

Louisiana Engineer & Surveyor Journal

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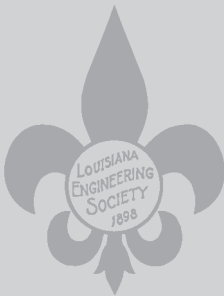
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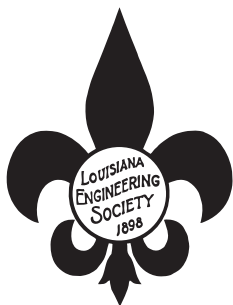


ACEC/L announces their new President and CEO!

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ACEC/L 2021-2022
Chairwoman of the Board

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ACEC



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LOUISIANA ENGINEER AND SURVEYOR JOURNAL

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2) All ads must be prepaid. Advertisements with payment should be sent to LES by the 15th of the month preceding month of issue.

3) Published quarterly, February, May, August and November.

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Brenda Gajan, *Managing Editor*

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

Message from the Chairman

Jeffrey A. Pike, PE

How Well Do You Know Your ABCs ?

I thought recently about how as we age, or mature, we tend to learn more about what we like and don't like. The trouble is that I've also noticed that as I age I don't always remember as well as I used to. For example, recently, I bought what I thought would be a great tasting salad. Evidently, I forgot that I do not like the taste of blue cheese dressing. My wife even said, "I was surprised you picked that one. I didn't think you liked blue cheese." It's a good thing I had some mouthwash handy.

Do you remember when you first learned your ABCs? Remember the cute little tune? "A, B, C, D, ... E, F, G," It's the same tune for "Twinkle, Twinkle, Little Star", and, it's similar to "Baa, Baa, Black Sheep". (Try humming each one to check for yourself.)

So, back to the Alphabet song. Each of those learned letters were basic building blocks, the foundation, if you will, for our entire ability to communicate effectively in writing and verbally in our futures. So important, yet in need of so much more. Numbers were the same way. Learning to count to ten, then to one hundred, then understanding how negative numbers fit on a number line, dealing with decimals, fractions, etc. These early accomplishments along with so many other foundational skills set us up for our future.

If not built upon by higher-level, critical-thinking skills, it would be like an abandoned construction site. Everyone drives by sadly wondering if anyone will ever get the structure off the ground. It takes a combination of education and experience. We need mentoring relationships. We need continuing professional development. We need challenges to our status quo. We need self-reflection and character development. We need practice of our team building, leadership, problem solving, and communication skills.

What are you doing for personal and professional

development for yourself? And, if you have employees, what are you doing for them?

Here are some of my thoughts for 2022 using the ABCs as a guide.

Avoid deceptive acts. **Be** considerate of others. **Count** your blessings. **Don't** miss opportunities to help others. **Enjoy** your friends and family. **Find** a way to cheer someone else up. **Give** more. **Honor** God. **Integrity** matters most. **Joy** is a choice. **Keep** on keeping on. **Love** isn't just a tennis score. **Mentor** someone. **Next** time, apply the lessons you have learned. **Open** your heart and mind. **Procrastination** is the arrogant assumption that God owes you another chance to do tomorrow what He gave you a chance to do today." (Bishop Rosie O'neal) **Quality** doesn't happen by itself. **Right** vs. Wrong in your company depends on your example. **Stop** the Groupthink and the Abilene Paradox on your teams. (Look it up.) **Think** outside the box more. **Understand** your weaknesses. **View** the problem from the other person's perspective. **Write** down your goals and objectives. **Extraordinary** work products and services are a result of a well-developed team working together. **You** shouldn't waste opportunities to do good. **Zoom** gets old, but it is a useful tool.

Now I have said my ABCs. Next time won't you sing with me?

Our LAPELS staff and board members are continually working to "safeguard life, health, and property and to promote the public welfare". We are always looking for ways in which we can be more responsive to our registrants, applicants, and the public.

This will be my last article as chairman, and I have been truly blessed to be a part of a great team at LAPELS. The best of these blessings has been the people. That includes you. I leave with a grateful heart.



Jeffrey A. Pike, PE
Chairman

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AND LAND SURVEYING BOARD

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How to Work with Five Generations

Donna Sentell, Executive Director

With all the talk about diversity in the workplace, what often gets lost is that licensing boards, including LAPELS, with their employees and licensees, are most likely dealing with five very different generations: Traditionalists, Baby Boomers, Generation Xers, Millennials and Gen Z.

For instance, the age span for LAPELS licensees, those currently in Active or Retired status, range in age from 25 to 99 years. Current LAPELS board members have a 36 year age span from youngest to oldest and there is a 30 year age span among the LAPELS staff.

This past summer my counterparts from around the country and I had the opportunity to attend a virtual session with Haydn Shaw, a nationally recognized expert on generations, leadership and working together. His presentation, [How to Get the 5 Generations Working Together](#), gave us a better understanding of how to get things done as we deal with the various generations every day in our office, whether managing our staff or dealing with board members and licensees.

Different generations have different ways of working, thinking, communicating and even how they dress. For instance, a **Baby Boomer** might routinely hand write and receive simple thank-you notes, something that is probably alien to a **Millennial** born 36 years later. A member of **Generation X** born between 1965 and 1981 may have trouble relating to a member of The Greatest Generation, which endured the Great Depression and World War II. Someone over 50 might struggle with technology that a member of **Generation Z** – 1999-2012 – has known all their life. The point is diversity in the workplace is not limited to genders, color and sexual orientation.

It means our licensees, board members and employees have different ways of managing their time, words they use and how they interact with colleagues. It means when five generations span 120 years it is a good idea to remember that how you view the world may be very different from your boss, who is 25 years younger, or the veteran who helped liberate France on D-Day and has been attending church every Sunday all his life.

Members of The Greatest Generation, also known as **Traditionalists**, are slowly disappearing from the workplace; this group covers those born between 1901 and 1945. But those who remain gainfully employed are known to have great respect for authority and a high degree of loyalty to their careers and bosses. They did not grow up with smart phones, laptops and the chance to take a ride in space for \$500,000. They put up with war rationing during two world wars and introduced women to the workforce to help win both wars.

They also fathered **Baby Boomers**, who had more money than their parents could have imagined, which allowed them to attend college in record numbers and buy a house in the suburbs. **Baby Boomers**, born between 1946 and 1964, were also shaped by the assassination of President John Kennedy in 1963, the Vietnam War that sparked nationwide protests and social upheaval. Board offices may also feature an inordinate number of **Baby Boomers** because, unlike their parents, they do not see 62 or 65 or even 70 as any kind of mandatory retirement age. The same generation that used to brag about not trusting anyone older than 30 still feels like they can handle a 40-hour workweek, with something to offer.

The cluster known as **Gen X** – 1965-81 – carry that label because they are hard to define. But it means one of your colleagues might have been a latchkey kid – their home was empty when they got back from school – because of soaring divorce rates and more moms working outside the home. Unlike the Greatest Generation, they are skeptical of authority. They are also the first to assume college was in their future. They grew up watching the collapse of the Berlin Wall, the resignation of a president and the attempt on the life of another president.

Workers in their prime, or fast approaching it, are called **Millennials** and were born between 1982 and 1998. For them the internet, mobile devices and social media have always been around. They think nothing of waiting until they are well into their 30s to get married and have children, more than a decade later than their parents and grandparents.

Baby Boomers and others might keep a few things in mind when they make small talk with **Millennials**, who often see little value in religion and may come across as more adventurous than their seniors. This generation was marked by the



Donna Sentell
Executive Director

Challenger disaster on live TV, the invasion of Iraq and the Oklahoma City bombing in 1995. This group is also better educated, and embraced a more rigorous curriculum, than previous generations.

