

LOUISIANA Engineer & Surveyor JOURNAL

AUGUST 2023 - Vol. 26 No. 3

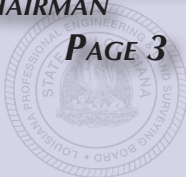


Edgar P. Benoit, PE, F. NSPE
LAPELS Chairman
2023

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LETTER FROM THE CHAIRMAN



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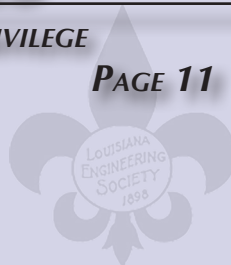
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AMERICAN COUNCIL OF ENGINEERING COMPANIES

LES

PRESIDENTIAL PRIVILEGE

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Louisiana Engineering Society

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

Phone: (225) 924-2021

E-mail: les@les-state.org | Website: <http://www.les-state.org>



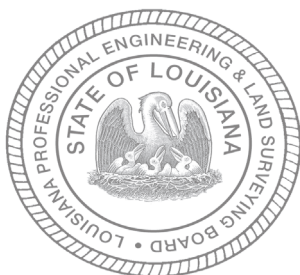
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American Council of Engineering Companies of Louisiana

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

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

E-mail: acecl@acecl.org



Louisiana Professional Engineering and Land Surveying Board

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

Phone: (225) 925-6291 | Fax: (225) 925-6227

Website: www.lapels.com



LOUISIANA ENGINEER AND SURVEYOR JOURNAL

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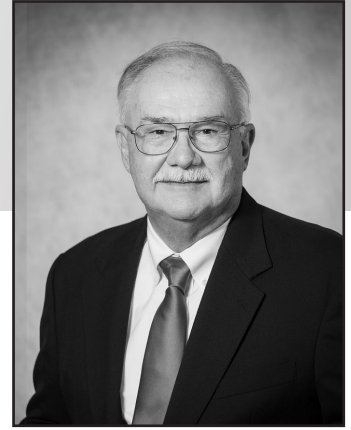
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The Louisiana Engineering Society, the Louisiana Professional Engineering and Land Surveying Board, and the American Council of Engineering Companies of Louisiana do not guarantee the accuracy of statements made or necessarily concur with opinions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

MESSAGE FROM THE CHAIRMAN

EDGAR P. BENOIT, PE, F. NSPE
CHAIRMAN, LAPELS



Edgar P. Benoit, PE, F. NSPE
Chairman, LAPELS

I began my engineering career with a slide rule and climbed the technology ladder to a TI calculator, an HP calculator, a mainframe computer, and a laptop computer. And now at age 75, I have to have my daughter arrange my schedule to get on a ride at Disney World, and my granddaughter to help me with using Facetime on my cellphone.

I may not be the best person to write an article on Artificial Intelligence (AI). I think I will write one anyway. You young whippersnappers tell me the parts that are incorrect. I think, however, it is time to have this conversation.

There is a worldwide discussion of AI and its benefits and dangers to the public. I was in a boring Zoom meeting and began thinking, why not have a PE stamp an AI program, install the guardrails (Don't kill humans!), and be responsible for periodic reviews? Wouldn't a professional engineer be the best answer to combining technical knowledge with ethics to produce results for the safety of the public?

I spoke to an engineer, Leo Holzenthal Jr., PE, recently about my idea and he politely told me I didn't know what I was talking about. He said most of the AI programmers don't have a degree and the algorithms keep changing. He also told me he recently hired programmers to develop and use AI to do engineering projects because engineers are in short supply and computers can produce plans faster.

So maybe I should have stopped at this point, but I'm not going to stop. I did some research and will focus this article on using AI in engineering and safety to the public.

I read 11 articles on AI and found an article from ScienceDirect entitled, "Impact of Artificial Intelligence on Engineering: Past, Present and Future" to be most useful for quotations. For example, "In recent years, there has been an increased application of AI tools to the engineering domains."

In my research, I found many different definitions of AI, but none very useful. The three evolutionary stages of AI I found in the ScienceDirect article, I believe are helpful to understand AI.

- "Stage 1 – Artificial narrow intelligence (ANI): This is a weak form of AI... Facebook's facial recognition and route optimizer in Google map application are some examples of ANI." This stage is in use today.
- "Stage 2 – Artificial General Intelligence (AGI): ...AGI will be able to reason, plan and solve problems in a broader context." The 2021 reference article I am using has future dates forecasted for this stage to become operational. I suspect the forecast to be as accurate as the weather predictions.
- "Stage 3 – Artificial Super Intelligence (ASI): ... ASIs are designed to have a level of intelligence that is much higher than humans' cognitive performance in almost all domains." Again, operational sometime in the future.

What makes AI different than other technological advances? "According to Max Tegmark's Theory, AI is the biggest threat faced by the human race. A similar view is held by Elon Musk, the founder of SpaceX and co-founder of OpenAI, who said AI may become very dangerous. If we could keep ASIs under human control, it could be the last man-made invention and the rest of things could be invented by ASIs." Again, maybe I should stop here and just go take a nap, but I'm not stopping.

Maybe I will just focus on AI in engineering. The ScienceDirect article addresses Stage 1 ANI use of AI in engineering. "In mechanical engineering, AI is used in multiple areas, such as fracture mechanics, predictive maintenance, and many more... The increasing use of sensors in machines has resulted in huge amounts of data available regarding the state of machines."

MESSAGE FROM THE CHAIRMAN (CONTINUED)

"AI is used in several allied civil engineering fields, involving applications related to modeling complex tasks as well as determining the design parameters. Technologies including pattern recognition, machine learning, and deep learning are used in structural engineering. In construction management, AI is being used to monitor the health of building structure by utilizing the data collected from sensors embedded within buildings. Solid waste management is a process influenced by many non-linear parameters." In electrical engineering, "AI techniques can be used in control engineering to improve control strategies and to have plant-wide control... Engineering problems related to power systems, which are otherwise not solvable by conventional techniques, are being solved using AI techniques."

As a member of the LAPELS Board, how will engineering boards deal with the ethics and psychological impacts of AI? There can be AI bias. "Usually, an AI algorithm relies on training datasets. Any biases in these training datasets could, in turn, cause bias in the decisions made by the AI algorithm."

There can be psychological impacts. "For example, a sudden introduction of AI could cause difficulty of current engineers to adapt to the technology and the new generation of engineers to over-rely on the use of AI."

My biggest concern is the responsibility gap. "When AI is used for decision-making, it is not easy to decide who should be held responsible for the decision taken by the AI-based system. Is the AI system responsible for the decision it makes?" Engineers, are you ready to stamp the AI's designs? I'll stop now. FYI, I did not use AI to write this article.



LAPELS Chairman, Edgar P. Benoit, PE, F. NSPE, and LAPELS Executive Director, Donna Sentell, present past board members, Chad C. Vosburg, PE and Chris K. Richard, PE, with plaques in appreciation of their service to the board.

ENFORCEMENT REPORT

CHRIS AARON
BOARD INVESTIGATOR



Chris Aaron
Board Investigator

OFFER AND/OR PRACTICE OF ENGINEERING OR LAND SURVEYING WITH AN EXPIRED LICENSE:

Spec, L.L.C., a professional engineering firm (EF-4121) and professional land surveying firm (VF-668), was subject to disciplinary action by the Board for practicing and/or offering to practice engineering with an expired license in violation of La. R.S.

37:698(A)(9) and (16). The firm's professional engineering firm license was in an expired status from October 1, 2021 through March 7, 2022, and its professional land surveying firm license has been in an expired status since October 1, 2015. Between October 1, 2021 through March 7, 2022 the firm admittedly offered to provide engineering services in Louisiana and provided engineering services on at least eight projects in Louisiana. 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 \$500; to pay administrative costs of \$384.29; to have each of its engineering supervising professionals successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz; to the immediate suspension of its engineering 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.

