I, John Bel Edwards,** Governor of the State of Louisiana, do hereby proclaim February 18-24, 2018 as

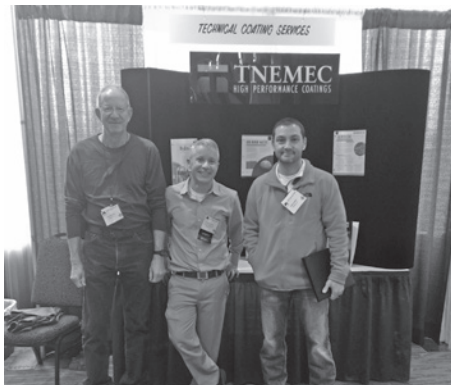
ENGINEERS WEEK
in the State of Louisiana.



*In Witness Whereof, I have hereunto set my hand
officially and caused to be affixed the Great Seal of the
State of Louisiana, at the Capitol, in the City of
Baton Rouge, on this 18th day of February
A.D., 2018.*


Governor of Louisiana

JESC Conference Highlights



THANKS TO OUR 2018 JESC EXHIBITORS & SPONSORS

LES would like to recognize the following companies for their support at the 22nd Joint Engineering Societies Conference held in Lafayette, LA

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Young Engineer By Luke Miller

"Calvin and Hobbes" by Bill Watterson is one of my favorite comic strips. In one strip, Calvin and Hobbes go exploring after a major snowfall and the conversation goes like this:

Calvin: Wow, it really snowed last night! Isn't it wonderful?

Hobbes: Everything familiar has disappeared! The world looks brand-new!

Calvin: A new year... A fresh, clean start!

Hobbes: It's like having a big white sheet of paper to draw on!

Calvin: A day full of possibilities! It's a magical world Hobbes, ol' buddy...Let's go exploring!

Engineering can be this way. The idea that each project is new, full of possibilities, and ready for us to explore. That, through the design process, we use established engineering principles to explore new and creative opportunities to solve unique situations that might arise. And, with each completed task, we leave our mark on the project. Ten years later and I still get excited about each new project. I have learned a lot since graduating college and my "engineering toolbox" has grown with each project and previous lesson learned. While college prepares engineers by teaching the basic engineering principles, it's the projects and the professionals we work with that truly expand our knowledge.

Whether you are an engineer fresh out of college or a seasoned professional, I encourage you to expand your engineering toolbox. Continue to learn from each project and the professionals that surround you. And remember, each new project provides the unique opportunity for you to leave a mark on the world. Go explore.



THE SPEC SHEET

Kurt M. Evans, PE, FITE, FACEC

American Council of Engineering Companies of Louisiana

The American Council of Engineering Companies (ACEC) represents thousands of companies and is the voice of the engineering industry in Washington, DC and throughout the nation. With roots dating back more than 100 years, ACEC is a federation of 52 state and regional councils representing more than 600,000 engineers, architects, land surveyors, and other specialists. Our primary mission is to strengthen the business environment for our member firms through government advocacy, political action, and business education.

ACEC of Louisiana (ACECL) is the 8th largest member organization in ACEC nationally and is comprised of 150 firms consisting of over 4000 individuals. As the 25th most populated state in the country, we are proud of our strong membership.

ACECL exists to protect, educate, and advance the business of consultant engineering in Louisiana while abiding by our core values of service, integrity, protection and assistance in industry, professionalism, and networking.

Did you know ACECL provides political advocacy to foster a positive business climate?

ACECL enhances organizational effectiveness in achieving legislative and public policy initiatives to the benefit of the engineering industry and member firms. We monitor the business and legislative climate and proactively work to improve the environment for members and the industry.

We also work with state legislators, the Governor, and department secretaries to prepare and support legislation which impacts infrastructure funding and improves the business climate of our profession.

ACECL helped pass and rigorously supports the enforcement of the Hammett Act, which prohibits Louisiana government agencies from using price as a factor in procuring "design professional services." ACECL was also instrumental in assisting in the writing and passage of the Construction Management at Risk (CMAR) delivery method of procuring engineering services on public projects.