The youngest group, **Gen Z**, born between 1999 and 2012, are just starting their careers. Many are recent college graduates and may hope to someday obtain a license as a professional engineer or professional surveyor. This group loves technology, live on social media, are well educated and are often without some of the communication skills that their parents honed. They tend to be politically liberal, have short attention spans and are big on social responsibility, like how to address climate change. They grew up when the U. S. elected its first black president, gender equality took center stage and gun violence and school shootings periodically rocked the nation. Most in this group were not even born or were just toddlers and too young to remember the attacks on 9/11.

LAPELS staff members work hard to be responsive and attentive to our applicants, licensees and the public. What it all means for the LAPELS staff is this: engineering and surveying are highly defined professions but those who work in and with these professions come from radically different backgrounds. Being mindful of the diversity, the life experiences and influences of those we deal with every day can help us in bridging the gap between the five generations that span more than a century.

LAPELS BOARD MEETINGS FOR 2022

Monday, April 4
Monday, May 23
Monday, July 25
Monday, October 10

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LA PROFESSIONAL ENGINEERING
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NEWLY CERTIFIED & LICENSED • OCTOBER 1 - DECEMBER 31, 2021

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Dunn, Thomas Alva, PLS
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Black, Ryan Wayne, EI
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Bolen, Brandon Kyle, EI
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Castille, Bradley Cooper, EI
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Coco, Cameron Aaron, EI
Crittenden, Jordan Derek, EI
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El Khoury Antoun, Jad, EI
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Greco, Brice Alexander, EI
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Hansen, Luke Morrison, EI
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Hilyer, William Eugene, PE
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Hostetler, Mark William, PE
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 Keck, James Scott, PE
 Kelly, Jeffrey, PE
 Kennedy, James William, PE
 Khanal, Nishedh, PE
 King, Darren, PE
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 Kolak, Brian David, PE
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 Krier, Christopher John, PE
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 Songy, Elizabeth Hutchinson, PE
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 White, Sava, PE
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Licensees and Certificate for the following individuals and firms that expired on September 30, 2021. If any listing is not correct, please contact cande@lapels.com.

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LeBoeuf, Benson John, LSI
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Deblieux, Jefferson Davis, PLS
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Belcher, Kendall Ke'vonn, El
Bellamkonda, Srinivasa Anusha, El
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Board, Jennifer Anne, El
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Britt, Samuel Allan, El
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Chopin, Marcus D., El
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Cojanu, Bogdan , El
Collet, Patrick T., El
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Combs, Jeremy Allyn, El
Connolly, John Patrick, El
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Cordell, Caroline Blakeley, El
Cornelius, Craig Walter, El
Coronel, William David, El
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Daigle, Jake Jacob, El
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Eberhart, Scott Allen, El

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Campus Outreach at Louisiana Tech

Donna Sentell, Executive Director

and Janet Lindsey, Application Manager

Visiting campuses to promote the importance of licensure is one of most rewarding parts of working with the LAPELS board.

The pandemic these past two years has all but eliminated our ability to meet face-to-face, and we have definitely missed the personal contact with students, staff, and faculty at the universities around our state.

But, in early December we went to Ruston and spent a day and a half visiting with students and made three presentations on the Importance of Licensure. Over 250 students were in attendance at these presentations and the conversations at our table in the foyer. Louisiana Tech has an impressive facility for its engineering students -- the Integrated Engineering and Science Building. The IESB opened in 2019 and is a three-story, 130,000 square-foot facility which provides classrooms, labs, study areas, and great places for students to relax, play ping pong or corn hole, or just socialize with their classmates and professors. coes.latech.edu/about/iese-building/

Current board members, Jeff Pike, P.E. and Reggie Jeter, P.E, helped to organize and plan our visit and invited emeritus members from the area to come and help with the presentations. We were fortunate to have eight former board members with us including: Charles Coyle, P.E., P.L.S. and Charles Coyle, III, P.L.S.; Kevin Crosby, P.E., P.L.S.; Roger Danzy, P.E.; Richard Durrett, P.E., P.L.S.; Jerry Lazenby, P.E., P.L.S.; Billy Moore, P.E.; and Paul Hale, Ph.D., P.E. All of these board members have some connection to Louisiana Tech, and what a great way to spend the day representing LAPELS and the profession. We especially thank Dean Hisham Hegab, Ph.D., P.E.; Associate Dean Heath Tims, Ph.D.; and IESB Building and Events Coordinator Maggie Bundy for their help, hospitality, and making our visit a success.

Hopefully, we can turn the corner in battling the coronavirus and spend lots more time hearing from students and professors on how we can help them reach their goals.



Donna Sentell
Executive Director



Janet Lindsey
Application Manager





Presidential Privilege

Tyler K. Comeaux, P.E.



Tyler K. Comeaux, P.E.
Louisiana Engineering Society President

LES
LOUISIANA ENGINEERING SOCIETY

Happy New Year to all of you – I hope this finds you off to a great start with a promising future for a prosperous year!

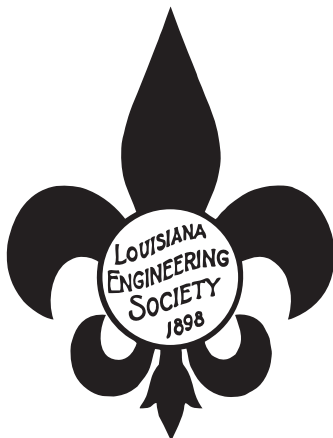
Our Louisiana Engineering Society has started out with a great showing at our Joint Engineering Society Conference. We are happy to have all of our members beginning to get back into the normal social aspects of our society. JESC exceeded expectations with 49 exhibitors and 400+ attendees. We also hosted our annual awards luncheon where we honor this year's award recipients. Congratulations to all of our award recipients, you are a great asset to our society and profession!

We are beginning a membership drive where we will be offering some great incentives for both existing and new members. Please stay tuned for updates from your Chapter Presidents on these upcoming changes and improvements.

As we go into Engineer's week (February 20-26, 2022), I ask all of you to consider getting involved in the community through MATHCOUNTS, or other STEM activities for kids. If we can all help promote our profession through STEM activities, I have full faith that engineers will continue to excel and break through barriers for generations to come.

In closing, LES will be offering additional PDH opportunities throughout the spring months. ADA and Life Safety Code classes will continue to be offered at various locations throughout the state. Additionally, LES will be offering five (5) PDH hours in conjunction with the upcoming 3rd Annual LEF Transportation Partners Golf tournament, which will be held on May 19th and 20th at Carter Plantation Golf Course. As many of you may know, the LEF Transportation Partners has been a huge success and has continued to raise money for our annual scholarships given to engineering students throughout the state. We look forward to hosting you and your colleagues for a fun couple of days at the Golf Tournament and Conference.

I invite you to contact me (tylerc@portcb.com) with any thoughts, suggestions, or comments on how we can continue to improve our society or profession.



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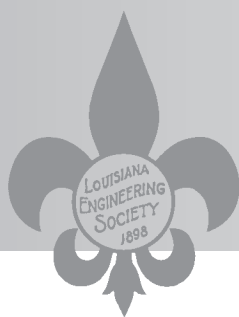
LES PE Annual Dues \$101

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Society News

Brenda Gajan, LES Executive Director

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2021-2022 Louisiana Engineering Society Board of Directors

Front row; Alan Krouse, PE, Hagan Lawrence, PE, Chad Bacas, PE, Tyler Comeaux, PE, William Luke Miller, PE, James Ellingburg, PE, Melanie Caillouet, PE, Brenda Gajan

Back row; Jason Thornhill, PE, Andy Shread, PE, Clinton Patrick, PE, Rachel Kenney, PE, Jeffrey Pike, PE, Jennifer Gemar, Laura Barnes, PE, Ryan Barton, PE, Alvin Roy Phelps, PE, Kaylin Partin, PE

CALENDAR OF EVENTS

February 2022

- 1 LES & LEF Board Meeting — Lafayette, LA
- 2-3 26th JESC Conference and Honors & Awards Spring Meeting — Lafayette, LA
- 15 Al Dunn's Endowed Scholarship Begins
- 17 MATHCOUNTS Chapter Competition