EDS Inc., a professional engineering firm (EF-6133), was subject to disciplinary action by the Board for practicing and/or offering to practice engineering with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from October 1, 2021 through April 3, 2022 and during this time period it admittedly offered to provide engineering services in Louisiana and provided engineering services on 28 projects in Louisiana. 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 \$500; to pay administrative costs of \$564.76; to have each of its supervising professionals successfully complete the Board's online Louisiana Laws and Rules Quiz

and Louisiana Professionalism and Ethics Quiz; to the immediate suspension of its 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.

EGen, LLC, a licensed professional engineering firm (EF-6024), was subject to disciplinary action by the Board for a supervising professional practicing engineering while the Supervising Professional's engineering license was in expired status on behalf of the firm in violation of La. R.S. 37:698(C) and La. R.S. 37:698(A)(6). EGen, LLC has entered into a Consent Order with the Board, wherein it admitted to the referenced violations of La. R.S. 37:698(C) and La. R.S. 37:698(A)(6) and agreed to pay a fine of \$1,000; to pay administrative costs of \$310.91; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter in this publication, and the reporting of this matter to NCEES, each time identifying Respondent by name.

Adam D. Rinehart, P.E., a professional engineer (PE-37690), was subject to disciplinary action by the Board for providing engineering services while his engineering license was in expired status in violation of La. R.S. 37:698(A)(9) and (16). Mr. Rinehart entered into a Consent Order with the Board, agreed to pay a fine of \$1,000; to pay administrative costs of \$310.91; to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz with a score of 90% or higher on each; and to the publication of the Consent Order on the Board's website, and the printing of a summary of this matter in the Board's official Journal, and to the reporting of this matter to NCEES, each time identifying Respondent by name.

Jonathan P. Miller, P.E., a professional engineer (PE-41425), was subject to disciplinary action by the Board for providing engineering services in Louisiana while his Louisiana professional engineering license was expired in violation of La. R.S. 37:698(A)(9) and (16). Mr. Miller entered into a Consent Order with the Board, admitting guilt that his conduct violated La. R.S. 37:698(A)(9) and (16); and agreed to pay a fine of \$1,000 and administrative costs of \$180.45; and agreed to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz with a score of 90% or higher on each; and agreed to the publication of the Consent Order on the Board's website, the printing of a summary of this matter in the Board's official Journal, and to the reporting of this matter to NCEES, each time identifying Respondent by name.

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

Robert W. Potier, P.E., a professional engineer (PE-34763), was subject to disciplinary action by the Board for aiding or assisting another person in violating the laws and/or rules of the Board in violation of La. R.S. 37:698(A)(12). Between October 1, 2021 and March 7, 2022 (a) Spec, L.L.C. (a professional engineering and professional land surveying firm whose professional engineering firm license was in an expired status) admittedly offered to provide engineering services in at least eight projects in Louisiana and (b) Mr. Potier provided engineering services for and on behalf of the firm in Louisiana in connection with said projects. Mr. Potier was an employee, manager, member, representative and the supervising professional of the firm. Mr. Potier has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$500; to pay administrative costs of \$384.29; to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz; to the immediate suspension of his license if he fails to comply with any portion of the Consent Order, with said suspension continuing until he 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.

Raul E. Valdes, P.E., a professional engineer (PE-36832), was subject to disciplinary action by the Board for aiding or assisting another person in violating the laws and/or rules of the Board in violation of La. R.S. 37:698(A)(12). Between October 1, 2021 and April 3, 2022 (a) EDS Inc. (a professional engineering firm whose license was in an expired status) admittedly offered to provide engineering services in Louisiana and provided engineering services on 28 projects in Louisiana and (b) Mr. Valdes provided engineering services for and on behalf of the firm in Louisiana in connection with said projects. Mr. Valdes was an employee, President, representative and the supervising professional of the firm. Mr. Valdes has entered into a Consent Order with the Board, wherein he admitted to the referenced violations of the above laws/rules and agreed to pay a fine of \$500; to pay administrative costs of \$564.76; to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz; to the immediate suspension of his license if he fails to comply with any portion of the Consent Order, with said suspension continuing until he 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.

LICENSURE RENEWAL APPLICATION VIOLATIONS:

Jack E. Evans, P.E., a professional engineer (PE-42558), was subject to disciplinary action by the Board for making a false statement in applying for a license with the Board in violation of La. R.S. 37:698(A)(1) and La. R.S. 37:698(A)(12). In January 2008 the West Virginia State Board of Registration for Professional Engineers took disciplinary action against Prater Engineering Associates, Inc. for practicing engineering with a certificate of authorization in inactive status. On or about May 4, 2022, Mr. Evans submitted to the Board an engineering firm application for Prater Engineering Associates, Inc., falsely representing thereon that the firm had not been subject to disciplinary action by the licensing authority in another jurisdiction. Mr. Evans entered into a Consent Order with the Board, agreed to pay a fine of \$1,000; to pay administrative costs of \$181.55; to successfully complete the Board's online Louisiana Laws and Rules Quiz and Louisiana Professionalism and Ethics Quiz with a score of 90% or higher on each; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter in the Board's official Journal, and the reporting of this matter to NCEES, each time identifying Respondent by name.

Prater Engineering Associates, Inc., a licensed professional engineering firm (EF-334), was subject to disciplinary action by the Board for making a false statement in applying for a license with the Board in violation of La. R.S. 37:700(A)(3). In January 2008 the West Virginia State Board of Registration for Professional Engineers took disciplinary action against Respondent for practicing engineering with a certificate of authorization in inactive status. On or about May 4, 2022 Prater Engineering Associates, Inc. submitted to the Board its professional engineering firm license application, confirming thereon that (a) it had not been subject to disciplinary action by the licensing authority in another jurisdiction, (b) all information provided in its renewal 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 misstatement, perjury or the giving of false or forged evidence under the Board's licensure law. Prater Engineering Associates, Inc. has entered into a Consent Order with the Board, wherein it admitted to the referenced violations of La R.S. 37:700(A)(3) and agreed to pay a fine of \$750; to pay administrative costs of \$181.55; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by in this publication, and the reporting of this matter to NCEES, all identifying Respondent by name.

LAND SURVEYOR INTERNS

Cheramie, Russell, LSI
Hayes, Blaze, LSI
Heft, William, LSI
Hollier, Brock, LSI
Labbie, Bryant, LSI
Matherne, Logan, LSI
Tate-Goff, Caleb, LSI
Ward, Jared, LSI

SURVEYING FIRMS

BBGeomatics LLC
Datapoint Surveying and Mapping II, LLC
DRMP, Inc.
Gonzalez-Strength & Associates, Inc.
M2C Geomatics and Design, PLLC
Magnolia Land Surveying, LLC
Manchac Consulting Group, Inc.
PPMP, LLC
UP Engineering, LLC

ENGINEER INTERNS

Abdelmajeed, Imad, EI
Al-Busaidi, Bil Arab, EI
Anderson, David, EI
Aydell, Cole, EI
Bagwell, Maggie, EI
Barbosa Resende, Carolina, EI
Biggers, Andrew, EI
Blanchard, Carson, EI
Bostick, Andie, EI
Bourg, Leah, EI
Bourque, Hunter, EI
Brock, Sean, EI
Buchert, Anne, EI
Burdett, Madison, EI
Christiansen, Arnold, EI
Coco, Spencer, EI
Collier, Gabriel, EI
Cormier, Stephen, EI
Crosby, Henry, EI
Dalton, Aaron, EI
Derouselle, Caleb, EI
Dodd, Chandler, EI
Ferguson, Ethan, EI
Fontenot, Brady, EI
Forester, Peyton, EI
Fournier, Brandon, EI
Guerin, Eric, EI
Guidry, Jordan, EI
Harris, Cody, EI
Hatty, Joel, EI
Hebert, Hunter, EI
Hill, Zachary, EI
Holloway, Blaine, EI
Jackson, Barry, EI
Johnson, Logan, EI

