

80 Years of Engineering a Better Texas 1937-2017

A MESSAGE FROM THE CHAIRMAN

Engineering is a critical profession. While the public may not recognize it, everything around us, everything we do on a daily basis, and the most basic of needs of our society involve engineers and engineering. These critical systems, machines, and structures - from the roads, water, energy, and buildings we use every day, to the cars, aircraft, and ships we use to move people and goods, to the computers and telecommunications systems we rely on more and more each day, and everything in between – all of it involves engineering. The competent practice of engineering by professional and ethical individuals is key to protecting the safety of the public and of society. Ensuring that competency and protecting public safety is the mission of the Texas Board of Professional Engineers (TBPE) and has been since 1937.

This year, TBPE celebrates the 80th anniversary of the Board. In the past 80 years, much has changed in the world, and engineering has brought us many amazing technological breakthroughs. However, it is important to remember our origins.

In March of 1937, in the east Texas town of New London, a horrific accident and explosion

destroyed the New London Consolidated School, claiming the lives of approximately 300 students and teachers. To help protect public safety and to prevent such a tragic event from ever happening again, the Texas Legislature created the “Professional Engineers’ License Law For Texas” and the “State Board of Registration for Professional Engineers.” These live on today as the Texas Engineering Practice Act (Occupations Code Chapter 1001) and the Texas Board of Professional Engineers (TBPE).

The licensure of competent and ethical engineers was the original mission set out in 1937 and we take it just as seriously today. There are over 62,000 licensed Professional Engineers in the state of Texas, over 17,000 Engineers-In-Training, and 9,000 registered engineering firms, and TBPE is charged with verifying the competency of each and enforcing the provisions of the Act. But it is the technical, ethical, and professional behavior of each and every engineer that really protects the public safety.

In our ethics outreach presentations, we often share a quotation from one of our own Texas P.E.s on the importance and obligations of professional engineers. “It is one of the primary obligations of the Texas Board of Professional

Engineers to assure that Texas engineers are held to the highest standards of competency, integrity, and honesty. Public safety depends upon that standard and consistently achieving in our profession requires faithful and unwavering practice of honesty and integrity in all aspects of our lives not only when we sit at our desk.”

As we enter our 80th year of Professional Engineering in Texas, the field of engineering

Continued on pg 2



Daniel O. Wong, Ph.D., P.E.
 Chairman



The Value of Licensure

3

TEXAS 4
 PE EXAM
 Decoupling

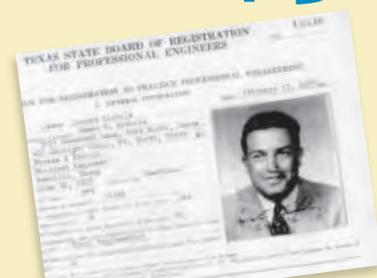
Enforcement

NEWS

Disciplinary Actions by the Board

13

Tribute 19



Continued from Chairman

is as vibrant, interesting, and challenging as ever. Technology and the needs of society are changing at a breakneck pace. There is always a need for more competent and innovative engineers. We hope each of you take a few moments to reflect on the importance of engineering in society, the value of the Professional Engineer License, and your obligations as a Professional Engineer.

We encourage all of you to actively participate in the profession, mentor new engineers and students, and continue the great work you do to protect the health, safety, and welfare of the citizens of the great state of Texas.

Fiscal Year 2016 Board Members

- Daniel O. Wong, Ph.D., P.E.**
Chair, Houston, Texas
- Sockalingam "Sam" Kannappan, P.E.**
Vice-Chair, Baytown, TX
- Dr. Sina K. Nejad, D.Eng., P.E**
Secretary, Beaumont, TX
- Edward L. Summers, Ph.D.**
Treasurer, Austin, TX
- Elvira Reyna**
Little Elm, TX
- Lamberto (Bobby) Balli, P.E.**
San Antonio, Texas
- Kyle Womack, P.E.**
Horseshoe Bay, TX
- Albert Cheng**
Houston, TX
- Cathy Norwood, P.E.**
Midland, TX

From the Executive Director

80th Year Anniversary Issue

This issue of the *TBPE Express* newsletter is a special one that celebrates the 80th anniversary of Professional Engineering in Texas. We've put together quite a number of items that we think cover the issues of the past year such as the decoupling of the PE exam, as well as items that move us forward into 2017 and beyond – articles on the value of licensure, engagement in the engineering profession, and spotlights on current and future engineers.