March 2022

- 11 MATHCOUNTS State Competition — Pineville, LA
- 14 Legislative Session Starts
- 24 Life Safety Code Seminar — Bossier City, LA & GoToWebinar

April 2022

- 7 ADA Seminar — Baton Rouge, LA & GoToWebinar
- 11 LES Board Meeting — LA Tech, Ruston
- 15 Deadline for copy, *Louisiana Journal*, May issue
- 15 Deadline for Al Dunn's Endowed Scholarship

WELCOME NEW MEMBERS

Alexandria Chapter

Joshua Bartley, Student Member
Jordan Derek Crittenden, EI
Zachary Mayes, Student Member
Joseph Pellittieri, Student Member
Carly Jo Phillips, EI
Jacob Smith, Student Member

Baton Rouge Chapter

Harith Bahjat Al-Aloosi, PE
Albert Lucius Bignar, EI
Bonton Associates, Corporate Sustaining
Clark Richard Broussard, PE
Drake Willam Cowart, PE
Steven M. Curran, Jr., PE
Philip Joseph Estopinal, EI
Abbey Marie Falcon, PE
Amanda Lynn Fast, PE
Ryan Blake Fontenot, PE
Damien Glaser, EI
Damon Gonzales, PE
Frederick Hamilton, EI
Heather Jordan Harrison, EI
Samuel Marcus Russell Jacobs, PE
Madeline Klein Kirby, EI
Jake Daniel Lambert, PE
Max Louis Lemoine, PE
Byron Francis McCaughey, Ph.D., PE
Scott Matthew Naquin, PE
Leia Khe Nguyen, EI
Alison Nissen, PE
Jared P. Purgatorio, PE
Sydney Michael Rigby, EI
Keith Salais, PE
Kristy H. Smith, PE
Dale Leonard Steib, PE
Aaron Bell Tanzer, PE
Jacques Marlette Tassin, EI
Connor James Tiersch, EI
Gabrielle Tranchina, EI
George Cortney White, PE

Bayou

Drake Olivier, EI
Matthew Rodrigue, PE

Lafayette Chapter

Macie Cai Andrus, EI
Parker Weston Ardoin, EI
Alaric Bloss, Student Member
Andrew John Brady, PE
Cameron Aaron Coco, EI
Aaron Paul Cook, PE

Coy Delahoussaye, Student Member
Katherine Ann Foreman, PE
Jude Terry Fuselier, PE
Louis R. LaBruyere, EI
Ridge Michael LeBlanc, PE
James Clifton Marshall, PE
Nicholas Todd Miller, EI
Morgan Goudeau & Associates, Inc.

Corporate Sustaining
Johndavid McAlpine Nickel, PE
Ian J. Ransonet, EI
Tanner Carleton Shaddox, EI
Seth James Thibodeaux, PE

Lake Charles Chapter

Breanna Cross, EI
Patrick Cusey, PE
Patrick Gerard Juneau, II, EI
Andrew Kyle LeBlanc, PE
Samuel Lueck, Individual Sustaining
Holden Paul Marceaux, EI
Colton Sanner, Individual Sustaining

Monroe Chapter

Mathew Alvarez, Student
Joshua Scott Bonner, PE
Cullen C. Clark, EI
Jacob Hampton, Student Member
Jacob Malone, Student Member
John Andrew Moore, PE
Jesse Munoz, Student Member
Kaleb Nolan, Student Member
Michael Olinde, Student Member
Allan Pineda Flores, Student Member
Ryder Walters, Student Member
Joel Wells, Student Member
Mashack Whorton, Jr., Student Member

New Orleans Chapter

Cooper G. Ashworth, EI
Satish Bastola, II, Ph.D., EI
Daniel Bobeck, PE
Cameron Taylor Broussard, PE
Daniel Michael Cimino, PE
Asher Cohen, PE
Alyssa Marie DeLattre, EI
Jessica Marie Dembrun, PE
Shirley-Luz Enombo, PE
Aidan Ross Eymard, PE
Joel Christian Howard, PE
Stephen William Hurdle, PE
Karen S. Irion, PE
Kahalealii Ted Ishikawa, EI

Ashley Elizabeth Johnson, EI
Katherine Faye Jones, EI
Drew Peyton Kennedy, EI
Jacob Stephen Knoles, PE
Bart Lacombe, EI
Edward Landry, Student Member
Daniel Lee, EI
Mitchell Gordon Malone, EI
Paul Joseph Mandella, III, PE
Joshua Manriquez, EI
Summer Matherne Martinez, PE
Laura Christian Miller, EI
Kenneth Andrew Naka, PE
Hieu Trung Nguyen, EI
Michael Dylan Persson, PE
Raymond Poche, EI
Zachary Lee Portrey, EI
Hunter Vincent Protti, EI
Mason Ray, EI
Revolution MEP, Corporate Sustaining
Ashley Elizabeth Ruh, PE
Sarah Ann Servat, EI
Gabrielle Kathleen Simon, EI
Jonathan Prentiss Smith, PE
Mohammad Sulieman, EI
Jared Joseph Tonglet, EI
Kirk Trombatore, PE
Frederick Umbach, Jr., EI
Sydney Wentzell, EI
James Michael Williams, PE
William Walter Wilson, IV, EI
Benjamin Andrew Wolf, EI
Peter Elm Wood, PE

Non-Resident Chapter

Bryan Barnes, EI
Anthony Bui, EI
Garrett Anthony Childress, EI
Jad El Khoury Antoun, EI
Margaret Kelly, Student Member
Nicholas Olsen, EI
Frank Wilmar Wynne, III, EI

Shreveport

Ryan Wayne Black, EI
James Austin Hagan, III, EI
Jon Hale, Student Member
Charles Bradley Morton, PE
Nicholas Robert Mueller, EI
Ann Pozniak, Student Member
Brandon Rosalis, Student Member

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.



Alexandria Chapter

By: Ryan Barton, PE

The Alexandria LES Chapter is continuing to host interesting and informative presentations at our monthly chapter meetings. Since the last Newsletter in November, the chapter had Mr. Andy Dressel with Gulf States Engineering present "Understanding Electrical from the Perspective of a Mechanical Engineer" at the chapter's November monthly chapter meeting, Mr. Matt Johns with the Rapides Area Planning Commission present "Long Range Transportation, LA Watershed Initiative, Interstate Flights, Etc." at the chapter's December monthly chapter meeting, and Ms. Jennifer Gemar with Distran present "General Overview of Utility Projects from Start to Finish" at the chapter's January monthly chapter meeting.

The chapter's meeting dates for the remainder of the year are as follows:

2022: March 1st, April 5th, May 3rd

At each of our monthly chapter meetings, a speaker will present an engineering or ethic related topic that will account for One (1) PDH credit. We encourage and invite all engineers in the Alexandria area and surrounding areas to attend our monthly chapter meetings to take advantage of this opportunity and to also become active in the Chapter. If anyone has any questions, you can contact me at (318) 452-8974 to get additional details about upcoming meetings and answers to any membership questions.



Ryan Barton, PE

New Orleans Chapter

By: Rachel A. Kenney, PE

The New Orleans Chapter's December meeting was an evening event featuring Lonnie Dutreix, and was held at the Southern Yacht Club in New Orleans. Mr. Dutreix is the Acting Director of NASA's Michoud Assembly Facility in New Orleans. His presentation was focused on the exciting things going on at Michoud that support NASA programs such as the Artemis Mission, in which NASA will establish a sustainable presence on the Moon to prepare for human missions to Mars.

In January, we held our annual panel discussion on the Industrial and Business Outlook for the coming year and beyond. The panel consisted of:

Mr. Michael Hecht – President & CEO of Greater New Orleans, Inc., which was recently named the #2 economic development organization in the United States by Business Facilities magazine. He has also been recognized as "One of the Ten People Who Made a Difference in the South," "One of the 20 Business 'Icons' of the Tricentennial," and "2018 CEO of the Year."