Kafkallides, Andreas, EI
Kane, Sarah, EI
Kelly, Sabrina, EI
Kirtikar, Amiel, EI
Koomson, Tevin, EI
Kospelich, Michael, EI
LaBove, Daniel, EI
Lamb, Alexander, EI
LeBlanc, Jean-Paul, EI
Lurette, Benjamin, EI
Lissard, Mary, EI
Littles, Kelsie, EI
Liu, Jun, EI

Loup, Justin, EI
Lowe, Mark, EI
Lucia, Briggs, EI
Lunsford, Cameron, EI
Macaluso, Mason, EI
Mansour, Elise, EI
Marlar, Michael, EI
McCall, Henry, EI
McCarty, Thomas, EI
Metcalf, Austin, EI
Milhet, Hannah, EI
Miller, Carolina, EI
Miller, Kajun, EI
Moreau, Jacob, EI
Moyer, Connor, EI
Naritoku, Wade, EI
Nguyen, Austin, EI
Nguyen, Dang, EI
Nunez, Karlee, EI
Perez Cedenio, Yelitza, EI
Perez, Russell, EI
Pozniak, Ann, EI
Raja, Umar, EI
Richard, Jacob, EI
Riddick, Michael, EI
Rigol, Carson, EI
Ross, Tanner, EI
Roussel, Christopher, EI
Ruby, Noah, EI
Rullman, Luke, EI
Sadiq, Muhammad Rehan, EI
Sathiraju, Venkata, EI
Schmid, David, EI
Severio, Jordan, EI
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Wismans, Jacob, EI
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PROFESSIONAL ENGINEERS

Abdalla, Medhat, PE
Afaneh, Mustafa, PE
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Akl, Ahmad, PE
Alvarez, Cruz, PE
Ange, John, PE
Antolick, Glenn, PE
Ardeschna, Nikhil, PE
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Backer, James, PE
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Bailey, Travis, PE
Ballinas, Carlos, PE
Bass, Travis, PE
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Behtash, Peyman, PE
Benitez, Aldo, PE
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DeBree, Peter, PE
Dedeurwaerder, Christian, PE
Deibert, Thomas, PE
Dencausse, Chelsea, PE
Detwiler, Daniel, PE
Deuson, Alexander, PE
DiGiacobbe, Paul, PE
Do, Kevin, PE
Do, Trung, PE
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Dominguez, Stephen, PE
Douglass, Rachel, PE
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Duncan, Neel, PE
Dupuy, Nicholas, PE
Edward, David, PE
Edwards, Joseph, PE
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Fabian, David, PE
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Finke, Douglas, PE
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Joyce, Joshua, PE
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Kangari, Amir, PE
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Keisling, Shelton, PE
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Kelly, Peter, PE
Key, Anthony, PE
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Kharel, Rehal, PE
Kiger, Hannah, PE
Kingery, Robert, PE
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Kolla, Avinash, PE
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Laing, Brian, PE
Lamaafi, Khalid, PE
Lamb, Sean, PE
Landen, Nicholas, PE
Langfeldt, Austin, PE
LaVere, Joseph, PE
Leco, Vincent, PE

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Lee, Alistair, PE
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 Thiruvengadathan, Kasturi, PE
 Thomsen, Travis, PE
 Tibo, Mark, PE
 Timmerman, Andrew, PE

Tisdale, Jacob, PE
 Tribou, Joanne, PE
 Troendle, Shane, PE
 Tyrol, Mark, PE
 Udoetok, Etim, PE
 Van Hoof, Matthew, PE
 Vince, Patrick, PE
 Wagner, Kyle, PE
 Wahlen, Joshua, PE
 Walsh, David, PE
 Walther, Michael, PE
 Warner, Alejandro, PE
 Warner, Charles, PE
 Wascom, William, PE
 Watford, David, PE
 Weatherly, Collin, PE
 Wells, Randy, PE
 Wesnor, James, PE
 Wheeler, Korey, PE
 Wisniewski, Anthony, PE
 Wohlscheid, Steven, PE
 Worley, Tracy, PE
 Yadav, Dilip, PE
 Yusz-Meyner, Veronica, PE
 Zamiran, Siavash, PE

ENGINEERING FIRMS

Anbessaw Consulting, Inc.
 B E Structural, PC, Inc.
 Bar-Worx, LLC
 BBGeomatics, LLC
 BEST Forensic Engineering, LLC
 Blackfin Offshore Operating, LLC
 Blade Energy Partners Ltd.
 Blish Engineering, LLC
 Brightcon, LLC
 Dixon Engineering, Inc.
 DreamMatrix Engineering, LLC
 Exceed Engineering, LLC
 Fisher Associates Engineering, Inc.
 G&K Engineering, LLC
 Haley & Aldrich, Inc.
 Haley Ward, Inc.
 HT Engineering, Inc.
 Hydrometrics, Inc.
 Industrialized Construction Solutions, Inc.
 Innovative Engineering Services, LLC
 Isomer Project Group, LLC
 K&A Engineering Consulting, P.C.
 Kahuna USA, LLC
 KCorp Reliance Company, Inc.
 Kopeak Engineering, PLLC
 Melqart, Inc.
 Metal Engineers, LLC
 New Line Skateparks FL, Inc.
 NOLA ECS, LLC
 Pinnacle Engineering, Inc. of Minnesota

Professional Engineering and Inspections, LLC
 Purcell Electrical Professional Corporation
 R.R.P. Consulting Engineers, L.L.C.
 Rainwater Electrical Engineering, PLLC
 Real Performance Machinery LLC
 Revamp Engineering, Inc.
 Robinson Mechanical Contractors, Inc.
 Siefert Associates, LLC
 Silverscreen Engineers, Inc.
 Smith Engineering Group, L.L.C.
 Southern Women Engineering Equitable Technologies, LLC
 Sovereign's Engineering & Surveying Holdings, Inc.
 SSI Consulting, LLC
 Techserv Consulting and Training Ltd, LLP
 Tempest Utility Consulting, LLC
 Terry Engineering Consulting, LLC
 Texas Sports & Civil Engineering, LLC
 The Engenuity, LLC
 The Woods Hole Group, Inc.
 TLK Engineering, LLC
 Triangle Engineering, LLC
 TriCore Group, LLC
 Ulteig Operations, LLC
 UP Engineering, LLC
 urban-gro Engineering, Inc.
 VE Associates, LLC
 Waltman's Retail Design Group, LLC
 Ware Malcomb, Inc.
 Watford Engineering, Inc.
 Weatherproofing Technologies, Inc.
 Wohlscheid Civil Engineering, PLLC
 Wolf Engineering, LLC of Georgia

CHAPTER 31 UPDATE

DONNA SENTELL
EXECUTIVE DIRECTOR

LAPELS staff members continue to field many questions from our licensees concerning revisions to Chapter 31 of the rules – Continuing Professional Development (CPD).

In July 2016, revisions to Chapter 31 were published, which indicated that effective **January 1, 2017**, all licensees in active status must obtain the requisite CPD hours every calendar year, January – December.