As Chairman Wong stated in his article, engineering is a critical profession to protecting the health and safety of the public. The staff at the Board work hard each day to engage with the public and with licensees and to provide answers to all of your questions. In the last fiscal year we processed over 4,000

Staff Members

- Lance Kinney, Ph.D., P.E.**
Executive Director
- David Howell, P.E.**
Deputy Executive Director
- Dave Daigle**
Director of Compliance & Enforcement
- Jeff Mutscher**
Chief Financial Officer
- Janet Sobieski**
Director of Operations
- Morgen Cuming, JD**
Staff Attorney
- Dorothy Gonzales**
Executive Assistant
- Suzanne Retiz, PHR**
Human Resources Specialist

PE license applications, 300 engineering firm applications, and with the new decoupling process, doubled the number of annual Engineer in Training applications to 4,000. We handled over 800 enforcement complaints. We also traveled all over the state giving 138 outreach presentations as well as 25 webinars that reached over 19,554 people. All of this and more was handled by the 31 hardworking and talented staff I have the pleasure of working with every day.

In addition to the mission critical activities listed above, the TBPE is doing even more for the public and for the profession.

During the past year, we completed the process of repealing the \$200 professional fee, which lowered the annual PE renewal to \$40 annually.

We have initiated the process of decoupling the PE exam from engineering experience while maintaining high standards for licensure. We have also sponsored engineering activities with the state science fair, engaged with international engineering organizations on licensure, and worked closely with the National Council of Examiners for Engineering and Surveying (NCEES) on their new licensure and tracking systems, to name just a few. As part of our 80th Anniversary, we will also focus on the future of engineering.

We have included items that took forward and we hope will encourage you as a Professional Engineer to get more involved in the profession. These include a discussion of the value of

licensure – something we often mention but can be difficult to explain. We provide some ideas for becoming more engaged in the profession itself by being active members of engineering organizations, through development and mentorship programs, and by getting involved in engineering volunteer activities.

We also celebrate professional engineers from around the state, including our two new Board members, the Texas Society of Professional Engineers, and we remember the life and achievements of former TBPE Chairman Jim Nichols.

We are looking forward to celebrating the 80th Anniversary of Professional Engineering licensure in Texas and to another exciting and productive year here at TPBE.

We are working hard to provide high quality and innovative services to the public and licensees and to be a model of efficiency and effectiveness as a state agency.



—Lance Kinney, Ph.D., P.E.

The Value of Licensure

See the Value of P.E. Licensure Video on Page 11

Professional Engineers often refer to the “Value of Licensure”. In some ways, the “value” gets back to the original purpose – competent engineering protects the public health, safety, and welfare. Protecting the public of Texas has been the singular purpose of the Texas Board of Professional Engineers for nearly 80 years.

Beginning in 1937, the Texas Legislature required licensure as a way of ensuring technical competence for engineers. For years, the system was based primarily on initial qualifications. Through the history of licensure, professional ethics and continued competence have been an expectation of licensed engineers. These expectations were eventually codified into the Texas Engineering Practice (Act) Chapter 1001 of the Texas Occupations Code as renewal requirements.

However, there are some that feel that promoting and encouraging licensure could be self-serving on the part of the profession or the Board in some way. In fact, that is not the case at all. The Board itself sees no benefit, financial or other-

wise, from more licensees, and this is not its purpose or its goal. The primary purpose of the Board is public safety and the benefits to the public of having engineers become licensed are significant.

Demonstrating technical competence is a key part of assuring that an engineer can do a project safely and correctly, but there is more to it. Assuming two individuals have the same basic education and experience, is there a benefit to the public if one of them has a license compared to the other? Definitely. The public is better protected through the licensing of engineers, because a licensed engineer not only meets initial qualifications for education and experience, but in most cases, has also passed examinations along the way. Examinations don't make someone competent, but they are significant measurement points and demonstrate a depth and breadth of professional and practical knowledge, including codes and engineering standards. For example,

The licensure of Professional Engineers is an important part of protecting public safety by verifying competency and holding engineers accountable.

the Fundamentals of Engineering exam is taken in the final stages of education or soon after. The Principles and Practice of engineering exam (PE) is practice-based and is taken later (see decoupling article [pg 4]). The exam preparation itself can be considered a valuable technical learning opportunity – reminding and reinforcing practical and detailed knowledge. An unlicensed

person typically has not taken either exam and therefore lacks this verification or reinforcement of their engineering knowledge.

