LAPELS Board 2019

(l-r) Chad Vosburg, PE; Charlie Coyle, III, PLS – LAPELS Treasurer; Jeff Pike, PE – LAPELS Secretary; Connie Betts, PE; Scott Phillips, PE; Alan Krouse, PE - LAPELS Chairman; Tom Carroll, III, PE, PLS – LAPELS Vice Chairman; Edgar Benoit, PE; Chris Richard, PE; Wilfred Fontenot, PLS; Reggie Jeter, PE

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As we continue through the year having just completed our second Board meeting in April, we continue to monitor threats to licensure/threats to public protection. The two most recent disasters that bring this to our attention is the pedestrian bridge collapse in Florida and the gas explosion in Massachusetts. These threats lead us to review comity licensure, better facilitate initial licensure, ensuring LAPELS is continuing with our mission to protect the public, but not be a hindrance to those qualified to practice engineering/surveying. An additional way LAPELS is trying to refine our rules is having the Laws and Rules committee review current rules to better define: Responsibilities of the Supervising Professional, Surveying Experience, EAC/ABET masters programs and Requirements of licensees to maintain documents.

The legislature wrapped up the session and as a whole, all the bills that passed and affected LAPELS were relatively minor in nature. The bill supported by LAPELS and the Architects that dealt with the way we process complaints passed and was signed into law.

NCEES continues to transition from pencil and paper PE and Surveying testing to computer base testing (CBT). To date the Chemical and Nuclear have transition to CBT. This year Environmental and Petroleum will become CBT. The remaining transition goal is 2020 - Mechanical, Industrial and Systems and Fire Protection; 2021 - Agricultural/Biological, Electrical and Mining and Mineral Processing; 2022 - Architectural, Control Systems, Metallurgical and Materials and Naval Architectural and Marine; 2023 - Civil: 2024 - Structural. The Professional Survey and Fundamentals of Surveying exams are also CBT but the surveying state specific test continues to be pencil and paper.

A number of years ago LAPELS made a decision to develop guidelines to assist our staff when they are reviewing plans in response to complaints. Joe Harman was hired to develop these guidelines in conjunction with a volunteer group of engineers in the respective disciplines. To date Joe and his volunteers have developed guidelines for the disciplines of Electrical, Mechanical, Civil Geotechnical, Civil Structural, Civil Environmental, Chemical and Agricultural and Biological engineering and is currently working with a group of licensees on guidelines for Petroleum engineering. Additional disciplines on his list of guidelines to develop include: Fire Protection, Mining and Mineral Processing, Industrial and Systems, Naval Architecture and Marine, Metallurgical and Materials, Nuclear and Architectural engineering.

The LAPELS staff continues to undergo transitions in order to serve our registrants more efficiently. Some of the most recent personnel changes are we have hired a full time IT person to address the rapidly changing world of technology. Bill Tripoli had been providing this service via a contract and the Board felt it made more sense to hire him. We also shifted some of the staff duties to be more efficient in our response to registrants and applications. Please contact the office if you have any questions.

LAPELS staff and board members are always available for questions. We recently sent board members to the LSPS and LES annual meetings. We will also be present at the Surveying and Geomatics Education Society meeting in August.

**Board Members**

| Alan D. Krouse, PE | Chairman |
| Thomas R. Carroll, III, PE, PLS | Vice Chairman |
| Jeffrey A. Pike, PE | Secretary |
| Charles O. Coyle, III, PLS | Treasurer |

| D. Scott Phillips, PE, PLS | C. K. Richard, PE |
| Chad C. Vosburg, PE | Edgar P. Benoit, PE |
| Wilfred J. Fontenot, PLS | Constance P. Betts, PE |
| Reginald L. Jeter, PE |

**Board Staff**

| Donna D. Sentell | Executive Director |
| Cheron Seaman | Deputy Executive Director |