Here's a short outline of those changes:

- An engineer must earn 15 CPD hours each calendar year in engineering-related activities which must include 1 hour of professional ethics.
- A surveyor must earn 8 CPD hours each calendar year in surveying-related activities which must include 1 hour of professional ethics and 1 hour in the standards of practice for boundary surveys in Louisiana.
- A dual licensee must earn 15 CPD hours each calendar year which must include 5 hours of related activities for each profession, 1 hour of professional ethics, and 1 hour in the standards of practice for boundary surveys in Louisiana.
- In the event you earn more than 15 CPD hours for engineers and 8 CPD hours for surveyors, you may carry over up to 7 excess hours to the next calendar year.
- You cannot earn more than 8 hours in a calendar day.

Since January 2017, the board has clarified and made several minor revisions to Chapter 31, which include revisions to the sections referenced below. You can access a copy of the rules on the LAPELS website and Chapter 31 is only four and half pages long. It's an easy read and a good document to keep with your CPD logs and certificates.

- 3105 – Requirements
- 3107 – Repealed - Reciprocity/Out-of-Jurisdiction Resident
- 3109 – Exemptions
- 3115 – Record Keeping
- 3117 – Audits and Review of Records
- 3119 – Failure to Comply
- 3121 – CPD Reactivation

If you have questions about Chapter 31, or any of the referenced rule revisions, please send us an email to comments@lapels.com



Donna Sentell
Executive Director, LAPELS

LAPELS

Board Members

Edgar P. Benoit, PE
Chairman

Wilfred J. Fontenot, PLS
Vice Chairman

Connie P. Betts, PE
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Reginald L. Jeter, PE
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Linda H. Bergeron, PE

Byron D. Racca, PE

James H. Chustz, PLS

Janice P. Williams, PE

Vijaya Gopu, Ph.D, PE

Gordon E. Nelson, PE

John J. Plaisance, PE, PLS

www.lapels.com

Board Staff

Donna D. Sentell
Executive Director

Cheron Seaman
Deputy Executive Director

CONGRATULATIONS TO THE 2023-2024 ACEC/L BOARD OF GOVERNORS

ACEC/L is excited to announce its Board of Governors for 2023-2024. Leading the Board this year will be Chair Nathan J. Junius, P.E., PLS, with Linfield Hunter & Junius, Inc. of Metairie. It has been eight years since an ACEC/L Chair has led the organization through the transition of a new Governor. Wasting little time, Nathan has prioritized developing ACEC/L's relationships with both a new Governor's Office and their selected cabinet-level leadership. Establishing collaborative partnerships with state agencies has proven fundamental to ACEC/L's success in advocating for policy solutions that build a better business environment for the engineering industry here in Louisiana.

EXECUTIVE COMMITTEE

Chairman

Nathan J. Junius, P.E., PLS
(Linfield Hunter & Junius, Inc.)

Chairman-Elect

Chad M. Poche, P.E.
(Gulf South Engineering & Testing, Inc.)

Vice-Chairman

Sherri LeBas, P.E.
(GEC, Inc.)

Secretary-Treasurer

Brett P. Bayard, P.E., PLS
(Mader Engineering, Inc.)

National Director

Michael J. Thomassie, P.E.
(Duplant Design Group, PC)

MEMBERS AT-LARGE

Colby J. Guidry, P.E.

(Huval & Associates, Inc.)

Byron Racca, P.E.

(Meyer & Associates, Inc.)

Michael Pugh, P.E.

(Royal Engineers & Consultants)

Don R. Arrington, P.E.

(S.E. Huey Company)

Brin Ferlito, P.E., PTOE

(Vectura Consulting Services, LLC)

Robert Delaune, P.E.

(Digital Engineering & Imaging, Inc.)

CHAPTER PRESIDENTS

Baton Rouge Chapter President

Kimberly McDaniel, P.E., PTOE
(Intelligent Transportation Systems)

New Orleans Chapter President

Brian E. Moldaner, P.E., MBA
(T. Baker Smith)

Lafayette Chapter President

David B. Stelly, P.E.
(Associated Design Group)

Shreveport Chapter President

Jordan M. Pearson, P.E.
(Forte & Tablada)

Lake Charles Chapter President

Butch Babineaux, P.E.
(C.H. Fenstermaker & Associates, Inc.)

ACEC OF LOUISIANA AFFILIATE MEMBERS

ACEC Business Insurance Trust
ACEC Life/Health Insurance Trust
Advanced Drainage Systems, Inc.
BAR Environmental
Benefits One, LLC
BFM Corporation, LLC
BRAYN Consulting, LLC
Breazeale, Sachse & Wilson, LLP
Brown & Brown of Louisiana
Cadence Insurance
Cycle Construction
CxA Services, LLC
Durable Piling Restoration, LLC
ELOS Environmental, LLC
Environmental Technical Sales, Inc.
Foley & Judell, LLP
Galloway Johnson Tompkins Burr & Smith, LLP
Gulf South Technology Solutions
Hannis T. Bourgeois, LLP
Headlight
HUB International
Industrial Fabrics, Inc.
Keogh, Cox & Wilson
Lord & Winter
Quality Sitework Materials, Inc.

SAVE THE DATE

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Louisiana

2023

FALL CONFERENCE

NOVEMBER 13, 2023
BATON ROUGE MARRIOTT
8:00am – 5:00pm

PRESIDENTIAL PRIVILEGE

JAMES "JIM" ELLINGBURG, PE
LES PRESIDENT

I consider it the utmost honor and privilege to serve as the President of the Louisiana Engineering Society for the coming year. I wish to convey my sincere appreciation for the willingness of the other Board Members to serve our profession with respect and diligence. Over the past several years, our Society has withstood attacks against our licensure law and led the discussion with the Architecture Licensing Board to define Incidental Practice, while also providing our members with Continuing Education opportunities and promoting the profession through public events such as Mathcounts.

As we read at every LES Board Meeting, the Vision and Mission Statements best convey my thoughts on why it is important to be a member and involved in LES:

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.

In order to be effective in carrying out the Vision and Mission of LES, we need our members to be engaged in recruiting new members and involved in our local chapters. I would encourage each of you to let your colleagues know about the importance of being a member of LES and take them to a local Chapter meeting. Attendance at the Chapter meetings is a great stepping stone for greater involvement in LES.

If you are reading this magazine and are not a member of LES, why? Some may think that membership to LES is automatic if

you are a licensed engineer or engineer intern. This publication is delivered to all Louisiana Professional Engineering & Surveying Board licensees, totaling over 13,000 individuals. Of the approximately 8,700 Louisiana resident registrants, less than one-quarter are members of LES. For many years, the Louisiana Engineering Society has diligently fought for legislation that would benefit our profession and against legislation that would weaken it. The larger our membership is, the greater our collective voice will become. With a greater collective voice, LES will have a significantly improved chance of affecting positive changes. If you are not currently a member of LES, I encourage you to reflect on the benefits you are receiving from LES's efforts. I think you will find that your support through membership is warranted.

As we progress through the coming year, I would also like to encourage our members and anyone who is thinking about becoming a member to attend one of our Continuing Professional Development opportunities. From ADA and Life Safety seminars to the Joint Engineering Societies Conference, LES offers several opportunities for you to fulfill your annual CPD requirements. If you have any ideas on how to make these CPD opportunities more beneficial to your discipline of engineering, please reach out to the Conference Committee Chairman, Luke Miller, or our Executive Director, Mary Claire Ruckert.

In closing, I would like to thank the 2022-2023 LES Board of Direction, as well as the Chapter Presidents, Committee Members, and numerous volunteers for their involvement and participation in protecting our profession. I would like to express my gratitude to last year's President, Chad Bacas, for his leadership and willingness to serve. I look forward to the coming year and getting the opportunity to meet each of you at a Chapter Meeting sometime this year.