Beyond initial technical competence, licensed Professional Engineers are expected to stay competent. Engineering is a constantly

evolving technical profession, and keeping up with new codes, standards, design considerations, and professional aspects of engineering is critical to ensuring safe designs. The annual requirement of 15 hours of continuing education activity helps with that and sets a standard to encourage engagement with the

profession.

Licensed Professional Engineers are also expected to be ethical and professional and are held to those standards via the licensure process, and a licensed Professional Engineer can lose his or her license and ability to practice for ethical infractions. Most modern engineering curricula contain engineering ethics as a component of an engineering degree, but maintaining a license helps keep it at the forefront throughout a licensee's practice. A significant part of the Board's enforcement activities relate to licensee's honesty, ethics and professionalism and the public is better served by the promotion and encouragement of these principles, which the Board does through the promotion of Licensure.

Licensure not only sets some of us apart in practice, but the inherent processes of obtaining and maintaining the license increase the protection of the public of the state of Texas. Texas currently has roughly 62,000 licensees, but that's still a small part of all engineers in Texas. Just imagine how much more we could do if everyone understood the value of licensure.

Texas PE Exam Decoupling

As many of you know, earlier this year, the Board made significant changes to its licensing rules. The change, known as “decoupling” allows increased flexibility for applicants without a decrease in protection of the public.

History and background

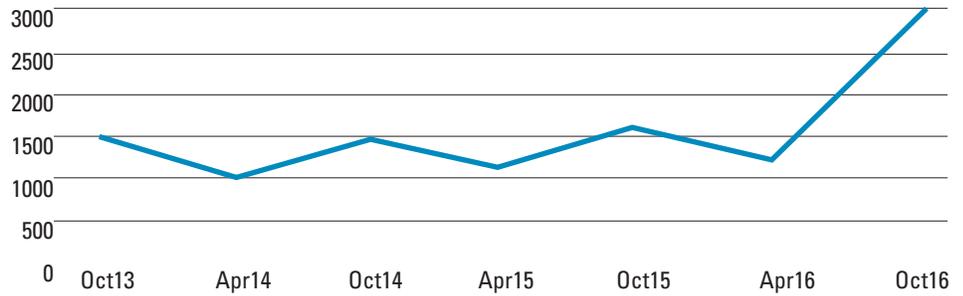
Since its inception in 1937, the system of licensing and regulation of Professional Engineers in Texas has been intended to protect the public by ensuring the technical competency and professional and ethical behavior of practitioners. The Board believes that the public is better protected when practicing engineers are licensed under this framework. Therefore, it is critical to consider ways to encourage and facilitate engineering students and new engineers to pursue licensure without reducing the requirements for licensure.

Based on available research, many engineering graduates start on the path toward licensure but do not complete the process. Recent NCEES data for graduates of six of the largest engineering programs in the US (2011 – 2013) indicates that only 45% of civil engineering graduates actually take the PE exam for licensure. That number decreases sharply to only 15% for Electrical and Mechanical graduates and is even less for other disciplines.

This may be due to the combination of waiting to take the PE exam as the “final hurdle” of the licensing process and other factors such as industrial exemptions. Promoting licensure of qualified engineers at early stages of an engineering career will keep a larger number engaged in the process.

The PE exam is one of the essential qualifying credentials for licensure. Due to the time and effort to refresh and prepare for the licensure exam, the examination process itself can sometimes be a hurdle for those engineers that are beginning their careers and considering pursuing licensure. Allowing the process to

Scheduled PE Examinees



be more flexible so that potential licensees can take the PE exam at the optimum time (when they are ready) instead of only after a set period of time (4 years minimum), should keep more engineering graduates and Engineers-In-Training (EITs) engaged in the process and result in more qualified licensed engineers.

From as early as 2000, NCEES member Boards have been discussing decoupling experience and exams. Changes were made in 2001 and 2003 that resulted in Model Rule changes, but experience was still required prior to the PE exam until 2014. At the August 2014 annual meeting, NCEES approved a change to its Model Law to decouple experience and timing of the PE exam. Several other state Boards have or plan to implement the change to allowing the PE exam to be taken prior to the completion of the experience.

to get feedback on this potential change. This began the process of gathering input and making changes to the rules that were ultimately made effective May 1, 2016.