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

Chris Aaron and William Hyatt, Board Investigators

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

Myles DeRouen, an unlicensed individual, was subject to enforcement action by the Board for offering to practice engineering and using the words “engineer”, “engineering” or any modifications or derivatives thereof in a person’s name or form of business or activity without proper licensure in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1) and (7). In August of 2015 Mr. DeRouen represented on his LinkedIn page that (a) his slogan was, “Let’s design your engineering visions”, (b) he was a “Skilled design engineering contractor with years of experience”, (c) he was the “President & Senior Design Engineer” at DeRouen Designs in Lafayette, Louisiana and was previously an “Engineering Assistant” at Dow Chemical and worked in “Engineering” at McCoy Corporation, (d) his skill and expertise included “Process Engineering” and “Engineering” and (e) his education was a “Bachelor of Science (B.S.), Mechanical Engineering” from the University of Louisiana at Lafayette (even though he did not have such degree from that school). In August of 2015, through at least August of 2016, Mr. DeRouen stated on the website oilpro.com that he was the “President & Senior Design Engineer” at DeRouen Designs in Lafayette, Louisiana, that his skills included “process engineering” and that his education was in “Mechanical Engineering” from the University of Louisiana at Lafayette. In August, 2015 Mr. DeRouen stated on the website elance.com that he was a “Senior Designer” in New Iberia, Louisiana and that his education was in “Mechanical Engineering” from the University of Louisiana at Lafayette from 2004 to 2009. In mid to late 2017 Mr. DeRouen stated on the website sky civ.com that he was a “Senior Design Engineer” and “Mechanical Design Engineer” in Lafayette, Louisiana. Following a formal hearing, the Board issued final findings of fact and conclusions of law and a final decision and order, wherein Mr. DeRouen was found to have committed the referenced violations of the above laws/rules and was assessed the following sanctions: fine of $1,500; administrative costs of $20,452.96; cease and desist offering to practice and/or practicing engineering in Louisiana unless and until he is licensed to do so; cease and desist the use of the words “engineer” or “engineering” or any derivative thereof in referring to himself or his skills or qualifications, on his LinkedIn page, on any websites, or in otherwise describing or promoting his business activities or services in Louisiana unless and until he is licensed to do so; and publication of the final findings of fact and conclusions of law and the final decision and 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.

Enso Engineering, Inc, an unlicensed firm, was subject to enforcement action by the Board for practicing and/or offering to practice engineering without proper licensure and using the word “engineering” in the name or form of business activity in Louisiana in violation of La. R.S. 37:681 and La. R.S. 37:700(A)(1), (7) and (9) and LAC Title 46:LXI§2301(B). Between January 2016 and December 2017 the firm had practiced and offered to practice engineering on twelve projects in Louisiana without proper licensure and used the word “engineering” in its name or form of business activity 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 $3,000; to pay admin-

2019 Board Meeting Dates

Monday/Tuesday  September 9
Monday/Tuesday  November 18/19
message from the Executive Director

By Donna Sentell

LAPELS has been listening to our applicants and licensees and we are working hard to keep up with the ever changing online capabilities and technology.

We receive much less paperwork in our office, as the majority of our applications for certification/licensure, whether initial certification/licensure, comity licensure, firm licensure or reinstatement applications are online.

Beginning with our upcoming renewal cycle, depending on the license status, most individuals and all firm licenses can renew online.

The electronic transmission of all of this information, as well as the online payments for application and renewal fees, cuts our processing time and allows us to be much more responsive to our applicants and licensees.

Recently the Board authorized Louisiana applicants, with an ABET engineering degree and a passing FE score, to register directly with NCEES for the PE exams. As Mr. Krouse mentions in his article about the transition from paper and pencil PE exams to CBT PE exams over the next few years, applicants have year round registration for taking the various NCEES exams.

Today’s applicants are required to have a MyNCEES account. Each account contains a tremendous amount of information and documentation. Some of the documents include, but are not limited to transcripts, exam attempts, exam scores, experience records, verifications of experience forms from supervisors, personal references, licenses and if necessary, a credential evaluation. Having all of this information housed online minimizes having to complete paperwork for every jurisdiction.

If you are a licensee and don’t have a MyNCEES account, I would encourage you to establish one. You can maintain all of your CPD hours in a CPC tracking system. In the event you need to obtain a license in another jurisdiction, you can request that your record be transmitted. In today’s world, it’s all about mobility and the ease of obtaining a license in various jurisdictions. You can learn more about this service here: https://ncees.org/supplemental/launch-login/

 LICENSURE RENEWAL APPLICATION VIOLATIONS:

Ali Abolhassani, P.E., a professional engineer (PE-32309), 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 October 2013 the Illinois Board took disciplinary action against Mr. Abolhassani for having been disciplined by the Florida Department of Business and Professional Regulation for failing to timely respond to an administrative complaint. In October 2014 Mr. Abolhassani submitted to the Board his 2014 Louisiana professional engineer license renewal invoice, 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 2012, (b) all information provided in his renewal invoice 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. Abolhassani has entered into a Consent Order with the Board, wherein he admitted to the referenced violation of the above laws/rules and agreed to pay a fine of $1,000; to pay administrative costs of $159.42; 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.

AIDING AND ASSISTING:

Paul E. Serrano, P.E., a licensed engineer (PE-31968), was subject to disciplinary action by the Board for aiding and assisting another person in violating the laws and/or rules of the Board in violation of La. R.S. 37:698(A)(12), La. R.S. 37:681, La. R.S. 37:700(A)(1) and (9), and LAC 46:LI§2301(B). Between January 2016 and December 2017, Mr. Serrano aided and assisted his unlicensed firm, Enso Engineering, Inc., in the practice and offer to practice of engineering on twelve projects in Louisiana. Mr. Serrano entered into a Consent Order with the board, wherein he admitted to the referenced violation of the above laws/rules and agreed to pay a fine of $492.34; 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.
Reginald Jeter

Reginald worked more than 28 years as an estimator and project manager for several highway and heavy construction companies. Much of that time he was the chief estimator for the various companies. Prior to his employment in the construction industry he started his career as an Instructor for the Civil Engineering Department at Louisiana Tech University in 1984 and was an Assistant Professor from 1985 till 1987.