Jim Ellingburg, PE
LES President

LES

DON'T FORGET TO LOG IN!



LES is migrating to a new database. All members should have received an invitation to log in with new credentials. **Please be sure to log in to the new system before September 15, 2023.** Our old database will no longer be active beginning on October 1, 2023.

If you have any questions about our new database or need assistance navigating through it, please connect with our office by email (les@les-state.org) or by phone (225-924-2021).

SOCIETY NEWS



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Mary Claire Ruckert
LES Executive Director

LES Calendar of Events

AUGUST 2023

1 Honors & Awards nominations open

SEPTEMBER 2023

1 LEF Vincent Forte Fellowship & Faculty Awards open

1 Nominations for LAPELS vacancies begin

22 LES Board Meeting – Alexandria, LA

OCTOBER 2023

TBD CPD Day

1 LEF Endowed Scholarship application opens

15 Deadline for copy, Louisiana Engineer, November issue

31 Deadline for LEF Vincent Forte Fellowship applications

LES Vision Statement

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LES Mission Statement

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Nurturing public awareness of engineers' contributions to society.

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

Recognizing engineering achievements.

WELCOME NEW MEMBERS!

Alexandria Chapter

Logan Warren Johnson, E.I. Associate Member*
Kajun Wayne Miller, E.I. Associate Member*
Drake Anthony Theriot, E.I. Associate Member*
Matthew Tucker Wann, E.I. Associate Member*

Baton Rouge Chapter

Stephen Michael Arceneaux, P.E. Member
Christopher Neil Chandler, Jr., E.I. Associate Member*
Kevin Gaspard, P.E. Member
Garrett Stephen Johns, P.E. Member
Josh Lejeune, Student Member
Prasanth Malisetty, P.E. Member
Wesley Joseph Melancon, E.I. Associate Member*
Nicholas Grant Moreau, P.E. Member
William David Muldowny, E.I. Associate Member*
Tanisha Pena, Individual Sustaining
Kelly Regan, Student Member
Jay Richardson, P.E. Member
William Benjamin (Ben) Roth, P.E. Member
Nicole Scalise, E.I. Associate Member*
Amy Schulze, P.E. Member
Jordan Guy Severio, E.I. Associate Member
Christina Simino, Student Member
Eileen Taylor, E.I. Associate Member
Daniel Joseph Thibodeaux, E.I. Associate Member
William Charles Wascom, P.E. Member
Zenghui Zhang, Ph.D., E.I. Associate Member

Bayou Chapter

Clint Andrew Bergeron, Ph.D., P.E. Member
Adam Bergeron Roth, P.E. Member
Ty Westerman, E.I. Associate Member*

Lafayette Chapter

Troie Acker, Student Member
Christopher Aubert, E.I. Associate Member*
Hunter Michael Bourque, E.I. Associate Member*
Ethan John Davidson, P.E. Member
William Michael Evans, III, E.I. Associate Member
Emily Kimball, Student Member
Alexander Harman Lamb, E.I. Associate Member*
Cameron Michael Lunsford, E.I. Associate Member*
Ashton Miller, Student Member
Lane Michael Richard, P.E. Member
Blake Joseph Theriot, E.I. Associate Member*

Lake Charles Chapter

Brant Courville, Student Member
James Henry Pittman, P.E. Member
Christian Wolf, E.I. Associate Member

Monroe Chapter

Ian Golsby, Student Member
Thomas Dean McCarty, E.I. Associate Member*
Seth Wylie, E.I. Associate Member*

New Orleans Chapter

Vincent Anthony Arnold, E.I. Associate Member*
Brandon Ballard, E.I. Associate Member
Aaron Joseph Bennett, P.E. Member
Madison Claire Burdett, E.I. Associate Member*
Madison JoLynn Carney, E.I. Associate Member*
Hsieh-Ching Chang, P.E. Member
Brendan Michael Dane, P.E. Member
Daniel J. D'Aquin, E.I. Associate Member*
Rachel Gorman Douglass, P.E. Member
John Daniel Dunaway, III, E.I. Associate Member*
Braden Harrison Finney, E.I. Associate Member*
Eliot Joseph Guerin, P.E. Member
Joel Brocato Hatty, E.I. Associate Member
Dane Eric Henssler, E.I. Associate Member*
Amiel Rangeet Kirtikar, E.I. Associate Member
Cody Stephen Kyser, E.I. Associate Member
Mitchell Preston Landry, E.I. Associate Member*
David B. Licciardi, E.I. Associate Member*
Bryan Paul Louque, P.E. Member
Walter Lee Lower, Jr., P.E. Member
John Murray Mathis, E.I. Associate Member*
Connor Richard McCarthy, E.I. Associate Member*
Kenneth Paul Murray, Jr., E.I. Associate Member*
Russell Paul Perez, E.I. Associate Member
Max Anthony Mark Perrin, E.I. Associate Member*
Umar Tufail Raja, E.I. Associate Member
Christopher Lee Roussel, E.I. Associate Member
Noah Charles Ruby, E.I. Associate Member*
Venkata Sai Surya Praneeth Sathiraju, E.I. Associate Member*
Kannan Subramanian, P.E. Member
Drake David Tassin, P.E. Member
Catherine Williams, Student Member

Non-Resident Chapter

John Bryant Fauchaux, E.I. Associate Member*
Brianna Michelle Reyes, E.I. Associate Member*
Michael Robert Riddick, E.I. Associate Member*
Melody Amber Thomas, E.I. Associate Member

**Denotes members under 30*

WHY MEMBERSHIP MATTERS

KALYN PARTIN, PE
MEMBERSHIP CHAIR

I am looking forward to serving LES in a new role this year as the Membership Committee Chair. I have been involved in LES since I was a student at McNeese 10 years ago, and I thoroughly enjoy the opportunity to be involved in my engineering community in a larger capacity.

I want to take this chance to encourage members to take full advantage of the opportunities provided to you through your paid membership to LES. There is so much more to LES than receiving PDHs throughout the year—although it is an important part. LES provides resources that allow you to network with other engineers, not only in your community but also statewide. LES works hard to ensure that your license and profession are being protected and that any proposed legislation is in your best interest. With LES you have avenues to be involved in your local communities, schools, and universities through volunteerism, donations, and events such as Mathcounts. Your membership in LES is valuable and we want you to receive the most benefit from it!

If you are a licensed engineer in LA, but not a member of LES, we hope that you would strongly consider joining our organization. As I explained above, LES has your profession at the forefront of all we do. We are the only active organization that serves every discipline and area of practice, and LES is your

voice on the regulation of the practice of engineering and surveying in Louisiana through its liaison with the LA Professional Engineering and Land Surveying Board (LAPELS). We work to ensure that what we offer and what we do as an organization benefits every engineer, both in the present and future.

In the past two years, we have done a membership drive contest among our individual chapters. Last year, Lafayette Chapter gained and retained the most new members throughout the state and won \$150 for their efforts. We will host the competition for a third year, and hope to see a membership increase even better than previous years!

As chair, I hope to assist you in making sure that your membership is beneficial. If you ever have any questions or recommendations, please feel free to reach out! I look forward to another year with LES and seeing how we come together to make a difference in our state.



Kalyn Partin, PE
Membership Chair

PUBLIC RELATIONS UPDATE

KIMBERLY MCDANIEL, PE, PTOE, PTP, PUBLIC RELATIONS CHAIR



Kimberly McDaniel,
PE, PTOE, PTP
Public Relations Chair

The LES Public Relations Committee is excited to announce that we are in the early planning stages of a potential gubernatorial forum in collaboration with the American Council of Engineering Companies (ACEC) and the American Society of Civil Engineers (ASCE). This forum promises to be a pivotal event for our profession, and we urge all our members to be actively involved and aware of its significance.