Professor Eric Smith – the Associate Director of the Tulane Energy Institute, and co-chair of the World Trade Center's Energy Institute.

Mr. Phillip May – President and CEO of Entergy Louisiana, member of the Louisiana Board of Regents, the US Chamber of Commerce, and GNO, Inc.

Mr. Ken Nelson – President of Waldemar S. Nelson and Company, Inc., member of the Board of Directors of the New Orleans Chamber of Commerce, member of the UNO Engineering Advisory Council for the College of Engineering, and a member of the Engineering Advisory Board for the Civil and Environmental department.

Topics discussed included supply chain issues and their effect on the local economy, effects of the federal government's economic and environmental policies on the rate of industrial decarbonization and the rise of alternative fuel systems, the current and future state of LNG exports from Louisiana, and the effect of increasing grid connected PV Solar Inverter generation on the Entergy grid.

We would like to thank our current members and our recently added members for their continued support and participation and hope to see you all at our February 22nd meeting.



Rachel A. Kenney, PE

LES HONORS ENGINEERS



F. HUGH COUGHLIN YOUNG ENGINEER AWARD

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

JOHN MICHAEL JACKSON, PE

John Jackson, P.E. is a Project Manager with Linfield, Hunter & Junius, Inc. where he has worked since 2015. He is a graduate of Bob Jones University with a Bachelor of Science Degree in Biology and a graduate of University of New Orleans with a Bachelor of Science Degree in Civil Engineering. He is a licensed Professional Engineer in the state of Louisiana and an FAA-certified Remote Pilot. John's professional experience includes the design and project management of public drainage, utility, and roadway and transportation projects as well as private development projects.

John has been an active member of the New Orleans Chapter of the Louisiana Engineering Society (LES) since 2018. He has served on the chapter Board of Directors since 2018 and is currently New Orleans Chapter Second Vice President and Young Engineer Committee Member, having served the chapter on the Gold Tournament Planning Committee and as Director. In addition to LES, John also holds professional memberships in the American Society of Civil Engineers (ASCE) and the Louisiana Society of Professional Surveyors (LSPS).

John has lived in Louisiana for 26 years and currently resides in New Orleans with his wife of 7 years, Michelle. John and his wife are active members of Cornerstone Christian Center where they have served as 4th-6th grade Sunday school teachers and 18-30yr young adult class teachers.

John is thankful for the support and encouragement he continuously receives from his wife, family, mentor, friends, and employer. He is honored to receive the F. Hugh Coughlin Young Engineer Award and looks forward to serving Louisiana as a Professional Engineer and to serving the Professional Engineering profession through active involvement in and promotion of Professional Engineering organizations.



THE ANDREW M. LOCKETT AWARD FOR CIVIC ACTIVITIES

The Louisiana Engineering Society Civic Activities Award the Andrew M. Lockett Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Civic Service by an Engineer, in the interest of the Public, without compensation for these services. The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic wellbeing of their communities, parishes, and the State of Louisiana. The award is named in honor of Andrew M. Lockett, P.E. a distinguished member of the Society from 1900 until his death in 1945. Mr. Lockett was a strong advocate for engineers to get involved in civic activities.

BILLY WILLIAMSON, PE

Billy Williamson, a resident of Baton Rouge, is a graduate of Woodlawn High School (BR) and Louisiana State University. He received his Bachelor's degree in Mechanical Engineering in 2007 and has been a registered engineer since 2011. Upon graduation from LSU, he accepted a position within the State Energy Office at the Department of Natural Resources, where he was responsible for the development and adoption of energy efficient building codes and led the State's Energy Efficiency and Conservation Block Grant program. In 2014, he accepted the position of Statewide Flood Control Program Manager at DOTD.

To better understand the true impacts of flood control projects, Mr. Williamson stepped outside of his professional comfort zone to develop an understanding of Hydrologic & Hydraulic modeling software and methodologies to serve the needs of the citizens of the State. This focus has continued through his leadership on the Louisiana Watershed Initiative. Initially tasked with developing project evaluation criteria as a member of the Projects Technical Advisory Group, he is currently leading the Initiative's Statewide Modeling Program, which is developing regional H&H models across the State. These models will ultimately provide a crucial baseline for the review of projects and development.

Mr. Williamson's love for coastal Louisiana has been a constant in his life. During hunting and fishing trips as a child, he developed strong love and respect for coastal Louisiana. He learned to take care of his environment on those family fishing trips, watching his father turn the boat around to pick up any trash seen floating in our bayous and bays. Mr. Williamson volunteers with non-profit organizations such as the Barataria-Terrebonne National Estuary Program and the Coalition to Restore Coastal Louisiana to clean-up, restore, and revitalize the

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LES HONORS ENGINEERS



**A.B. PATTERSON MEDAL
FOR AN ENGINEER IN MANAGEMENT**

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

RAOUL V. CHAUVIN, III, PE

Raoul Chauvin is the past two-term (2019 & 2020) President of the New Orleans Chapter of the Louisiana Engineering Society. Since he joined the Board in 2016, he has served as Secretary, 2nd Vice-President and 1st Vice-President before being voted to the presidency. As President, Mr. Chauvin presided over the local board, represented the Chapter at all State Board meetings, the Annual Gulf States Conference, and the Joint Engineering Society Conference.

He is Principal Partner of Infinity Engineering Consultants, a multi-discipline engineering firm with expertise in marine design and provides civil, structural, mechanical, and electrical design services to port agencies, petrochemical industries, and local municipalities. A product of Archbishop Shaw High School and 1990 Mechanical Engineering graduate of LSU, he started Infinity with friend, Shaw classmate and civil engineer, Bill Thomassie, P.E. on March 4th, 2004. Through hard work, long hours, a dedicated, talented, and thoughtful staff, and a forgiving wife, Infinity has evolved from two guys working out of their living rooms, to an energetic and diverse workforce of 39.

Raoul's professional 31-year career has revolved around providing cost effective, efficient design solutions for inland marine terminals and chemical plants, municipal infrastructure, and offshore oil and gas facilities. Within Infinity, he is responsible for management and direction of company goals, business development, client interface, and contract negotiation.

Raoul is a native and resident of New Orleans. He has been married to Cindy Rousseau Chauvin for 27 years and has two sons - Phillip and Brennan. Licensed as a professional engineer in Louisiana since 1999, he is also licensed in Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Mississippi, Ohio, Tennessee, and Texas.



**LEO M. ODOM AWARD FOR SERVICES
TO THE PROFESSION**

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

KEVIN CROSBY, PE, PLS

Kevin E. Crosby, P.E., P.L.S. is Vice President with the firm of Lazenby & Associates, Inc., a Civil Engineer and Land Surveying Firm in West Monroe, Louisiana. He has been with the firm since 1993.

Mr. Crosby is a 1991 Magna Cum Laude graduate from LA Tech University, with a Bachelor of Science degree in Civil Engineering. He is a member of ASCE, NSPE, ACEC/L, LSPS and LES. In 2000-2001, he served as Monroe Chapter President for LES and served as State President for LES in 2006-2007. He received the F. Hugh Coughlin Young Engineer of the Year in 2002 and the Andrew M. Lockett Award for Civic Activities in 2013. He was appointed by Governor Bobby Jindal in 2011 to serve a six year term on the LA Professional Engineering and Land Surveying Board where he served as Chairman. He was appointed by the Ouachita Parish Police Jury to serve as the Parish Engineer in 2012 and continues to serve in this capacity.

As a senior partner at the firm, Kevin has overseen the development of numerous engineers under his supervision. Lazenby & Associates now employs twelve professional engineers, five of which were licensed under the supervision of Kevin. In his role as Parish Engineer, Kevin is able to guide and develop engineers at other firms and organizations through his reviews and expertise in the public works arena.