Reginald has been active in professional organizations throughout his career. He is a member of the American Society of Civil Engineers and Louisiana Engineering Society.

Reginald is a past-president of the Shreveport Chapter of Louisiana Engineering Society and served as northwest district chairman for Louisiana AGC. He was voted Most Outstanding Professor for 2017-18 by the civil engineering and construction engineering technology students at Louisiana Tech. He is a licensed professional civil engineer in Louisiana and Mississippi.

Reginald and his wife Mary reside in Haughton, Louisiana. They have a son Jared, who lives in Phoenix, and twin grandboys Ethan and Adrian. Reginald grew up in Vernon Parish. In his spare time, he enjoys fishing and spending time with Mary, Ethan and Adrian.

Constance Porter Betts

Governor John Bel Edwards has appointed Constance Porter Betts, P.E. to serve on the Louisiana Professional Engineering and Land Surveying Board, effective April 15, 2019. Ms. Betts will serve on the Board for a six year term as an engineering practice classification representative from government.

Ms. Betts earned a Bachelor of Science in Civil Engineering in 1997 from Louisiana State University and obtained her Professional Engineering License in 2002.

Ms. Betts began her career in 1997 at a small private consulting firm in Baton Rouge. In 2003, she accepted a position in the Bridge Design Section at the Department of Transportation and Development and in 2009 she joined the Office of Planning as the Project Scoping Engineer. In 2015, Ms. Betts accepted a one year appointment as the Assistant to the Secretary for Policy under then Secretary Sherri LeBas. Shortly after her return to the Office of Planning in 2016, Ms. Betts accepted the position of Transportation Planning Section Administrator.

Throughout her career Ms. Betts has been active in professional organizations. She is a member the Louisiana Engineering Society, the Louisiana Society of Professional Engineers in Civil Service and is a founding member of the Louisiana Chapter of WTS (Women’s Transportation Seminar). In addition, she is Louisiana’s voting member of the American Association of State Highway and Transportation Officials Committee on Planning.

Ms. Betts and her husband Frank reside in Baton Rouge. They have three children; two sons, Patrick and Caleb and a daughter, Franchesca.
23RD ANNUAL GULF STATES ENGINEERING CONFERENCE
Thanks to everyone that contributed to a successful 2019 Gulf States Engineering Conference!

EXHIBITORS
Alabama Board of Licensure
B&H Distributors, Inc.
BLD Services LLC
CMI Limited Co.
Flexicrew Technical Services
Forterra Drainage Pipe and Precast
Gulf Coast Underground
Gulf States Engineering Company
Horizon Signal Technologies
Huesker
Innovative Flow Solutions, Inc.
Insituform Technologies, LLC
LAPELS
Owens Corning Foamglas
Premier Concrete Products
Technical Coating Services
UIS Drones
United Rentals Trench Safety
Engineering Leadership Design
Ductile Iron Pipe Research

PLATINUM SPONSOR
Waldemar S. Nelson and Co., Inc.

SILVER SPONSORS
D&W Systems
Ergon Asphalt & Emulsions Inc.

EVENT SPONSOR
D&W Systems
Message from the LES Executive Director

Brenda Gajan, LES Executive Director

What a busy summer! As most of the LES chapters take a break during the summer months to perform their “real jobs” and change the leadership within their individual chapters, we at the State Office have been unusually busy. With the $95 membership fee and the 1 year free memberships being offered to our new PE and EI licensees, LES membership numbers are on the rise! We would like to continue this rise in membership and ask that the leadership in our companies and firms encourage your younger engineers to join, attend and get involved in the local LES Chapters.

We have just completed our 24th Annual Conference at the Lodge at Gulf States Park (see page 8). Does anyone remember who started that out of state annual meeting concept which has been a viable revenue source for the Society until recently? It was our past president Ted Thompson from Lake Charles back in 1999. But as most things do, that meeting concept is being changed.

A few weeks ago the LES Long Range Planning Committee and the LES Conference Committee met and discussed the future meeting structure of LES. Their recommendation was to no longer hold the annual conference out of state as we have done in the past. Instead, we will have the LES General Membership Meeting in conjunction with our newly acquired golf tournament. The LA Transportation Partners Golf Tournament is tentatively scheduled for June 5th at Coushatta Resort. The LES Executive Committee voted to approve that recommendation and so we are off on a new and exciting direction! More details on this to come soon.

To those of you who have faithfully attended and supported our summer meeting, WE THANK YOU!! Please make plans now to join us at Coushatta and also attend our JESC on January 29 & 30, 2020 to get 12 PDH hours.