As engineers, we are directly involved in designing and executing these crucial endeavors, making it imperative for us to be part of the conversation when it comes to determining priorities and funding allocations.

By participating in the gubernatorial forum, our members will have a unique opportunity to engage with candidates, understand their visions for Louisiana, and voice concerns about the engineering profession and the crucial projects we undertake. By uniting with ACEC and ASCE, we strengthen our collective voice and emphasize the significance of engineering in building a sustainable and prosperous future for the state.

The forthcoming gubernatorial forum will be an excellent chance for LES members to be informed and active participants in the political process. It is essential to advocate for policies that promote infrastructure development, innovation, and continued growth in our profession.

As the forum's planning progresses, we will keep you updated on the date, location, and other details. Be prepared to join us and show your support for the Louisiana engineering community! Let us all stand together to ensure that our profession's voice is heard, and our expertise is recognized in shaping the future of Louisiana. Together, we can make a significant difference and continue making positive contributions to the advancement of our state.

As engineers, we understand better than anyone the critical role that government policies play in shaping our work and industry landscape. A change in the governorship could result in shifts in policies and regulations that directly impact the engineering profession in Louisiana. The gubernatorial forum will provide a platform to discuss the importance of preserving and enhancing licensure standards, ensuring that the engineering community continues to provide safe and reliable solutions to the challenges facing our state.

Additionally, the Louisiana Department of Transportation and Development (LADOTD) policies significantly influence the state's infrastructure projects and transportation systems. Funding allocations for these projects also rely on government

ENGINEERING EDUCATION

JEFFREY A. PIKE, PE

ENGINEERING EDUCATION CHAIR

My first engineering teaching experience was in 1995. I was a captain in the U.S. Army having recently earned my master of science in engineering and reporting for duty at the U.S. Military Academy at West Point, New York. I was very familiar with the institution from the opposite side of the student-professor relationship since I had graduated from there ten years prior in 1985.

Every faculty member at West Point has the same primary responsibility. They educate, train and inspire leaders of character who are committed to the values of Duty, Honor, Country and prepared for careers of professional excellence and service to our nation as Army officers. Every student is on a path to become a commissioned second lieutenant regardless of their academic major. West Point is the first American college to have an accredited civil engineering program, and the first to have class rings, and its technical curriculum became a model for engineering schools.

My particular engineering education responsibility was to teach Fluid Mechanics to cadets who were studying to earn a degree in civil, mechanical, or environmental engineering. I was part of a team of faculty teaching multiple sections, and I later became course director.

In my initial teaching experience at West Point, our supervisors made it clear as part of our formal evaluation system that we were expected to prepare for and earn our professional engineering license. We were expected to communicate to our engineering students as part of their engineering education that the path to professional licensure was their duty, too. We were setting an example as leaders for our students to follow. It was our duty. It was the right thing to do.

My most recent teaching experience has been at Louisiana Tech University in Ruston, Louisiana. My responsibilities have included many courses over the last fourteen years. My focus has been on students earning degrees in construction engineering technology or civil engineering. I have thoroughly enjoyed being on a great team of staff and faculty who genuinely care for their students.

There are so many good things going on in engineering education throughout our state. I do want to highlight a concern though. My observation over these last several years in engineering education is that some engineering faculty throughout our state are not licensed as professional engineers and have no intention of pursuing licensure. I've heard the explanations of not needing to have a professional engineering license to teach engineering. It's true. The laws and rules in our state allow educators to teach engineering without a license. It's odd though since teaching engineering is considered the practice of engineering. For example, an applicant for a license can use teaching engineering under the supervision of a licensed engineer as evidence on their application. And, a licensed engineer can earn professional development hours for teaching engineering.

I have not heard a good explanation for not setting the example for the engineering students. The Engineering Education Committee shall endeavor to encourage students to become registered professional engineers and shall promote the teaching and promulgation of professional concepts in the engineering schools of Louisiana.

I applaud those professional engineers in our education system who set the example for their students. How can we change the mindset of engineering faculty who choose not to pursue their professional engineering license?



Jeffrey A. Pike, PE
Engineering Education
Chair

LES

Support the Louisiana Engineering Foundation



Your support provides educational opportunities to the next generation of Louisiana engineers. Scholarships administered by LEF support students across Louisiana in their pursuit of STEM education and engineering careers. LEF also provides support for the advancement of the engineering profession across the state through legislative involvement and continuing professional development opportunities.

Any individual, company, or organization can enjoy the benefits of a tax-deductible donation* while helping to grow our endowment. Donations can be made as an undesignated contribution, earmarked for a particular existing scholarship, or used to establish an entirely new scholarship. Undesignated contributions are used to help grow the endowment and meet the scholarship funding obligations as a whole.

To make your donation, please visit www.lef.les-state.org or contact the LES/LEF staff at (225) 924-

CHAPTER UPDATES

Alexandria Chapter

Kory Moss, PE

I want to thank the members of the Alexandria Chapter for allowing me the opportunity to serve as President for the 2023-2024 cycle. I also want to recognize the other officers serving our chapter this year: William Vollman, Vice-President; and Wayne Vollman, Secretary/Treasurer. I look forward to working with our officers and members to make this year a success for our community, chapter, and profession.

We will have eight (8) scheduled lunch-n-learn meetings this year and those dates are as follows:

Tuesday, September 5, 2023

Tuesday, October 3, 2023

Tuesday, November 14, 2023

Tuesday, December 12, 2023

Tuesday, January 2, 2024

Tuesday, March 5, 2024

Tuesday, April 2, 2024

Tuesday, May 7, 2024



Kory Moss, PE
Alexandria Chapter President

Prior to each lunch-n-learn, our Secretary/Treasurer will be sending out a calendar invitation and newsletter with details about the meeting location and time, presenter, topic, and upcoming events. Members or vendors reading this article, please do not hesitate to contact me at the below address about suggestions for lunch-learn topics or potential presenters.

Other events outside of our lunch-n-learns consist of hosting a local MATHCOUNTS competition in February, the State MATHCOUNTS competition in March, a golf tournament fundraiser at Oak Wing in June, and a presentation of two scholarships generally at our last lunch-n-learn meeting for the year. Information will be forthcoming in either the newsletter or email notice as we near each event.

I encourage each of you to attend or participate where possible to improve the success of our Alexandria Chapter and LES.

Please contact me (James.Moss@cleco.com) if you would like to reserve a lunch-n-learn date, become an event sponsor, and/or have any questions, comments, or suggestions.

Baton Rouge Chapter

TJ Stokes, PE

The Baton Rouge Chapter recently held its annual officer elections. The 2023-24 Baton Rouge Chapter Officers and Board of Directors include:

President – TJ Stokes, P.E. (T. Baker Smith)

President-Elect – Heather Layrisson, P.E. (Jacobs)

Vice-President – Bliss Bernard, P.E. (GEC, Inc.)

Secretary – Jason Fennell, P.E. (Forte & Tablada, Inc.)

Treasurer – Laurence Lambert, P.E., PTOE, PTP (Vectura)

Director 1 – William Fishburn, E.I. (Jacobs)

Director 2 – Billy Williamson, P.E. (DOTD)

Communications Chairperson – Gabriel Rice, E.I. (Volkert)



TJ Stokes, PE
Baton Rouge Chapter President

The new board recently met to plan out the upcoming year. This includes the Luncheon Speakers Series, annual sponsorship program, Clay Shoot, Wintz Memorial Golf Tournament, E-Week Events, Crawfish & Ethics, and more. Information and specific dates will be sent to members as details are finalized.

The Chapter's next event will be a joint luncheon with the Baton Rouge Chapter of the American Society of Civil Engineers. Registration details will be sent out to members in early August.