The new rules allow, but do not require, registered Texas EITs to register for the PE exam. In anticipation of customer response, TBPE staff developed and implemented a new online EIT application system. Its implementation coincided with the May 1st rule effective date.

October 2016

The October 2016 PE exam was the first administration effected by this change. NCEES opened its exam registration on June 20 and, as expected, the rate of registrations was noticeably higher than normal. Texas has traditionally had four PE exam sites: Austin, Dallas/Ft. Worth, Houston and El Paso. Sites are typically chosen well in advance to lock in availability based on historical volume. With the new rules, however, the response was overwhelming. The site that was set for Austin reached capacity within a few weeks of the registration window. Exam seats were still available at the larger sites in Houston and the DFW area, but Board staff contacted NCEES staff to see what could be done to better accommodate the central Texas examinees. NCEES staff was able to secure an additional location in Georgetown.

When exam registration closed on September 1, there were just under 3,000 examinees registered in Texas with over 1,600 of those being EITs. The first exam cycle went well with both the EIT and PE groups performing well, and the second exam cycle registration is ongoing. The Board is looking forward to the positive effects this change will have on the Texas engineering community.

It is critical to consider ways to encourage and facilitate engineering students and new engineers to pursue licensure without reducing the requirements for licensure.

Texas Decision

In May 2015 the Licensing Committee directed staff to contact interested stakeholders in the engineering community of Texas

Engineering Engagement - Get Involved

Getting your PE license is the first step in your Professional Engineering career. After you have your license, staying engaged in the engineering community and the profession as a whole is critical to having a fruitful and productive career, as well as maintaining the integrity and effectiveness of the profession.

There are many ways to get engaged and stay engaged with the profession. Over the past year, the Board has included in its initiatives a renewed focus on engagement of the engineering community and the profession as a whole. Having individuals more active in the engineering community helps our mission in several ways:

- Keeping up to date with law, rule, and code changes, as well as new technologies and process in engineering is critical. Staying engaged is a key part of long learning and continuing to be a better Professional Engineer.
- Familiarity with the Board and its staff helps all customers (the public, licensees, potential licensees, engineering firms, etc.) know who to contact if there are questions or requests.
- Being active in engineering organizations makes training opportunities more available for EITs and licensees.
- Active participation in engineering organizations significantly increases the opportunity for mentoring and networking.
- Active participation in technical societies increases awareness of changing technical standards and codes.
- Based on data from NCEES and other sources, engaged and active engineering students and EITs are more likely to become licensed.

Outreach

The Board has engaged in several initiatives to help increase engagement. First, the Board and its staff have made a significant effort to be more visible and accessible. Increased state-wide outreach presentations, regular ethics and licensing webinars, more publications, increased presence at seminars and conferences, and an active social media presence were just the beginning.

However, outreach does not only include presentations by Board staff and Board members. Another way for you to be more involved in the engineering community is to share your knowledge and expertise with others by making presentations to organizations, groups, companies, students, etc. The Board has a rule that helps encourage such engagement. Board rule 137.17(f)(10) allows PEs to claim up to 3 hours of continuing education credit each year for educational outreach. In addition, if you are part of an organization that participates in student engineering and science competitions (MathCounts, Science Fairs, Future Cities, Eweek activities, etc.), we encourage you to be involved.

Engineering Organizations

Professional and technical engineering organizations offer engineers – those in training and professional licensees – valuable resources

for professional growth and opportunities to continually advance their careers, including training and continuing education opportunities, involvement with engineering policy and legislative processes, the latest technical information and opportunities for networking and mentoring. Many organizations offer regular seminars, workshops, and conferences all over the state. Networking events offer engineers the opportunity to interact with other engineers outside of their workplace. Networking is the ideal platform for exchanging ideas and creating lifelong professional connections. Professional organizations allow engineers to gain leadership skills while building connections, engaging in community partnerships, and increasing technical proficiencies. Having exposure to the political process and how the laws that govern the practice of engineering are passed or changed can enhance your understanding of what being a true “professional” engineer means.

There are numerous engineering organizations that one can join – see <http://engineers.texas.gov/links.htm#prof> for a list. Many have local, regional, or student branches. Examples of active organizations in Texas include the Texas Society of Professional Engineers (TSPE), whose mission is to promote and enhance the profession and licensed practice of engineering, and the American Society

of Civil Engineers (ASCE), which works to advance civil engineering and serve the public good.