We are excited to begin this new year with Chris Knotts, PE as LES President. If there is anything that we can do to make membership more valuable, please contact me or any of the board members and we will work on making it so. Thank you for your valuable membership in the Louisiana Engineering Society.

LES 2019 CALENDAR OF EVENTS

<table>
<thead>
<tr>
<th>August 2019</th>
<th>October 2019</th>
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<tbody>
<tr>
<td>1 – Honors &amp; Awards nominations begin</td>
<td>1 – LEF Endowed Scholarship Applications Begin</td>
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<tr>
<td>5 – 24th JESC Planning Meeting</td>
<td>15 – Deadline for copy, Louisiana Journal, November issue</td>
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<tr>
<td>September 2019</td>
<td>23 – Project Risk Management Seminar—Baton Rouge, LA</td>
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<tr>
<td>1 – LEF Vincent Forte Fellowship &amp; Faculty Awards Begin</td>
<td>31 – Deadline for Vincent Forte Fellowship &amp; Faculty Awards</td>
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<td>9 – Life Safety Code - Shreveport, LA</td>
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<td>11 – Life Safety Code - Lake Charles, LA</td>
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<td>13 – ADA Seminar - Baton Rouge, LA</td>
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<tr>
<td>20 – LES Board Meeting—Alexandria, LA</td>
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<tr>
<td>23 – ADA Seminar - Lafayette, LA</td>
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<tr>
<td>25 – ADA Seminar - Kenner, LA</td>
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### Society News

**Brenda Gajan**, LES Executive Director

**CONNECT WITH LES ONLINE!**

Follow Us on Twitter! @laengsoc

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

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### Welcome New Members

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Members List</th>
</tr>
</thead>
</table>
| Alexandria Chapter       | Peter Ford, PE
Samantha Chatelain, PE Zachary Ardoin, PE Mason Dunbar, EI Under 30 Garrett Grayson, EI Under 30 James Fogelman, EI John Johnson, PE Cole R. Boudreaux, EI Under 30  |
| Lafayette Chapter        | Alanna DiVittorio, PE Aron Johnson, PE Amber Pete, EI Brooks Dallas, EI Joseph Penney, EI Rachel Maddock, EI Under 30 Kyle Renevier, PE Christopher Eisen, PE Bogdan Gojani, EI Under 30 Patrick Hennigan, EI 30 Travis Veillon, EI Under 30  |
| Shreveport Chaper        | Errol Long, EI Under 30 Grant Andries, EI Under 30 William Elliott, Jr., PE Jordan Dean, PE Laura Ellis, EI Patrick Hammett, EI Under 30 Brandon Greco, PE  |
Alexandria Chapter  
By Oliver Neal, PE

As we move forward into the 2019-2020 LES year, I would like to take the time to thank everyone in the Alexandria Chapter who helped make sure this year was a great one. Our Secretary, Ryan Barton, E.I. and President, Jacob Dillehay, P.E. worked hard to provide our chapter with interesting and fun continuing education and meetings.

Thank you to all of our members and volunteers who helped with the State Mathcounts Competition, particularly Josh Barrett, P.E., who organized the event. The same goes for Luke Miller, P.E., who organized our June Mathcounts Golf Tournament fundraiser. The events were a great success and enjoyed by all involved.

Our meetings will begin again in September of 2019. We typically meet for lunch on the first Tuesday of each month.

Our new Chapter Officers are as follows:

Oliver Neal, P.E. – Chapter President
Ron Bordelon, P.E. – 1st Vice President
Ryan Barton, E.I. – 2nd Vice President, and
Marcelin Joseph, E.I. – Secretary/Treasurer.

I look forward to working with this group to make this year another great one for the Alexandria Chapter.

Baton Rouge Chapter  
By: Kevin Beyer, PE

With just under 500 local LES members, we are planning for another active year in the Baton Rouge Chapter with our first luncheon in August being co-hosted with ASCE and featuring a top notch speaker. In addition, we are planning our monthly luncheons, Christmas luncheon, E-Week celebration, Clay Shoots, Golf Tournaments, Socials, and more. Be on the lookout for our local Chapter newsletter and meeting invite for details of who will be presenting in August and other upcoming events. The Baton Rouge LES board looks forward to our upcoming year and the opportunity to continue to support, promote, and protect the engineering profession.

Bayou Chapter  
By Benjamin J. Chiasson, PE

The following Bayou Chapter officers for the 2019-2020 term are as follows:

- President: Benjamin J. Chiasson, P.E.
- 1st Vice President: Kevin Rizzo, P.E.
- Sec-Treasurer: David Mabile, P.E.

The Bayou Chapter held its annual LES/AIA joint golf tournament on May 17, 2019 at La Tour Golf Course. Fortunately the weather was nice and attendance was great. Thanks to all the sponsors and those who volunteered for the event. It turned out to be a great success for both LES and AIA.