CHAPTER UPDATES

Bayou Chapter

Kevin DeZarn, PE

We held a joint meeting with ASCE New Orleans Chapter in May with Lafourche Parish Present Archie Chassion giving a presentation on the state of the parish.

The Bayou Chapter Golf Tournament was a great success with 70+ participants at the Ellendale Country Club. All proceeds are planned for a future Bayou Chapter Scholarship endowment.

Held officer election and the position were filled as follows; President - Kevin DeZarn PE, CFM, Vice President – David Mabile PE, Secretary/Treasurer - Laura Barnes PE.

We are looking into the possibility of having a joint meeting in May with the ASCE New Orleans Chapter in the Raceland area to reach more Bayou Region members. Our membership remains steady.



Kevin DeZarn, PE
Bayou Chapter President

Lafayette Chapter

Justin Schexnayder, PE

I am excited to share with you the remarkable achievements of the Lafayette Chapter during the 2022-2023 year. Our success would not have been possible without the tremendous efforts of Glenn McCall, PE, who dedicated countless hours to revitalizing the Lafayette Chapter and fostering increased engagement among local members. Thanks to his dedication, we witnessed a significant rise in membership participation, luncheon attendance, and volunteer involvement.

It gives me great pleasure to announce the newly appointed 2023-2024 Lafayette Chapter Officers:

President: Justin Schexnayder, PE (HNTB Corporation)

1st Vice President: Joey Krefft, PE (U.S. Forensic, LLC)

2nd Vice President: Austin Doucet, EI (C.H. Fenstermaker and Associates, LLC)

Secretary-Treasurer: Grant Besse, PE (C.H. Fenstermaker and Associates, LLC)

The new board will convene in July to plan an exciting lineup of events, activities, and volunteer opportunities for the upcoming year. I urge all members, regardless of age or experience, to actively engage in the Lafayette Chapter. Please consider inviting your coworkers and colleagues who are not yet members of LES to join us! Further details regarding future events will be sent out in August.



Justin Schexnayder, PE
Lafayette Chapter President

REMEMBER - LES OFFERS ONDEMAND SEMINARS ON OUR WEBSITE, AVAILABLE ANYTIME!

- ADA by Brett Bayard, PE, PLS
- Life Safety Code by Warren Bonisch, PE
- Professionalism & Ethics in Engineering by Jeffrey Pike, PE
- Horizontal Directional Drilling with Ductile Iron Pipe by Allen H. Cox, PE
- Roadway Management Technologies: Crowd Source Tech Provides Real-Time Pavement Performance Analytics by Candler McCollum
- WTP Rehab & Expansions - Lessons Learned by Richard Ross, PE
- Public Bid Law by Brett Robinson
- Know What's Below. Call or Click 811 Before You Dig by Cole Vanderlick
- Professional Liability: Risk Drivers by Wyatt Sanders
- Buying Back Capacity of Your Gravity Collection Sewers by Spencer Tuell, PE
- Proper Grounding for Improved Electrical Reliability by Ben Humphries & Bruce Ayres, PE
- Automatic Transfer Switch (ATS) 101: Basics and Fundamentals by Jeff Aleksic
- National Bridge Inspection Program: Bridge Scour Monitoring by Lillie Carpenter, PE
- Subsurface Utility Engineering: Recent Developments & Upcoming Changes (2022) by Wilfred Barry, PE, PLS
- Google AppSheet, Leveraging Remote Operations in the Wake of COVID-19 – Ryan Fuselier, PE, PLS
- Contracting Basics – Mary Anne Wolf, PE
- Introduction to USDA Rural Development and
- Current Procedures for Funding Water and Environment Projects – Tony Matlock, Community Programs Director & David Suire, PE
- Enhanced Outdoor Air and Building Pressurization Strategies – Jim Riendeau
- Equipment Warranties and Operator Maintenance – Ben Humphries
- Tracer Wire – Using a Complete System for More Accurate Locating – Andy Brown
- Managing Your Pavement Network with Pavement Preservation – Stan Williams, PE
- Innovative Repair of Failed MSE Walls Using Geosynthetic Materials in Conjunction with Strength Elements – Will Brantley, PE
-and many more!

CHAPTER UPDATES

Lake Charles Chapter

Kalyn Partin, PE

We are looking forward to another great year for the Lake Charles Chapter of LES! I'd like to take a moment and introduce our board for this year:

President-	Kalyn Partin, P.E.
1st Vice President-	Jennifer Mayo-Kihlken, P.E.
2nd Vice President-	Jessica Pousson, P.E.
Secretary/Treasurer-	Breanna Cross, E.I.



Kalyn Partin, PE
Lake Charles Chapter President

We hope to work together to provide the very best opportunities and updated information to you this year. If we can ever answer any questions, or if you'd like to make recommendations about the chapter, please feel free to reach out to us at leslakecharles@gmail.com.

Our meetings are held the second Tuesday of every month from 11:30 AM—1:00 PM and the tentative dates are as follows: August 8, September 12, October 10, November 14, January 9, February 6**, March 12, April 9, May 14, June 11. (**February's meeting is adjusted due to the Mardi Gras Holiday, additionally there will be no December meeting)

A registration email will be sent to all members ahead of each meeting with detailed information. The cost to attend monthly luncheons is \$20/member, \$25/non-member, and \$10/student.

Coming up at our August meeting we will host speaker Mary Anne Wolf, a licensed P.E. and trial lawyer who represents architects, engineers, land surveyors, contractors, and other businesses in construction litigation and industrial accident claims in the state and federal courts of LA. This will be a great and informative presentation that you do not want to miss!

For our September meeting, Mr. Jeff Pike will be providing our chapter with an Engineering Ethics and Professionalism presentation. Mr. Jeff is a military veteran, recently retired as a professor from LA Tech, and a licensed P.E. that has served LES and LAPELS in numerous roles. This ethics presentation is sure to be a good one.

We encourage everyone to get involved and to make the most out of your LES membership this year. We look forward to seeing you in the near future!

Monroe Chapter

Morgan McCallister, PE

On April 13, 2023, the LES Monroe Chapter held its annual Officer elections. I am honored to serve as this year's LES Monroe Chapter President. To briefly introduce myself, I am originally from Provencal, LA... for reference... it's a lone caution light southwest of Natchitoches. My then-future wife led me to North LA over 22 years ago, where I ultimately graduated from LA Tech. I have over 16 years of experience in the private consulting sector, and in the past year, have taken on the role of City of Monroe Engineer. I have the privilege of working with some of the best consultants to help make our region better with every project that we move on. Many of those consultants participate on the local and state levels within the LES Organization – those serving as LES Monroe Chapter Officers this year are as follows:

Mr. C. Morgan McCallister, P.E. – President
City of Monroe | www.monroela.us | morgan.mccallister@ci.monroe.la.us
Mr. N. Dakota Hill, P.E. – 1st Vice President
Lazenby & Associates, Inc. | www.lazenbyengr.com | dhill@lazenbyengr.com
Mr. Cullen C. Clark, E.I. – 2nd Vice President
S.E. Huey Company | www.sehuey.com | cclark@sehuey.com
Mr. Noah J. Sampognaro, E.I. – Secretary/Treasurer
Lazenby & Associates, Inc. | www.lazenbyengr.com | nsampognaro@lazenbyengr.com



Morgan McCallister, PE
Monroe Chapter President

... Continued on next page.

CHAPTER UPDATES

MONROE CHAPTER (CONTINUED)... A big thank you to Mr. Hagan H. Lawrence, P.E. (Lazenby & Associates, Inc.) for his 5-year service to the LES Monroe Chapter!