Did you know ACECL provides industry advocacy to provide a strong voice for our profession?

ACECL works collaboratively and assertively with other professional member organizations involving architects, contractors, surveyors, and engineers to leverage resources.

Recognizing the need to update state agencies contract processing procedures, ACECL worked side-by-side with the DOTD on its process and is currently in talks for a similar partnership with CPRA.

Did you know ACECL provides Qualifications-Based Selection (QBS) procurement support to maximize the benefits to members, clients, and communities we serve?

One of the key missions of ACECL is to advocate on behalf of the industry for qualifications based selection (QBS) during procurement at all federal, state, and local government levels. ACECL is constantly providing education to government agencies regarding QBS laws, assisting public agencies with the adherence to QBS, and challenging violators of the QBS laws for procurement of engineering services for public projects.



Kurt M. Evans, PE, FITE, FACEC

Did you know ACECL provides member educational programs to improve business performance, develop leaders, and assist firms in meeting professional continuing education requirements?

ACECL is building programs, workshops, and business forums designed to help you run your business more efficiently. In our continuing efforts to add value to your membership in ACECL, we will be conducting a series of one-day business forums in Louisiana. The goal of these forums is to provide education and training for members on topics that include market development, operations management, and personnel management. Forum attendees will learn in-depth information about key issues and how they directly impact their firms. The forums will be organized by the Business Council, which is a new committee ACECL has formed. This program will demonstrate our measurable value to member firms as we help to grow their talent and thus financial success.

Did you know ACECL provides collaborative partnerships to provide networking opportunities and heighten the image of ACECL, as well as member firm promotion to enhance client awareness and elevate industry image?

One of our missions this year has been to enhance the brand of ACECL and create additional awareness of our accomplishments through an aggressive public relations committee. To supplement the ACECL quarterly newsletter and articles in the Louisiana Engineering and Surveyor Journal, we have started delivering a monthly President's Message, educating members and the public through social media, and are about to launch a member spotlight program.

Did you know ACECL provides membership value through cost saving benefits?

ACEC offers cost-effective insurance that includes health, dental, disability, and life insurance as well as business insurance, retirement plans, and professional liability insurance. ACEC can save your company money by leveraging the group purchasing power of more than 2,000 firms and 350,000 employees to give member companies lower insurance rates. For more information on the ACEC Trusts visit: <https://www.acec.org/trusts/>

In conclusion, I would like to express my deep appreciation to the hard working staff of ACECL, the seventeen Board of Governor members, Committee Chairs, and Committee Members all of whom provide the commitment and hard work to serve our membership. Please remember that this is your organization so if you have any questions, concerns, suggestions, or issues, please contact myself, our staff, or your Chapter President. We are here to serve you!

Linda J. Daly Memorial Scholarship



The Linda J. Daly Memorial Scholarship was recently established to honor the life of Linda Daly, P.E., who passed away on March 21, 2017 after a lengthy battle with cancer. Linda graduated with bachelor's and master's degrees from the University of New Orleans. After graduating, she worked with consulting engineering firms for several years before joining

the St. Bernard Public Works Department, where she was appointed Director of Public Works in 2008. Linda later joined Jefferson Parish Government as a program manager within their Sewerage Capital Improvement Program. In 2011, Linda became the director of the Jefferson Parish Sewerage Department and remained in that role until her untimely passing at the age of 57. Linda was a friend to many and her sharp wit and kind heart are greatly missed by all that knew her.

The Linda J. Daly Memorial Scholarship was established by Louisiana engineering community to recognize the contributions made by Linda to the civil engineering profession. The scholarship aims to honor Linda's legacy through a commitment to advancing engineering career opportunities for women. The scholarship will be awarded annually to a deserving female student studying civil or environmental engineering at the University of New Orleans (Linda's alma mater).

The scholarship will be administered by the Louisiana Engineering Foundation (LEF) through their Endowed Scholarship Program. To date, \$20,000.00 has been contributed to the endowment which will allow the scholarship to award a \$1,000.00 scholarship each year for perpetuity.