For membership information please contact me for more information – bchiasson@ddgpc.com.

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

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Lake Charles Chapter

By: James Geihsler, PE

As I begin this article, I’d like to mention several items about the yearly LES conference that was held in Gulf Shores this June. This conference has become a yearly tradition for many members not only for the opportunity to earn PDH’s, but to interact with members from across Louisiana including members from public, private, and industrial sectors. The Lake Charles Chapter was well represented, but it will be a chapter goal for next year to increase attendance from Lake Charles. As you plan for continuing education events and development opportunities, consider placing this event on your schedule for June 2020.

As many members know, Lake Charles is privileged to have local industry with worldwide experience. Our members benefit from having speakers with this experience present at our meetings. At our March meeting, Karl Peckhaus from Remedial Construction presented case scenarios on soil stabilization and strengthening techniques that have been implemented on projects across the country. Most recently Remedial Construction has been active on many of the LNG plants that are being constructed in the Lake Charles area. When building in the marshlands of southwest Louisiana, these lessons are immensely valuable.

Another unique presentation worth mentioning was held at our April meeting. Structural Preservation Systems who has projects worldwide and a local office in Sulphur, Louisiana provided our members a presentation on their service lines. Structural is able to assess aged concrete infrastructure and concrete facilities and provide recommendations that allow structures to be rehabilitated instead of reconstructed. Structural is active in the public and industrial sector. The cost and time savings gained by rehabilitating concrete structures can greatly benefit projects.

As the Lake Charles Chapter of the Louisiana Engineering Society plans meetings for Fall 2019, the meetings will continue to invite local leaders in industry. We anticipate having meetings on bid law, environmental reviews and Phase 1’s, ethics, and will continue to invite these members of local industry to discuss their projects and unique services.

The Lake Charles chapter meets the second Tuesday of each month during lunch. For additional chapter meeting information including opportunities to volunteer for local events or to be added to the email list, please feel free to call James Geihsler, PE, at (337) 214-6072.

New Orleans Chapter

By: Raoul Chauvin, PE

In August, we had our Annual Planning Retreat to discuss the activities for the coming year, such as monthly meetings venues and potential topics, Chapter Scholarship Awards, support of our two local engineering schools (UNO and Tulane) and raising revenue through our 12th Annual NO-LES Golf Tournament, to be held on Friday October 18th at Audubon Park, and our Chapter Sponsorship Program.

At the time of this printing, the date and featured speaker for the September meeting had not been secured. However, notification will be provided in advance with those details. As always, one (1) PDH will be provided for those in attendance.

Presently, the New Orleans Chapter has over 300 members. My goal is to continue to sustain and grow our membership by bringing an awareness to the benefits of our organization such as our NOLES Chapter Scholarship Program, supporting the Engineering Forums both at Tulane and UNO, MATHCOUNTS, FRC First Robotics competitions and other worthy causes as funding will allow.

I look forward to working with my new board members, both locally and statewide, and future LES members!
Public Relations
By: Chad Bacas, PE

On the public relations front, LES had a very active summer. In May, our Louisiana MathCounts team finished 21st at the national MathCounts in Lake Buena Vista, Florida. Congratulations to our team made up of Alex Wu representing LSU Laboratory School, Julian Vertigan representing Vertigan Family Homeschool, Ryan Ding and Ethan Guo and their coach William Bankston representing Glasgow Middle School.

If you didn’t make it to the Gulf States Annual Meeting this summer at the new location at The Lodge at Gulf State Park, you missed a great event! Thanks to all the hard work by the committee and staff to make the event a success! It always makes it easier to earn your continuing education when you know you have the beach right next door. During their meeting at the facility, the board approved and included in their budget funds to make some substantial enhancements to our website. Thanks to the work of the adhoc committee, we should see a more interactive website in the coming year and hope to utilize the site serving as an informational portal for upcoming and current events, as well as a marketing tool to potential members.

As LES had a fairly busy legislative session (albeit just a fiscal session), we can’t stress enough the importance for our fellow engineers and members getting involved in the 2019 elections as we will have a major turnover in the House and Senate this fall. As we lean heavily on our lobbyist, Haynie and Associates, for tracking the open House and Senate seat races we must also shape our future and set the tone for legislative agendas in the upcoming years. As we anticipate a more independent and conservative legislature we must let those that have recently qualified know our agenda in hopes that they will promote and provide for a growing economy and better infrastructure. Please make a phone call or reach out via email to your representatives and find out their agendas and to let them know yours!