He is a member of several Chambers of Commerce and served as Chairman of the Board in 2010 for the West Monroe/West Ouachita (WMWO) Chamber of Commerce. As Chairman of the

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LES HONORS ENGINEERS



JAMES M. TODD TECHNOLOGICAL ACCOMPLISHMENT MEDAL

The Louisiana Engineering Society medal will be awarded as conditions warrant, but not more often than annually for Distinguished Service by an Engineer for Technological Advancement of discoveries as contributions to the advancement of Engineering. The purpose of honoring Engineers with this award is to encourage and inspire other engineers to reach even greater heights of professional achievement. The award is named in honor of James M. Todd, P.E., President in 1930 and an active member of the Society until his death in 1971. Mr. Todd suggested the formation of an award for engineering ingenuity in 1950.

SCOTT SCHEXNAYDER, PE

Scott J. Schexnayder, PE, is a Senior Project Engineer at T. Baker Smith (TBS), leveraging his skills and expertise in the Facilities Engineering Group in TBS' Lafayette office. He received his bachelor's degree in mechanical engineering from the University of Louisiana at Lafayette and started his career in manufacturing, including the Toyota Manufacturing Plant in Georgetown, Kentucky, and CAD Control Systems. Scott became an engineering consultant with Chapman Consulting, Inc., and T. Baker Smith, primarily focusing on oil and gas. His experience includes designing and managing facility and pipeline safety systems, horizontal directional drills, process equipment design, integrity management, risk mitigation, and quality assurance. He has worked on projects that include relief valve size and documentation verification, pump system sizing, hydraulic assessment of pipeline gathering systems, custom skid equipment design, gas dehydration and heat exchanger systems, and ILI data review and validation. Scott was nominated for the James M. Todd award for his efforts in designing an oil collection system located at the downed MC-20 platform. The system uses natural buoyancies to separate oil and gas from the leaking wells. The oil is then collected during routine pump offs. The system is a temporary solution to mitigate the oil leak until a permanent solution can be put into place.

Scott also volunteers with non-profit organizations within his community, including LA Pipeliners and Special Olympics. Holding an officer's role with the LA Pipeliners, Scott helps the organization raise money for scholarships to be awarded to college students through various events, including gumbo cook offs, fishing tournaments, and clay shoots. He also mentors young engineers at the local high schools during career days. Scott and his wife Dawn have two children, Jay and Leah.



CHARLES M. KERR PUBLIC RELATIONS AWARD

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

JOHN "BERT" WINTZ, PE

Bert is a lifelong resident of Baton Rouge. He attended LSU, graduating with a Bachelor of Science degree in December, 1979. He started his professional career on January 7, 1980, working in the Soils Testing Laboratory at the DOTD Materials & Testing Section. Throughout his 34-year career at DOTD, he advanced up the ranks, retiring as the Field Quality Assurance Administrator in January 2014. He was involved with the evaluation of a wide variety of materials used in highway construction throughout his career at DOTD. He served on several DOTD and AASHTO specification and test procedure development committees.

Since his retirement from DOTD, Bert worked a short while for PSI, Inc., in a business development role. He worked for Michael Baker International in their role as the Owner Verification Firm on the DOTD Design-Build Project in Broussard, Louisiana, converting US 90 into the future alignment of I-49 South.

Since March, 2020, Bert has been working at Providence Engineering and Environmental, LLC, as the Construction Quality Control Manager for DOTD's I-10/Loyola Drive Interchange Improvements project in Kenner, which will improve traffic movement into and out of the Louis Armstrong International Airport's new terminal.

Bert has been a member of the Baton Rouge Chapter of LES for most of his career. He is one of the driving forces behind two of the Chapter's fund-raising events, the annual Sporting Clays Shoot and the W.A. Wintz, Jr. Scholarship Golf Tournament. He has rarely missed the presentation of the scholarships memo-

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LES HONORS ENGINEERS



WALDEMAR S. NELSON PRESIDENT'S AWARD

The Waldemar S. Nelson President's Award will be given as conditions warrant, but not more than annually, for distinguished service to the Louisiana Engineering Society by an engineer member of the Society, who has provided outstanding service to the Society, in an unselfish manner and in keeping with the highest professional standards. The desire of the Society is not only to recognize the recipient, but to encourage and inspire others to take a greater part in the advancement of the Society and its service to mankind. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society from 1936 until his death in 2005. Unlike the other LES awards, the recipient of this award is not nominated and voted upon by the Honors and Awards Committee, but is chosen at the discretion of the immediate Past-President of LES.

JEFFREY PIKE, PE

Jeffrey A. Pike, PE, serves as PEE Chair on the LES Board and is active in the Monroe chapter. He is chairman of the LAPELS Board where he has served since his appointment in the education position by Governor Edwards in July of 2016. Jeff is a proven leader and mentor for over three decades. He serves as a senior lecturer of civil engineering and construction engineering technology at Louisiana Tech University. Jeff assists students in developing their critical thinking, problem solving, teamwork, and communication skills through group projects and the engineering design process. Pike's twenty-one years investing in higher education began at the US Military Academy at West Point, New York in 1995. He has served as an Assistant Professor at West Point and as Professor of Military Science at Stephen F. Austin State University in Nacogdoches, Texas. Jeff earned his bachelor's degree in engineering from the United States Military Academy at West Point, New York, and his master's degree in engineering from the University of Texas at Austin, Texas. Jeff has professional engineering licenses in Virginia, Texas, and Louisiana, and he is an active professional engineer in Louisiana. His honors and awards include the Louisiana Engineering Foundation (LEF) Engineering Faculty Professionalism Award, Louisiana Tech's F. Jay Taylor Undergraduate Teaching Award, the College of Engineering and Science Outstanding Advisor of the Year award, and recognition for Excellence and Service by the College of Engineering and Science Advisory Board. Pike served as an active-duty airborne ranger infantryman in the United States Army for more than 22 years and earned the rank of Lieutenant Colonel before retiring from the armed services in 2007. Jeff is married to his high school sweetheart, Kelly. They live in the Arizona community near Homer, Louisiana. Jeff tries to be intentional about investing time and energy with his family.



DUDLEY HIXSON - BOBBY PRICE AWARD

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

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

JERRY LAZENBY, PE, PLS

Jerry G. Lazenby was born in Bernice, Louisiana on June 21, 1942. He was raised in Union Parish and graduated from Bernice High School in 1960.

Jerry G. Lazenby, PE, PLS is currently serving as the President of Lazenby & Associates, Inc., Consulting Engineers and Land Surveyors in West Monroe, Louisiana. A 1965 graduate of Louisiana Tech University, Jerry began his engineering career with the Bureau of Public Roads which evolved into the Federal Highway Administration. In 1970 Jerry was licensed by the Louisiana State Board of Registration for Engineers and Land Surveyors as a Professional Engineer in Civil Engineering and as a Professional Land Surveyor. In 1974 he and his family moved to West Monroe and joined the consulting engineering and surveying firm of Jenkins and Madden Engineering Company which evolved into the firm of Lazenby & Associates, Inc.

He is a past chairman of the PEPP Division of the Louisiana Engineering Society and a past president of the Monroe Chapter of LES. Jerry is the 1993 recipient of the Charles M. Kerr Public Relations Award and the 1994 recipient of the Andrew M. Lockett Civic Affairs Award from the Louisiana Engineering Society. In 2007 he received the Leo M. Odom Award for Distinguished Service to the Engineering Profession. He received the A.B. Paterson Award for an Engineer in Management in 2017.

He is a past president of ACEC/L and served as the Louisiana National Director during 1997 - 1998. For several years he was Chairman of the ACEC/L Transportation Committee.

In 2000 he received the A. E. Wilder, Jr. Award for Outstanding Service to the American Council of Engineering Companies of Louisiana.

Jerry served five years as a member of the Louisiana Professional

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LES HONORS ENGINEERS

LIFETIME ACHIEVEMENT AWARDS

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



ALAN D. KROUSE, PE

Alan currently works for Digital Engineering and is the Program Manager for infrastructure improvements at the Baton Rouge Airport. He has over 40 years of experience in transportation projects. He started his career at LADOTD, and after leaving the department, Alan has worked for consulting engineering firms specializing in road design, airport design, environmental and port projects.