To recognize the importance of participation in the engineering field post-licensure, the Board recently adopted changes to its Rules regarding the description of engineering qualifications on applications. Under the new rules, an applicant can include active participation in engineering organizations and associated training when he or she describes qualifying experience. The idea is that this opportunity to demonstrate engagement will encourage potential applicants to do more. For more information about ASCE Texas Section visit their webpage at <http://www.texasce.org/>. For more information about TSPE visit their website at <http://www.tspe.org>.

New Engineers

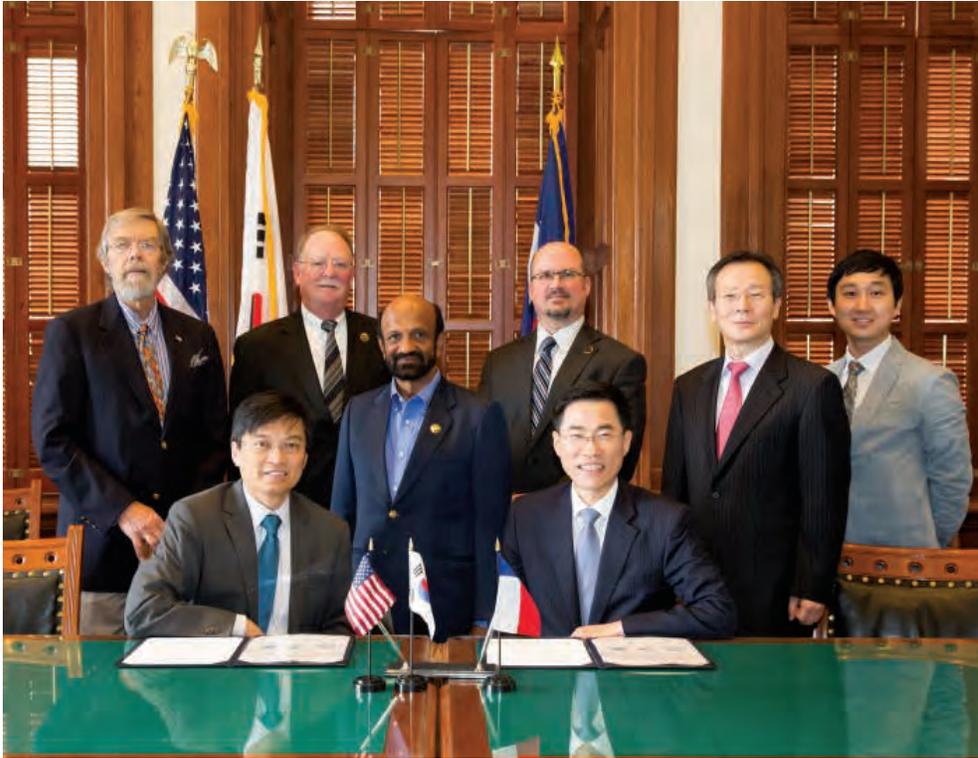
To help encourage engagement with the next generation of Professional Engineers the Board created and met with the Future Engineers Advisory Committee in January 2016. This committee was designed specifically to collect input from EITs and newly licensed engineers. The committee included 15 volunteers of a variety of practice areas chosen from a state-wide pool of applicants. The group gave the staff valuable input on communication methods, the licensing process itself, and ways to improve general engagement.

Members of the 2016 TBPE Future Engineers' Advisory Committee

Jason Billing, P.E.
Molly Coffman
Lizeth Gonzales
Lissa Gregg
Mary Hamann, P.E.
Richard Hentschel
Christopher Meuth
Justin Peak
John Robertson-Lopez
Rene Romero
Hector Siller, P.E.
Jessica Simon, P.E.
Kerin Smith, P.E.
Michael Warren, P.E.
Emily Weigand

As you can see, the Board is actively working on ways to get more people involved in engineering and the engineering profession. We encourage you to give it some thought, be creative and get engaged. Refer to our webpage: <http://engineers.texas.gov/links.htm> for helpful links to professional engineering societies and organizations.