Special Thanks to our Current Endowment Sponsors:

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Additional contributions will allow LEF to increase the scholarship contract amount. Contributions to the Linda J. Daly Memorial Scholarship may be made through the Louisiana Engineering Foundation. Any questions about the scholarship may be directed to Davis Cole (hdcole@hdaviscole.com) or Adam Faschan (afaschan@ardurragroup.com).



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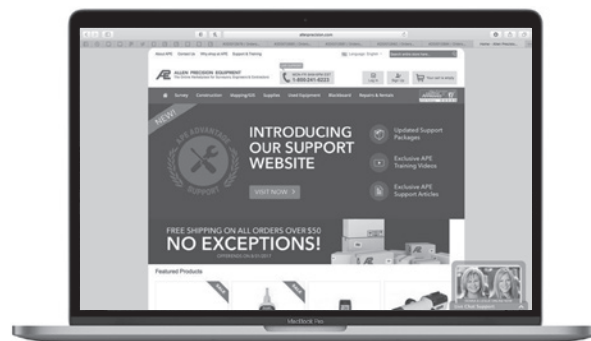


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The Louisiana Legislature convenes the 2018 Regular Session on March 12th and adjourns June 4th. The regular session is a non-fiscal session which means unlimited general subject legislation may be filed, but no fiscal matters raising revenue may be addressed. Governor John Bel Edwards and the Legislature are tasked with balancing a budget each session, but the task in 2018 will be considerably more difficult as Louisiana is facing a deficit of over \$1 billion for the 2018-2019 fiscal year when the temporary revenues passed previously expire June 30, 2018 (the majority of which is the temporary 5th penny of sales tax).

Good news this quarter is that tax revenues have outpaced estimates and on Thursday, December 14th, the State Revenue Estimating Conference projected a \$153 Million Surplus for the current State Fiscal Year, and projected a \$234 Million increase in the forecast for next year's Louisiana State Revenue. This is in addition to the \$120 Million Surplus left over from last State Fiscal Year. This is the first time in many years the state has not had to make mid-year budget cuts, and is a further sign of the economic improvement and sound fiscal management from the legislature and the current administration. All of this is good news for the outlook for next year's Capital Outlay Bond Capacity. Any improvement in State Revenue will have a positive impact State Capital Outlay Bond Capacity.

Governor John Bel Edwards has presented an outline of potential budget solutions to replace the expiring taxes and more details are expected to be presented during the month of January. The Governor has yet to receive the needed level of support on his proposal from Louisiana House Republicans, and to this point, no alternative proposals have been offered. The Governor has publically expressed his desire to call a special fiscal session mid-February to address the upcoming shortfall, but has indicated he would only do so if he can get the House Republicans to agree in principle to a solution. If a special session in February is either not called or is called and the needed revenue is not raised, it will necessitate a special session in June prior to a budget being due June 30th.

The general session that starts March 12th may bring policy discussions that impact the engineering profession, though we have not heard of anything specific that has caused us concern. As always Haynie and Associates will read every bill and report back to the LES Legislative Committee any legislation or regulations that are being proposed for review and action.

No revenue raising measures will be allowed during the general session, which greatly limits any transportation infrastructure funding opportunities. The special session or sessions which will allow revenue bills will primarily be focused on the state budget deficit, so it is a low likelihood that we will see significant attempts at raising statewide

transportation and infrastructure dollars in 2018. New discussions have arose about a Constitutional Amendment being offered during the 2018 general session allowing local voters to approve fuel taxes in their own parish or multi parish regions. The exact details and strategy is still being discussed, primarily being led by legislators and interests in the Baton Rouge region.

The 2019 CRPA Master Plan is currently in review and public comment phase and can be found at Coastal.la.gov. Much work is taking place in Congress to ensure the states GOMESA dollars are protected and maximized.

As always we suggest you take this time when legislators are not in session to reach out to them, simply offer them a cup of coffee or a sandwich, get to know them and let them know what you do and discuss the LES mission. It is always best to form relationships in good times that way if we need you to call on them during a session the relationship is already built. Haynie and Associates is on standby to help connect you to a legislator and always working to strengthen LES's reputation and standing at the Louisiana State Capitol.



(Pictured Ryan Haynie and Randy Haynie)



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