Alan has been a member of the La. Engineering Society for forty years. He became involved with LES serving as an officer in the Baton Rouge chapter. Alan held every office in the Baton Rouge chapter and continues to be involved in their golf tournament which he helped establish in 1990. The golf tournament initially raised funds for a professorship at LSU and once the professorship was funded the monies raised now go to scholarships for LSU and Southern University engineering students. Alan has been involved with the Baton Rouge Chapter MATHCOUNTS and moderated the competition for many years until it went to virtual competition. He also served as state Secretary-Treasurer, Vice President and served as State President in 2008-2009 and again in 2012-2013. Alan is a member of the Professional Engineers in Private Practice interest group in LES. He has served as chairman of the State PEPP interest group and is currently the co-chair. Alan has also served as the NSPE PEPP state representative, co-chairman, and chairman for the 2017-18 year. A Fellow Member of NSPE, Alan is currently Louisiana's NSPE HOD representative, a position he has held since 2016. He currently serves as the LES representative on the Architect/Engineer Liaison Committee helping define the incidental practice. In recognition of his service to LES, Alan has been awarded the President's Award twice, the Dudley Hixson-Bobby Price Award and the BR chapter's Leo Odom Service to the Profession Award three times.

Since 2006, Alan has served on the Louisiana Engineering Foundation and was the President in 2014-2016. He was co-chair of LEF when the endowed scholarships were created and in the last three years Alan has helped establish the LA. Transportation Partners Golf Tournament to raise money for the scholarships.

In 2020 Alan completed his six-year term on the Louisiana Professional Engineers and Licensed Surveyors Board and held all offices concluding with Chairman. He is now an Emeritus member of LAPELS and NCEES.

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VERNON F. MEYER, PE, PLS

Vernon Meyer obtained a Bachelor of Science in Civil Engineering in 1959 from Iowa State University, Ames, Iowa. Professional Engineer and Land Surveyor in Louisiana, and Professional Engineer in Mississippi.

His professional affiliations include:

- Louisiana Professional Engineering & Land Surveying Board (LAPELS) (Past Chairman)
- American Consulting Engineering Council (ACEC/L) (Past Chairman of ACE/PAC Committee) (Fellow)
- Consulting Engineers Council of Louisiana (CEC/L) (Same as ACEC/L now) (Past President, Past National Director)
- Louisiana Engineering Society (LES)
- National Society of Professional Engineers (NSPE)
- American Society of Professional Surveyors (ASPS)
- Louisiana Society of Professional Surveyors (LSPS)
- Management Association for Private Photogrammetric Surveyors (MAPPS)
- Member of I-10 Task Force "Build a Bridge" through SW La Chamber
- Citizen of the Year for the City of Westlake, 2016
- Citizen of the Year for the Southwest Louisiana Chamber of Commerce, Lake Charles, LA 2018
- West Calcasieu Association of Commerce, Sulphur, LA (Past President)

After obtaining his degree in civil engineering in 1959, Mr. Meyer worked five years for a Louisiana engineering firm where he specialized in surveys, preliminary studies, design and construction of paving, drainage, wastewater, and water projects.

In 1965 he established a business under the name of Vernon F. Meyer and Associates.

In 1974 he established Vernon F. Meyer and Associates, Inc., as a separate surveying firm and established Meyer and Associates, Inc., as a separate engineering firm. He currently serves as President of Meyer and Associates, Inc.

For many years he has generously supported children and youth through his compassion for the 4-H youth development organization by purchasing steers, hogs, goats, and chickens annually in a 5-parish radius. He has also supported unlimited amounts of sports teams, operation graduations, and partners in

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LOUISIANA ENGINEERING FOUNDATION AWARDS

ENGINEERING FACULTY PROFESSIONALISM AWARD

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



STEVEN A. JONES, Ph.D., PE
LOUISIANA TECH UNIVERSITY

As program chair, Dr. Jones led Biomedical Engineering through four successful ABET accreditation renewals (over 20 years). Over the past year, he spearheaded new collaborations between Biomedical Engineering faculty and the new VCOM medical school in Monroe. He served on committees of ten MS & Ph.D. students who successfully defended their thesis/dissertation, reviewed eight journal articles and served as interim chair for the LA Tech IACUC committee. Dr. Jones has also served as Biomedical Engineering student honor society advisor, Biomedical Engineering graduate program coordinator and on the LA Tech medical school interview committee.

BRANDON M. TARAVELLA, Ph.D., PE
UNIVERSITY OF NEW ORLEANS

Dr. Taravella has been a faculty member at the University of New Orleans for the past twelve years. He has taught many classes in naval architecture and marine engineering at the undergraduate and graduate levels. Since being at UNO he has been the principal investigator on over \$2.1 million in research grants. He has also been the author or co-author of nineteen peer reviewed publications. Dr. Taravella is also involved in multiple outreach activities which introduce middle and high school students to STEM concepts. In one of his recent outreach activities, he hosted a summer camp in which sixteen middle school students along with two middle school teachers attended. This camp provided these students with hands on activities involving additive manufacturing and robotics. Each camper was able to design and build an eel robot.



ROBERT L. MILLER, Ph.D., PE
UNIVERSITY OF LOUISIANA AT LAFAYETTE

I am a mathematician currently working as an assistant professor in the civil engineering department and assistant director of the Watershed Flood Center at the University of Louisiana at Lafayette. In addition to teaching courses in hydraulics, hydrology, and numerical modeling, I also do research in the area of water resources engineering. My research uses math to study problems involving rivers, lakes, and coastal waterbodies such as sea level rise, saltwater intrusion, floods and drainage, and water health – e.g., temperature and oxygen levels needed to support fish. Hopefully, this type of work will help support our communities to deal with the many challenges associated with managing our complex water ecosystems effectively in the future. I am currently serving as a fellow in the Louisiana Sea Grant Discovery, Integration, and Application Program, and the National Academies of Sciences, Engineering and Medicine Gulf Research Fellowship Program for environmental stewardship.

Prior to joining ULL in 2017, I worked for 11 years in industry as a senior H&H engineer at C.H. Fenstermaker and Associates. There I gained experience on a variety of projects including coastal restoration and design, numerous drainage impact and hydraulic impact studies, FEMA flood zone mapping and modeling, hydraulic design for energy exploration and production, and watershed drainage master plans. I feel this was an excellent opportunity to connect with the community and also work on real-world projects – all of which informs my approach to classroom teaching and research. It is truly a joy to be able to address specific design-related issues in the classroom and practical challenges in the research as a result of my time in industry at Fenstermaker. Hopefully, my work will make a contribution in the community and for our next generation of young scholars and engineers.

LOUISIANA ENGINEERING FOUNDATION AWARDS



VINCENT A. FORTE GRADUATE SCHOOL FELLOWSHIP

The Vincent A. Forte Graduate School Fellowship, a \$2000.00 award, is given annually to a student enrolled in a graduate education program in engineering who expresses a sincere desire to enter the teaching profession at the University level upon completion of his or her graduate education. The award is named to honor Vincent A. Forte, P.E., a founder and first president of the Louisiana Engineering Foundation.

ZAKARIA EL-AWADI LOUISIANA TECH UNIVERSITY

Zakaria El-Awadi is currently a PhD candidate at Louisiana Tech University, working under Dr. Manki Min in the field of cyber security and authentication. Zakaria is generally interested in cyber security and more specifically is currently focusing his research efforts on designing better multi-factor authentication schemes and systems. He hopes to achieve better security while also increasing the usability and applying a little-to-no-effort

approach for users of these authentication systems.

Zakaria was born and raised in Ruston, Louisiana and both his parents graduated from Louisiana Tech University. Being from Ruston and to continue the legacy Zakaria also ended up going to Louisiana Tech.