TBPE - Leadership in International Engineering



Left: On March 10, 2016, an MRA (Mutual Recognition Agreement) between TBPE and South Korea was signed in Austin, Texas which will streamline mutual recognition of engineering qualifications and licensing arrangements to work on projects in both jurisdictions. The agreement will open up opportunities for Texas Professional Engineers to provide engineering services in South Korea by making it much easier for suitably qualified engineers to be licensed with Korean Professional Engineers Association. This agreement demonstrates the Texas Board's continued leadership in international licensure. The MRA follows similar agreements providing for mutual recognition of engineering licensure between Texas and Canada, Mexico, and Australia and a Memorandum of Understanding with Japan.

The Chairman of the Texas Board of Professional Engineers, Dr. Daniel Wong, P.E., said, "I am extremely proud of the Texas Board in this agreement with the Country of South Korea. Texas is leading the U.S. in the global recognition of engineering licensure and exchange of professional services." The Korean Ministry of Science, ICT, and Future Planning stated that "This accord is expected to raise the international stature of local professional engineers and increase overseas demand for them."



Representatives from TBPE and the Spanish Delegation from CICC (Colegio de Ingenieros de Caminos, Canales y Puertos) met in Austin Texas on February 2-5, 2016 to discuss a Memorandum of Understanding



Above: Representatives from the Texas Board were also invited to participate in the CICC International Conference of Civil Engineering and the Assembly of the European Council of Civil Engineers in Madrid Spain March 4-5, 2016. Pictured is TBPE Board Member Lamberto (Bobby) Balli, P.E. who resides in San Antonio, Texas.

Launching Future Engineers Development and Mentoring Programs

Many engineering employers encourage their engineering staff to become licensed and to continue with their personal development in the engineering profession. There are different ways to go about this, from providing training opportunities and funding for courses, time for studying for exams, mentorship programs, in-house universities and resources, to pay raises for newly licensed engineers or covering the costs of license renewals or continuing education. In this issue, we are spotlighting a program that has worked closely with TPBE over the years that guides new engineers on their path to becoming a PE. While not every company has the resources for a full featured training program, but any assistance and guidance can go a long way to growing the talents of your engineering staff and to developing the next generation of Professional Engineers.

Launched in 2007, TxDOT's premier Engineering Assistants Career Development Program (EACDP) has sculpted and developed over 800 Engineering Assistants to pursue licensure through the Texas Board of Professional Engineers. To join the EACDP, employees must have an ABET accredited degree if pursuing an Engineer-in-Training (EIT) certificate or a Texas EIT certificate to pursue the Professional Engineering (PE) exam.

With course offerings for Fundamentals of Engineering (FE) and PE preparation, TxDOT employees grow in and outside the classroom. Participants complete three sets of six-week classes (including

materials and books) to prepare for the FE and PE exams at no cost. The EACDP also includes job rotation and mentorship components that enhance the workplace experience by cultivating skillsets and knowledge transfer. The EACDP is one of the great benefits of working at TxDOT.

For more information about the EACDP at TxDOT, please email training@txdot.gov or call TxDOT Workforce Development at 512-416-2000.

From Hector E. Siller, P.E. a participant in the TxDOT EACDP Program

On the TxDOT EACDP

"Being part of The TxDOT Engineering Assistant Career Development Program (EACDP) has been a remarkable experience. In my 4 years as an employee at TxDOT I have gained valuable work and career experiences that helped me grow as an Engineer. TxDOT provided me with all the resources I needed to accomplish my goal of becoming a licensed Professional Engineer.

The program gave me the opportunity to be mentored by experienced engineers, participate in unique and top-tier job rotations, and a total of eighteen weeks of department supported FE and PE exam preparation classes. Furthermore, TxDOT EACDP offered additional training courses in preparation for the PE exam. During these courses I obtained the major reference materials needed for the transportation PE exam, such as the AASHTO Green Book, The Highway Capacity Manual, The AASHTO Roadside Design Guide and The Manual of



Uniform Traffic Control Devices (MUTCD).

Job rotation has helped me strengthen my job performance. Learning all the different aspects of Transportation Engineering from Construction & Lab, Design (Project Development), and Traffic & Maintenance Operations has helped me enhance my engineering skills.

Joining TxDOT upon graduation was one of the greatest decisions for my professional career. I obtained my EIT followed by my PE license and have gained a wealth of knowledge from various subject matter experts, co-workers, supervisors, directors, and mentors."

What does being a Professional Engineer Mean to you?