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

The first LEF Louisiana Transportation Partners golf tournament was held on May 3 with over 100 golfers participating. The event was held at Koasati Pines in Kinder and raised a little over $7,000 for the LEF scholarship funds. This tournament was the continuation of transportation golf tournament that was held for over 56 years and was the brainchild of Willie Taylor. Willie passed away this year and was cherished by all who knew him; he will be missed. A special thanks to Mark Morvant, Gavin Gautreau, Allison Landry, Melissa Lee, Fred Borne, Brin Ferlito, Whitney Robichaux, Brenda Gajan and John Plaisance for their assistance in organizing and running the tournament. Also thanks to our food sponsors: T. Baker Smith, Ergon, Vulcan, sign sponsors Construction Materials and koozies sponsor Digital Engineering. Because of all your efforts and support, the inaugural tournament successfully raised funds for much needed engineering scholarships. We are looking forward to next year’s tournament.

The Flight winners were:

<table>
<thead>
<tr>
<th>Championship</th>
<th>Barry Lacy</th>
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<tbody>
<tr>
<td>First</td>
<td>Todd Kidder</td>
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<tr>
<td>Second</td>
<td>Nick Ferlito</td>
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<tr>
<td>Third</td>
<td>Eric Marx</td>
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<td>Fourth</td>
<td>David McFarland</td>
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<td>Fifth</td>
<td>Brian Buckel</td>
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<td>Sixth</td>
<td>Prasanth Malisetty</td>
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<tr>
<td>Seventh</td>
<td>Frank Zemmer</td>
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<tr>
<td>Eighth</td>
<td>Tommy Mayo</td>
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<tr>
<td>Ninth</td>
<td>Zachary Ardoin</td>
</tr>
</tbody>
</table>

Because of our successful fundraising efforts, we have many scholarships available that are awarded to undergraduate engineering students attending a Louisiana University. We received 356 applications, and awarded 21 scholarships totaling $20,983! Thank you for your contributions to funding these scholarships.

The link to the application form is on the LEF website. Scholarship applications are due no later than November 30, 2019, to be considered. If you know of engineering students that may be interested, please direct them to the website.

Please consider making a donation to the Foundation and the future engineers of Louisiana. Contributions to the Foundation will help us to meet the obligations of funding scholarships; they do not need to be directed to any one scholarship. If you choose, you can direct your donation to be added to one of the existing endowed scholarships or your local Chapter’s efforts to create a scholarship. You may indicate on the pledge card if and where you would like your donation to be directed.

All donations made to the Foundation are tax deductible and will result in the funding of scholarships for engineering students in Louisiana. Thank you for your consideration and support of the Engineering Profession in Louisiana.

Please visit the LES website, www.les-state.org, for a copy of the donation form or contact the LES office at 225.924.2021.
Engineering Education

By: Jeffrey A. Pike, P.E.

Most of us recall the three-legged stool analogy for the three primary engineering licensure requirements. I like that, and have you ever heard of the four ‘E’s as the path to licensure as a professional engineer? Education, Exams, Experience, and Ethics. I like that even better. Whichever you prefer, Engineering Education is a critical component.

Our state’s laws and rules offer more than one path to meet that education requirement, however, an accredited engineering curriculum of four years or more seems to me to be the best choice in accordance with the Louisiana Professional Engineering and Land Surveying (LAPELS) Board Rule 1101.B. This choice is also the shortest path to licensure, as the experience requirements vary with Engineering Accreditation Commission (EAC)/ABET engineering degrees versus non-EAC/ABET engineering and/or related science or engineering technology degrees.

A degree program which simply has the word engineering in its title is not necessarily an engineering degree. Some examples are engineering management, construction engineering technology, electrical engineering technology, and civil engineering technology. The first example is a management degree. It’s not even a related science or engineering technology degree. The others are technology degrees. There are numerous examples of degrees like this which are certainly not engineering degrees.

If a potential applicant has already completed an undergraduate degree which is non-accredited and/or non-engineering, the LAPELS staff informs them that the option with the least uncertainty to resolve the problem is to go back and earn an accredited engineering undergraduate degree. At first glance, this may seem unreasonable, but there is possibly less time involved in completing a second undergraduate degree, this time that is accredited engineering, than in getting an acceptable graduate degree. Rule 1105.A which states, “Acceptable engineering graduate degrees are those in an engineering discipline or sub-discipline from a university having an undergraduate accredited engineering curriculum in the same discipline or sub-discipline and which require the removal of deficiencies in science, mathematics, engineering sciences and engineering design as a prerequisite to the graduate courses; or are those found by the board to be equivalent to such degrees. The successful completion of a minimum of 48 semester-credit-hours of coursework in engineering sciences and engineering design is required in order to remove deficiencies in engineering sciences and engineering design.” In order to maintain consistency in the way in which applications are reviewed by LAPELS, all applicants with this educational scenario must obtain a credential evaluation to ensure their education meets the National Council of Examiners for Engineering and Surveying (NCEES) educational standard.

The best fit for a graduate degree is one which matches the undergraduate degree. For example, a civil engineering graduate degree best follows a civil engineering undergraduate degree. Of course, if one already has an accredited civil engineering degree then a graduate degree would not be necessary to meet the educational requirement for licensure.