Then in 2018 he received his bachelor's degree from Louisiana Tech University in Computer Science and is currently pursuing his PhD in Cyberspace Engineering at Louisiana Tech. Zakaria worked in industry as a Software Developer for a couple of years under a company called Fenway Group where he gained industry experience and learned about the Software Development process.

Having had a passion for teaching since Zakaria was in high school, he felt it was something he always wanted to do. While working at Fenway Group and mentoring some of the younger developers he felt the joy of teaching which motivated him to pursue his PhD at Louisiana Tech. Now, as a PhD candidate, Zakaria is teaching Computer Science class at Louisiana Tech. He has had the pleasure of teaching both freshman and senior level classes.

Using what Zakaria has learned from working in industry as a Software Developer, he wants to help improve how students are taught to better prepare them to join the workforce. While working at Fenway Group he learned how important the skill of problem solving was within a short period of time. In order to prepare students, Zakaria is trying to incorporate some new approaches to help students exercise problem solving by giving students time-based and interview-style coding challenges at least once a week. With these challenges he hopes to prepare students to be able to tackle problems in an efficient and timely manner.

BILLY WILLIAMSON, PE continued from page 17

State's coastal marshes, swamps, and barrier islands, even meeting his wife, Kelli, at a volunteer coastal planting event in 2012. Mr. Williamson and his wife have two daughters, Avery, and Amelie. He also enjoys volunteering in his community at Tam Bao Temple and St. George Parish Church and School.

KEVIN CROSBY, PE, PLS continued from page 18

WMWO Chamber, several initiatives were put into place. West 20/20 is a program that deals with quality-of-life issues, economic development, litter control and education. We also had several forums for education, obesity in elementary education students and programs to help poverty level students after school hours.

Kevin has also served as head coach for Dixie Youth softball, Dixie Youth baseball, USSSA Travel baseball, recreational league football and travel football.

Kevin and his wife, Sabrina, have lived in West Monroe for the past 30 years and have 3 children, Mackenzie (24), Kendall (17) and Cooper (14). They are members of First Baptist Church of West Monroe.

JOHN "BERT" WINTZ, PE continued from page 19

realized in his Dad's name at the Chapter's annual Engineers' Week Banquet. In 2015 Bert was awarded the LES Baton Rouge Chapter President's Award for his service to the Chapter. He has also belonged to the Louisiana Society of Professional

Engineers in Civil Service for many years.

Bert and his wife, Jeanne, have been married for almost 40 years. They have three children, and four grandchildren, plus another one on the way. In addition to spending time with his grandkids, he enjoys hunting, fishing, skeet and sporting clays shooting, and training his Labrador Retriever, Bear.

JERRY LAZENBY, PE, PLS continued from page 20

Engineering and Land Surveying (LAPELS) Board and was active in the National Council of Examiners for Engineers and Surveyors (NCEES). In 2000 he served as a member of the Ways and Means Committee. In 2001, he served as the chairman of LAPELS.

In 2007 Jerry was elected a Life Member of the American Society of Civil Engineers and in 2008 was elected to the ASCE Louisiana Section Civil Engineering Wall of Fame.

Jerry is a Fellow in the American Council of Engineering Companies, the Institute of Transportation Engineers, and the National Society of Professional Engineers.

Jerry served on the Louisiana Tech Engineering Foundation, the Civil Engineering Advisory Committee, and the Louisiana Tech Engineering & Science Foundation. In 1995 he was awarded the Distinguished Alumnus Award in Civil Engineering from Louisiana Tech University and elected as a Life Director of the Louisiana Tech University Engineering and Science Foundation.

continued on page 24

LES HONORS ENGINEERS

JERRY LAZENBY, PE, PLS *continued from page 23*

He is a member and past president of the West Monroe/West Ouachita Chamber of Commerce and the West Monroe Rotary Club and is a "Paul Harris Fellow."

Jerry and Christine, his wife of 57 years, have two sons, a daughter seven grandchildren and nine great-grandchildren. They are active members of First Baptist Church of West Monroe where Jerry serves as a deacon. Jerry's hobbies include deer hunting and fishing.

ALAN D. KROUSE, PE *continued from page 21*

In his community Alan served on the Ascension Parish Planning and Zoning Commission for four years including two years as chairman. He has served on the Louisiana Complete Streets Advisory Committee for ten years and is currently the chairman. Alan has been a member of ASCE since 1990.

Alan is a registered Professional Engineer in Louisiana, Texas, Florida, and Mississippi. He graduated from LSU in 1977 with a degree in Civil Engineering. Alan and his wife, Stephanie live in Gonzales and have two daughters and one grandson.

VERNON F. MEYER, PE, PLS *continued from page 21*

education as well as numerous non-profit organizations for the benefit of others.

Instrumental in establishing the "Coach Lasalle Williams Scholarship Program" for an annual scholarship of \$1,000 for up to 4 years of college, to an African American student from Westlake High School.

Vernon F. Meyer has displayed exceptional leadership and management capabilities and has actively supported betterment of the engineering profession.

National Engineers Week February 20 – 26, 2022

Founded by NSPE in 1951, EWeek is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers.

SAVE THE DATES

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May 19, 2022

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May 20, 2022



Louisiana Engineering Society presents:

8 Hour PDH Life Safety Code Seminar

Presented by: Warren Bonisch, P.E. (LA)

March 24, 2022

8:00 AM—4:30 PM

AIA Approved Seminar ID:

AIA ID#202119WJE

Seminar provides 8 HSW/LU AIA Credits
(4AM/4PM)

Attend the Seminar at location below OR online via GoToWebinar

LA Tech University Academic Success Center

6220 East Texas Street, Building H

Bossier City, LA 71111



NFPA 101 – the *Life Safety Code* - is issued by NFPA and has been approved as an American National Standard, and adopted by the State Fire Marshal's Office. Attendees should have an intermediate level of NFPA 101 knowledge, and basic understanding of the structure, goals and objectives with this code. Presentation will be in the form of PowerPoint slides and verbal instructional discussions. *It is highly recommended that attendees bring a copy of the Life Safety Code to this class. This will be an interactive class with time for questions and answers. Subject to class participation, the sessions are scheduled to be as follows:*

Morning Session - 8:00 am – 12:00 Noon

The morning session will cover the major core chapters of the *Life Safety Code*: Administration, Referenced Publications, General (Goals, Objectives, Options), Features of Fire Protection and Building Services (Smoke Control, Elevators, etc.).

Afternoon Session - 12:30 pm - 4:30 pm

Continuation with discussions on the following NFPA 101 topics:
Means of Egress, Business, Building Rehabilitation

Class will be given simultaneously in person and online by GoToWebinar. All participants will be able to see the slide show, hear the presenter, and ask questions. Also, those that enroll will get a PDF of the slides from the presentation.

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☐ Afternoon Session (4 hours) \$120

☐ Both Sessions (8 hours) \$240
(lunch will be provided for those attending in person)

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(lunch will be provided for those attending in person)

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You may email your registration to les@les-state.org

Sorry, no refunds will be given after March 3, 2022



Louisiana Engineering Society Presents:

Standards for Accessible Design

8 Hour PDH ADA Seminar

Presented by: Brett Bayard, PE, PLS

Thursday, April 7, 2022

8:00 AM—4:30 PM

Attend the Seminar at location below OR online via GoToWebinar

LA DOTD Transportation Training & Education Center

4099 Gourrier Avenue

Baton Rouge, LA 70808

AIA Approved Seminar ID:

Morning Session:

AIA ID#LES21_ADA_AM01

Afternoon Session:

AIA ID#LES21_ADA_PM01



Morning Session - 8:00 am – 12:00 Noon

This session will discuss the Americans with Disabilities Act, including the definition of disability, enforcement and the history of the law. Discussion will include which entities are subject to the ADA, scoping requirements for ADA compliance and the building blocks for the accessible design of elements. Also, the design standards of several elements will be covered, including drinking fountains, restrooms and signage. The requirements related to alterations made to covered facilities will also be reviewed.