"Being a Professional Engineer means having the opportunity to change the world. Although I conduct most of my work in the San Antonio area, its impact reaches far and wide. Each person that interacts with my engineering work has a purpose in the world. My work keeps all those people safe, thus allowing them to accomplish their goals."

Not all mentorship programs are related directly to a workplace or

company. Some excellent mentorship opportunities are available through professional engineering organizations. One such opportunity is the Texas Society of Professional Engineers (TSPE) Young Member Mentor Program.

The primary goal of the Young Member Mentor Program is to provide a TSPE member benefit to the young engineers by giving them a forum for personal and professional development through an exchange with peers and a more experienced TSPE member. This program is offered through the various TSPE chapters all over the state. The program offers younger members access to an experienced engineer acting as a mentor to be able to discuss professional and personal development issues. Young members are not only encouraged to learn from the mentor but from each other's experiences as well. Topics can include any item they are comfortable discussing but have included project management promotion opportunities, community involvement and communication as examples.

For more information about the Young Member Mentor Program, go to <http://www.tspe.org> or contact TSPE at 512-472-9286.

Spotlights

Engineering Spotlight -
Brian J. LaFoy, P.E.

Each issue, TBPE shines the spotlight on a Texas Professional Engineer and shares their achievements. This year, we recognize Mr. Brian J. LaFoy, P.E.



LaFoy spent the beginning of his professional career in the construction industry, building highway interchanges, exotic bridges, and other large civil structures. He then spent the next 18 years working for a civil engineering consulting firm, where he worked his way up to Executive Vice President and was an owner. LaFoy recently joined Kimley-Horn and continues to build a successful practice and work on challenging projects involving roadway design, structural design and rehabilitation, and construction management, and currently has several patents pending for his work in structural rehabilitation. Born and raised in El Paso, he attended University of Texas at Austin, where he received his BSCE. He later earned his Master's Degree in Structural Engineering from University of Texas at Arlington. The Texas Society of Professional Engineers (TSPE) recently recognized LaFoy as their Engineer of the Year.

How did you get into engineering? What were your early influences / interests?

My earliest influence was my father. He studied civil engineering and owned his own construction company specializing in building bridges and other heavy civil structures. A large portion of his work was for the military building large concrete structures for defense testing. For as long as I can remember, I always wanted to be like him. I also always loved building things. I worked for him part-time and in the summers when I was in high school so I got a taste of some of what he did. So I went to engineering school and worked for a contractor building bridges just like he did before I eventually found my way into consulting engineering.

What does engineering as a profession mean to you?

As engineers, we want to help people and to use our skills to better the world around us. It is a great feeling to know that we are actually positively contributing something to society. There is also a level of satisfaction when someone looks at or comments on a bridge, a road, or another structure and I can say "I built that," or "I designed that."

The field of engineering as a profession is constantly changing; as engineers, we have to be

adaptable. There is always more to learn, and each day is all about solving another problem.

What does Professional Engineering mean to you?

I am already wired to conduct myself in an honest, ethical, and transparent manner. Having the title of Professional Engineer demonstrates that to others as well. It is of utmost importance for the public to know that the engineering profession operates according to these principles.

Tips / advice for new engineers / folks thinking about the profession / etc.

Put integrity first. It is essential to maintain high integrity throughout your career.

Learn the business side. Engineering is not just engineering. Be prepared to learn and understand costs, production, budgets, resources, benefits, personnel management, and other business concepts as your career progresses.

Be multi-dimensional. Even though you may specialize in one area of engineering, having a basic understanding of other disciplines with which you may work will be extremely helpful as you work through your projects.

Understand the importance of a team. Successful projects do not happen because of just one person.

Have fun. Work should be fun and challenging at the same time.

What is something for readers to think about for the future of engineering or the profession – something looking forward or direction.

As technological change occurs at a faster and faster pace, it is essential that the engineering profession anticipates technological advances rather than react to current needs. In addition, as we look to the future, we are entrusted by society to achieve a more sustainable world and help raise the quality of life through our skills not only locally, but on a global scale, given the change throughout the world today. It is also a time of exciting opportunity as new technologies improve and enable the creation of new ideas to address the needs of our society.



New TBPE Board Members

On May 13, 2016, Governor Greg Abbott appointed Albert Cheng and Cathy Norwood, P.E., and reappointed Lamberto “Bobby” Ballí, P.E. to the Texas Board of Professional Engineers (TBPE) for terms set to expire September 26, 2021. We wanted to take this opportunity to introduce our new Board members and allow them to explain in their own words what this opportunity means to them.