We will officially begin our 2023-2024 year as a local Chapter on September 14, 2023. This year will feature a new meeting location – The Louisiana Room within the Monroe Civic Center located at 401 Lea Joyner Memorial Expressway Monroe, LA 71201. Meetings will be held on the second Thursday of each month with the last meeting to be held on May 9, 2024. For a complete schedule, please look for the forthcoming monthly LES Monroe Chapter Newsletter via email. You'll also find within each newsletter a listing of our speakers, as well as a lunch menu.

Invite a fellow Professional or an Engineering Student – See you in September!

New Orleans Chapter

John Jackson, PE

It has been my privilege to serve the engineering community of the New Orleans area on the board of the New Orleans chapter of LES for the past five years. As I enter my sixth year, I have the distinct honor of serving as the president of the New Orleans chapter. LES is widely known for promoting the engineering profession, supporting STEM activities, supporting local engineering businesses and colleges, offering scholarships for engineering students, and organizing social activities such as monthly engineering presentations, an annual golf tournament, and various other fetes. During my term as president, I intend to continue focusing on the successful initiatives of the New Orleans chapter of LES.



John Jackson, PE
New Orleans Chapter President

The New Orleans chapter is fortunate to have a number of past presidents who remain actively involved on the board. I am grateful to have their support and guidance. David Gereighty, Rachel Kenney, Raoul Chauvin, Nick Musmeci, Roy Phelps, and Robert Mejia, all past presidents, are here by my side should I need their assistance.

For those of you whom I have not yet had the opportunity to meet, I am John Jackson, a Senior Professional Civil Engineer and Project Manager at Linfield, Hunter & Junius Inc., where I have been working since 2015. I hold a Bachelor of Science Degree in Biology from Bob Jones University and a Bachelor of Science Degree in Civil Engineering from the University of New Orleans. Throughout my career, I have designed and/or managed public drainage, utility, roadway, and transportation projects for local city, parish, and state governments, as well as the Port of New Orleans, the CPRA, and private developers. I absolutely love living in New Orleans with my wife, Michelle.

Our New Orleans chapter board members for the 2023-2024 term are:

John Jackson: President
David Gereighty: Immediate Past President
Rachel Kenney: 1st Vice President/Past President/State Director
Kevin Hurtt: 2nd Vice President
Roy Phelps: Secretary/Past President
Jonathan Giardina: Treasurer
Caroline Christmas: Director
Robert Mejia: Director/Past President
Nick Musmeci: Director/Past President
Jerry Outlaw: Director
Cole Louviere: Director
Raoul Chauvin: Director/Past President
Richard VanWootten: Director
Pat Prewitt: Director
Bryan Smith: Video/Audio Director
Connor Glennon: Director

In June, the board held its annual planning retreat to discuss our goals for the upcoming year. Our next member meeting will be in September. Please pay attention to our email notices and visit our website (<https://neworleanschapter.les-state.org/>) for updates on all our events.

... Continued on next page.

CHAPTER UPDATES

NEW ORLEANS CHAPTER (CONTINUED)... Currently, the New Orleans chapter has nearly 500 members. Our two-part goal for this year is to increase membership and enhance member involvement through our numerous committees, social and educational events, scholarships, and support of initiatives such as the Tulane Engineering Forum, Order of the Engineer ceremonies, Mathcounts, FIRST robotics competition, and other worthy causes within our funding limits. If you would like to contribute your time or make a donation, please reach out to any of the board members listed above. Speaking of donations, if your company is interested in sponsoring the New Orleans LES chapter for the current 2023-2024 term year, please visit the sponsorship program tab on our website or speak to any of the board members for more information.

The board has many exciting goals and ideas for realizing them, and I am looking forward to making a positive impact in the coming year!

Shreveport Chapter

Linsey Olivier, PE

The LES Shreveport Chapter is ready to begin the 2023-2024 year! Even though this is a little sooner than I expected, I am honored to serve as your Chapter President and represent our Shreveport members. I am also happy to announce our new Board of Directors!

Luke Haney, P.E. – President-Elect
Jonathan Ratliff, E.I. – Vice President
James Hagan III, E.I. – Secretary
Ali Mustapha, P.E. – Treasurer
Jordan Pearson, P.E. – Past President



Linsey Olivier, PE
Shreveport Chapter President

I would like to thank our Past President, Jordan Pearson, for his commitment to the organization this past year and for getting me involved. We are very appreciative of his time and effort!

As summer vacations slow down (even though the high temperatures and humidity will not), our Board of Directors will kick start this year with a meeting in August to create our agenda for the year and discuss some exciting new ideas. We are currently scheduled to have our monthly meetings on the second Wednesday of each month, starting in September, at the Petroleum Club in downtown Shreveport. We would like to extend the invitation to anyone traveling through or visiting Shreveport. We would love to have you!

We encourage all of our members to attend the events and become an advocate for the Chapter. The Louisiana Engineering Society serves the engineering profession and has so many membership benefits. If you know someone who is not a member of LES, please consider spreading the word by inviting them to join you at a meeting or event.

Your feedback is also very important to us. We are always looking for ways to improve our membership experience. If you have any suggestions, please contact us at LESShreveport@gmail.com. I look forward to the upcoming year and seeing each of you at our events!

SAVE THE DATE

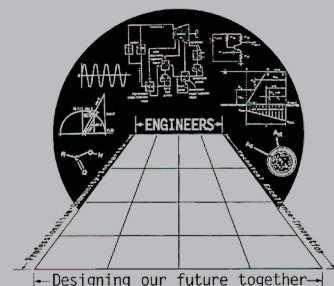
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LOUISIANA CAPITOL VIEW

FROM HAYNIE AND ASSOCIATES

The 2023 Louisiana Legislative session concluded on June 8th. However, the legislature is scheduled to return for a short veto override session on July 18th, which will be the 14th and final session of their four-year term. After the veto override session, lawmakers will be eager to return home to their districts to continue campaigning before the August 8-10th election qualifying period. All Louisiana lawmakers and statewide officials will be on the ballot on October 14th, with runoffs on November 18th.

The 2023 legislative session was a success for LES and its members, both in terms of policy and infrastructure funding. The legislature made unprecedented investments in bond and cash construction projects, including funding for roads, public buildings, coastal and water sector. These investments were spread out across HB 1, HB 2, and HB 560 (www.legis.la.gov).

Haynie and Associates are delighted to report on LES's legislative success this session. We extend our heartfelt gratitude to the professional engineers across the state who sent grassroots emails and made calls to lawmakers, helping us defeat the following two bills in the House Commerce Committee:

DEFEATED - House Bill 333, authored by Representative Thomas Pressly (Shreveport), sought to restrict the ability of Civil Engineers to design buildings. This bill would have compromised life, health, and property safety by removing competent professionals from the building design process.

DEFEATED - House Bill 546, also authored by Representative Pressly, aimed to allow the use of the terms "engineer" or "engineering" by non-professional engineers in various contexts. This bill would have limited LAPELS' ability to enforce the use of these terms by individuals and businesses.

If you would like to express your appreciation to your legislator for supporting Professional Engineers, you can contact them and extend your thanks using the following link: [\[https://www.legis.la.gov/legis/FindMyLegislators.aspx\]](https://www.legis.la.gov/legis/FindMyLegislators.aspx)

Haynie and Associates are actively engaging with and supporting candidates across the state. We encourage all LES members to meet their local candidates for office and educate them about the profession and the safety benefits associated with maintaining professional standards for PEs through the legislature and LAPELS.



Ryan Haynie and Randy Haynie
Haynie and Associates

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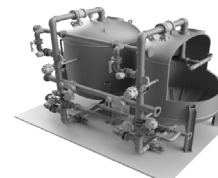
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