Afternoon Session - 12:30 pm - 4:30 pm

This session will examine accessible routes per DOJ and DOT ADA Guidelines. The scoping requirements for accessible routes will be reviewed, as well as the building blocks for accessible design of routes. The design standards for various components of accessible routes will be covered, including ramps, curb ramps, stairways and handrails. Site arrival point scoping and design standards will be covered as well (parking, passenger loading zones and bus stops). The presentation will include a discussion of the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way. These guidelines, when adopted, will differ from the current ADA standards for sites and buildings.

Class will be given in person and online by GoToWebinar. All participants will be able to see the slide show, hear the presenter, and ask questions. Also, those that enroll will get a PDF of the slides from the presentation.

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(lunch will be provided for those attending in person)

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You may email your registration to les@les-state.org

Sorry, no refunds will be given after March 17, 2022

Message from the Chairwoman

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES

Andrée F. Cortez, PE, PMP

American Council of Engineering Companies of Louisiana



Engineering a Better Future at ACEC of Louisiana

"Plan for the future because that is where you are going to spend the rest of your life."

—Mark Twain

As the mother of three children, I often wonder what the future will be like when my kids are my age. That train of thought often leads me to question what I am doing as their mother, and as an engineer, to not only prepare them for the future but to also engineer a better one for them.

Finding fulfillment in our jobs and identifying a purpose greater than making a living is something we should all strive for in our careers. For me, that fulfillment is recognizing the vital role engineering plays in affecting change by engineering the foundations on which the future of society is quite literally built. From coastal restoration and flood protection to enhanced road safety infrastructure design, engineers serve as the point of the spear in the protection and preservation of life, property, and livelihoods.

Unfortunately, the engineering profession and the importance of engineering as a whole is rarely recognized as such by the public. Unlike the doctor, nurse, police officer, fire fighter, or teacher, the engineer is rarely seen as a heralded professional. Maybe if engineering had TV shows like *ER* and *Grey's Anatomy* or movies like *The Untouchables* and *Backdraft*, things would be different for us. Surely a Netflix series focused on the life of an engineer should get a prime-time slot, right?!

All jokes aside, promoting the essential role the engineering industry plays in the development of society is a major component of ACEC/L's strategic plan. ACEC/L is working to accomplish this goal by delivering on several objectives, primarily increasing the industry's visibility and public profile/image through enhanced public policy development and government advocacy efforts as well as workforce development partnerships spanning all levels of education. A two-pronged approach for accomplishing this objective is necessary because we must engage the population group that will impact tomorrow's future (the general public) in addition to the population group that will impact the future of the next generation (students).

Last year brought some significant wins for the engineering industry, specifically in terms of securing an increased investment for infrastructure systems throughout Louisiana. I am proud to say that ACEC/L was heavily involved in this effort! Over the next few years, consulting engineers will design infrastructure systems that will serve the communities we live in for the next 20 to 30 years. As an industry and a profession, we have never been better positioned to positively impact the future by purposefully and intentionally planning and designing a better one. These are exciting times, not only for our industry but for ACEC/L!

Leading ACEC/L into the future will be our organization's new President & CEO, Barker Dirmann. Barker is succeeding Doreen Brasseaux, who elevated ACEC/L to new heights under her leadership over the last three years.

Barker holds a BS from LSU and a Juris Doctor from Southern University School of Law. Having previously served as the President & CEO of the Ascension Chamber of Commerce; Manager of Governmental Affairs at the Baton Rouge Area Chamber; and Director of the Intergovernmental Affairs for Governor Bobby Jindal, Barker possesses a unique set of qualifications and experience. He understands the challenges facing Louisiana businesses and the importance of public policy to small, medium, and large firms.

I am excited to see what the future will hold for ACEC/L and the business of engineering under Barker's leadership, and I am confident he will build upon our past successes. Like any member-driven organization, ACEC/L is stronger when our members are active and engaged, so Barker and I encourage our member firms and colleagues to reach out to us with input, feedback, and direction on how we can plan for the future of engineering.

Capitol View: from Haynie and Associates



Ryan Haynie and Randy Haynie

2022 is gearing up to be a very busy year in Capitol-land. The Legislature is set to return to Baton Rouge (at least) twice this year, once in February for a special redistricting session and then again in March for a Regular session.

The redistricting session, which runs from February 1 through February 20, will be as it always is, a true display of raw politics. The Legislature is tasked with redrawing their election lines based upon the changes in population as recognized in the census, but with this process, there are winners and losers and often hurt feelings and people squeezed out of being able to get re-elected. Most lobbyists stay far away from the redistricting process – as it is mostly an “in the rails” process between the members of the legislature. In addition to drawing their lines, the legislature is also tasked with re-drawing the lines for the Congressional Districts, the Public Service Commission, the BESE Board (education), and the Supreme Court.

At this stage, the Congressional map seems to be the most contentious. The Governor has veto power over the maps which should be an incentive for the legislature to seek compromise, as the alternative is the lines will be drawn by the judiciary.

Following on the heels of the redistricting session and Mardi Gras will be the 2022 Regular Session which is set for March 14, 2022, through June 6, 2022. As a reminder, general sessions preclude any tax legislation but allow an unlimited number of bills to be filed of general subject matter. The 2022 session is anticipated to be a session with a high volume of bills filed for several reasons. Many policy ideas have been put on the back burner because of covid the last two sessions and will get their first real push in 2022. Also, the 2022 session is a prime time to move controversial items as the legislature will get into self-preservation mode during next year's 2023 session and tend to shy away from controversial votes before they are on the ballots in October.

It is to be anticipated that 2022 could be a busy year for LES, but we will not know all of the bills introduced that may impact us until the bill introduction is complete on April 5th. LES is also determining proactive legislation through our normal committee process and will report any proactive and concerning legislation in our next newsletter and through association communications.

We encourage all LES members to take time to introduce themselves and thank their legislators for their services, so you have a communication channel open when the time comes for you to voice your position on a piece of legislation.

Haynie and Associates appreciate the partnership with LES and advocates before the Louisiana Legislature for the advancement of professional engineers.

Young Engineer By Oliver Neal, PE

To Print, Or not to Print?

Advancements in workplace technology have led me to ask myself the same question repeatedly, especially after I began using a tablet to augment my work. “Do I need to print this?” I’ve come to realize that more often than not, my answer is no. Can that plan sheet be red lined on the computer or tablet and sent back to the CAD designer without printing the page, marking it up, and getting a new page back? Probably. Certainly at least some of the time depending on the complexity of the plans.

I’m sure most of you have an electronic file system and most likely a hard copy system as well. While I understand the desire for redundancy, how much money or space are we squandering on storing project documents from 5, 10, 20 years ago?

Of course, there are downsides to keeping electronic files only. A company risks coming to a complete halt if subject to a ransomware attack. This is a decent argument for keeping hard copies, but I can say from experience that even with hard copies, it is very difficult to be productive when your file servers have been completely locked down.

There are certain documents that we process at our office that require hard copies and I understand that. For everything else, I’m finding myself hitting save much more frequently than print. How much longer until printing is totally unnecessary, or will we ever get to that point? Will we lag behind the technological advancements, or will we be the ones using what we can to make our work better in quality and efficiency?



Oliver Neal, PE

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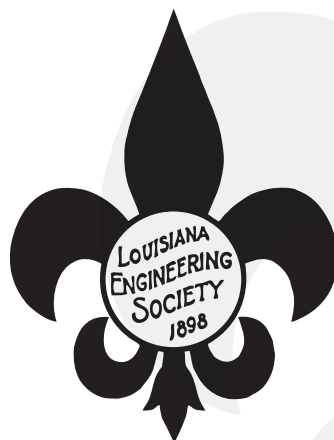
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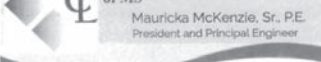


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