Some graduate engineering degrees might help overcome the deficiency of a related science or engineering technology undergraduate degree better than others. For example, Chemical Engineering with Chemistry; Mechanical Engineering with Physics; or Civil Engineering with Construction Engineering Technology are related well. Undergraduate degrees in Mathematics, Architecture, Oceanography, or Photography are unlikely to find a good match.

Non-engineering degrees are missing critical coursework in engineering sciences and engineering design. For example, an accredited construction engineering technology curriculum may require algebra, trigonometry, and one 3 semester-credit-hour calculus overview course compared to a civil engineering curricula requirement for algebra, trigonometry, and five 3 semester-credit-hour calculus courses including differential equations.

The applicant must show evidence of the removal of deficiencies in science, mathematics, engineering sciences and engineering design as a prerequisite to the graduate courses. There is a significant difference between being admitted to a graduate engineering program and pursuing engineering licensure. The argument some applicants make, is ‘my school admitted me to the program with my xxxxx degree and did not require all the pre-requisite courses LAPELS is requiring’. Some applicants make the same argument when LAPELS requires them to attain a credential evaluation for their unaccredited undergraduate degree. The LAPELS response is that universities and LAPELS have different requirements because each entity has a different intended purpose and/or end result. The LAPELS purpose and responsibility is to “safeguard life, health, and property and to promote the public welfare”. University graduate programs do not have that same purpose or responsibility.

If an applicant does not have an accredited undergraduate engineering degree, then deficiencies do exist. It is insufficient and inappropriate to rely on a subjective analysis by a graduate school coordinator or even a pre-test of subject matter to justify whether deficiencies exist.

Prerequisite means these deficiencies are removed before beginning the graduate degree coursework. The coursework required for an undergraduate degree in engineering is the remedy for the deficiencies. Graduate degree coursework alone is not the remedy.

Here’s the bottom line. The successful completion of a minimum of 48 semester-credit-hours of coursework in engineering sciences and engineering design is required in order to remove deficiencies in engineering sciences and engineering design.
PRESENTERS AND EXHIBITORS NEEDED FOR 2020 JESC

Join us and over 300 engineers from across the state when we meet in Lafayette for the 24th Annual JESC. We are looking for individuals who would like to conduct a seminar on an engineering related topic of your choice during the JESC, January 28 - 30. Each 50 minute seminar will provide one Professional Development hour and the conference registration fee for presenters is waived.

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

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

LES 2020 Honors & Awards

LES will honor eight engineers who have achieved high levels of professionalism, technical ability or civic support. The desire of the Society is not only to recognize the distinguished service of these individuals, but to also encourage and inspire other engineers to take a greater interest in their specific field. Please give serious thought to one of the awards listed. Nominations should be made through your local chapter and are due to the State Office by November 8, 2019.

THE EIGHT CATEGORIES ARE:

1) A.B. Paterson Medal for an Engineer in Management
2) Andrew M. Lockett Medal for Civic Activities
3) James L. Todd Technical Accomplishment Medal
4) Leo M. Odom Award for Service to the Profession
5) Charles M. Kerr Public Relations Award
6) F. Hugh Coughlin Young Engineer Award
7) Waldemar S. Nelson President's Award
8) Dudley Hixson – Bobby Price National Professional Achievement Award
Louisiana Engineering Society (LES) is the only active engineering society in Louisiana that represents the interest for all engineering disciplines. LES is working with engineering advocates from private practice, government, education, industry, and construction fields for over a century to ensure the profession continues to thrive. LES has members from every region throughout the state and as such, our LES Board of Directors is a parallel representation of engineers throughout the state. LES continues to work with LAPELS and other engineering societies on the various educational, community, and legislative activities throughout each year. In the 2018-2019 calendar year, LES was able to contribute to or conduct the following activities:

- LES Local and Statewide MATHCOUNTS Competition. This is designed to promote STEM learning in our younger generations with a concentration in Math.
- Continuing Educational Opportunities which include:
  - Joint Engineering Societies Conference (JESC) in January 2019 (357 attendees)
  - Gulf States Engineering Conference in June 2019 (79 attendees and 20 Exhibitors)
  - Life Safety Code Seminars (149 attendees)
  - ADA Compliance Seminars (29 attendees)
  - Project Management Professional Seminar (41 attendees)
- 2019 Legislative Session activities included several bills that were either defeated by LES or advocated for in an effort to sustain and improve our professions integrity. LES continues to employ our lobbyist, Haynie and Associates, to engage in the required monitoring of all legislative bills that could either help or potentially hinder the integrity of our profession. We will again remain vigilant in the 2020 legislative session with Haynie and Associates as we have extended our contractual relationship through the 2020 session activities.

LES has experienced an exponential growth over the last several years with our latest rate model change which has substantially decreased the cost for our members to only $95/year. We look forward to continuing to provide our membership with periodic updates of our ongoing activities within the society and hope that the members will assist in fostering our profession to be the best it could possibly be.

In closing, I would ask that you consider reaching out to another engineering colleague and ask them to become active in your local chapter of LES. We look forward to talking with all new or potential members and listening to fresh, innovative ideas on how to make LES an organization that is second to none. Please feel free to email me [tylerc@portcb.com] or our Executive Director Brenda Gajan [brenda@les-state.org] if you would like more information about our society.

SAVE THE DATE

JOINT ENGINEERING SOCIETIES CONFERENCE

January 28-30, 2020

at the Doubletree in Lafayette, La
ACEC/L is pleased to announce it will host a statewide competition to recognize engineering firms for projects that demonstrate an exceptional degree of innovation, complexity, achievement and value. Any firm engaged in the private practice of consulting engineering or surveying in the state of Louisiana is eligible to enter the awards program whether or not the firm is an ACEC of Louisiana member. Projects may have been executed anywhere in the world, but a substantial role must have been completed by personnel in a Louisiana office. Awards will be presented to the firm and owner/client at the Engineering Excellence Awards Ceremony to be held the evening of November 21, 2019 in Baton Rouge, Louisiana.

**DATES TO REMEMBER:**
- July 14, 2019: Call for Entries
- September 16, 2019: Submission Due Date
- October 10, 2019: Award Recipients Notified and Announced
- November 21, 2019: Awards Ceremony

Visit: [http://eea.acec.org/louisiana](http://eea.acec.org/louisiana)

**Congratulations to the 2019-2020 ACEC/L Board of Governors**

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LES Presents 7 Opportunities for PDH Hours

Life Safety Code Seminars - By: Warren Bonisch, PE

Monday, September 9, 2019 @ Courtyard Shreveport-Bossier City/LA Boardwalk
Wednesday, September 11, 2019 @ McNeese State University in Lake Charles
Friday, September 27, 2019 @ UNO - University Events & Protocol in New Orleans

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

- Member Rates: Morning or Afternoon Session only - $125
  All-Day Session - $230
- Non-Member Rates: Morning or Afternoon Session only - $160
  All-Day Session - $325

Register online at: https://tinyurl.com/y4yspl37

ADA Seminars - By: Brett Bayard, PE, PLS

Friday, September 13, 2019 @ the Baton Rouge Marriott
Monday, September 23, 2019 @ Courtyard Marriott in Lafayette
Wednesday, September 25, 2019 @ Doubletree by Hilton/New Orleans Airport in Kenne

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

- Member Rates: Morning or Afternoon Session only - $125
  All-Day Session - $230
- Non-Member Rates: Morning or Afternoon Session only - $160
  All-Day Session - $325

Register online at: https://tinyurl.com/y4yspl37

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

Wednesday, October 23, 2019 @ LA DOTD Transportation Training & Education Center
8:00 a.m. – 4:30 p.m.
Member Rate - $230          DOTD Employee - $230          Non Member Rate - $325

Register online at: https:// conta.cc/2SCHCIf
Capitol View: from Haynie and Associates

www.haynieandassociates.com

The 2019 session adjourned on June 6th and Legislators whom are not termed out have transitioned to campaign mode, as all 144 legislative seats and statewide offices are up for election this year. LES had a great session in 2019 with the following two highlights:

Defeated HB 354/Falconer – AIA bill to remove the Civil Engineering exemption from the architect licensing and registration law.

Passed HB 196/Falconer – Exempts LAPELS from the six-month notice requirement on disciplinary proceedings.

This coming election cycle will see a sizeable turnover in the legislature, as term limits and other factors will result in around 40% first term members in each body. This makes it very important for LES members to get to know and support the candidates running for State Representative and Senator in your region. Never hesitate to reach out to us for our insights on those races.

The trend has been that the legislature will continue to get more Republican, which will influence the leadership races for Speaker and President. Another major factor in the next legislative cycle will be the outcome of the Governor’s race, where incumbent John Bel Edwards (D) has a strong war chest of nearly $10M as he attempts to fend off GOP challengers Congressman Ralph Abraham and businessman Eddie Rispone.

Here are the key dates:

August 6-8
Candidate Qualifying – all legislative and statewide positions

October 12
Primary Election (Louisiana has open primaries - where the top two candidates with the most votes move to the runoff – even if in the same party)

November 16
Runoff Elections

January 13, 2020
Swearing in and new process of an independent/secret ballot election of Speaker of the House and President of the Senate – followed by committee chairs and committee assignments announcements during February

2020 session:

Mark your calendars as the Louisiana 2020 Legislative Session is set to begin on Monday, March 9, 2020 and adjourn on Monday, June 1, 2020.

It is never too soon to start preparing for the 2020 session, we are ready and look forward to working with the LES team in preparation!

Do not forget to vote October 12th and November 16th.
Before digging, call 811 at least two full work days in advance.

That’s all it takes to notify LA One Call members, so they can mark nearby utility lines and pipelines to prevent injury and costly accidents.

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