Albert Cheng

Albert Cheng of Houston is a public health analyst for Harris County Public Health and Environmental Services. Previously, he served as the manager of Voters for the Harris County Tax Assessor Collector & Voter Registrar and as deputy regional director for U.S. Senator Kay Bailey Hutchison. He is a former community advisory board member for The University of Texas Health Science Center for Clinical and Transitional Sciences. Cheng received a Bachelor of Science in political science from the University of Houston.

Although I am not an engineer, I serve as one of the public non-engineer members. My father was a civil/structural engineer and I consider it a huge honor to serve on the Board that regulates his profession. He was very proud to be a P.E. and he worked over 43 years in the Houston petrochemical complex. He was your typical engineer with his

pocket protector and his pens and pencils and perfect block handwriting. He would fix things around the house when they broke. I would ask him, “How do you know how to repair the washing machine?” He would tell me “Just take it apart and see what’s broke.” He would do the same with the cars or electronics when they broke.

The thing I remember most about my father was his tremendous work ethic. Besides being an engineer, he was a small business owner and we always had a family business on the side. At different times he had an office cleaning business, owned a restaurant, a retail franchise, rental property, and then a foundation repair business. I would go with him and help him do foundation inspections. He had three sons and always wanted one of us to become an engineer. He would say that as an engineer you can always find work. My older brother is a CPA, my twin brother is in the catering business, and I went into politics and government. I am glad that I am able to use my experience and professional background to be involved with engineering and the serve the State of Texas. I would encourage anyone who is considering engineering to become a P. E. You can have a very good career and have a good life as an engineer.



Cathy Norwood, P.E.

Cathy Norwood, P.E. of Midland is a senior consulting engineer for Hickman, McClaine & Associates, Inc. and holds a professional engineer license from the State of Texas. She is a member of the Society of Petroleum Engineers and served as its past chairman for the Permian Basin Section Reservoir Study Group. Additionally, she was past chairman of the Midland Chapter of the Society of Petroleum Evaluation Engineers and former board member of the Midland Symphony Guild, Multiple Sclerosis Society and Leadership Midland. Norwood received a Bachelor of Science in petroleum engineering from Texas Tech University.

I became a P.E. so that I would have more flexibility in my career and not always have to work under a corporate umbrella. Being a P.E. has allowed me a rewarding career in petroleum consulting. Not only does it permit me to work for the public but I believe it exhibits a commitment to professionalism and to expanding my engineering knowledge through continuing education.

As a TBPE board member I have the privilege to be part of something that I strongly believe in: professional registration and ethics. I believe I am the first petroleum engineer to serve on the Board and I am very proud

to represent my discipline. My goals are to promote professional registration and lend another point of view to the Board on issues that arise.

I tell all young engineers to take the FE ASAP! You don’t know what the future holds or where your career will take you. Don’t wait until you have been out of school for so long that you have to study up on the basics of your discipline just to take the test. The FE is not a test prepared by your most dreaded engineering professor, it is prepared by a committee charged with testing for MINIMUM COMPETENCY, not maximum difficulty.

Also, I believe it offers an engineer more flexibility and control over their career by not requiring him or her to always work under the industry exemption. You don’t have a crystal ball so get ready for the future and take the first step to licensing. As our world becomes more and more technologically driven I do not see the need for engineers decreasing in fact I think they will be in more demand than ever!

Spotlights

Inspiring YOUNG Engineers



Once again this year TBPE partnered with the Texas Science and Engineering Fair (TXSEF-www.txsef.org) to sponsor the senior level engineering divisions for the state science fair. The science fair was held March 31 to April 2, 2016, in San Antonio. TBPE awarded the second annual “Texas Board of Professional Engineers Future Engineer Award” to recognize exceptional projects demonstrating the principles and practice of engineering.

A few comments received from the hard-working recipients:

“I am a highly motivated high school student who enjoys all subjects revolving around math or science. I look forward to attending college and studying either medicine or chemical engineering, as chemistry and mathematics are my favorite subjects. Completing this science fair project has only made me more passionate towards the sciences and towards - discovering new and innovative processes. I have become aware of my love for research and experimentation through this science fair journey.”
-Hina Akbar

“I originally wanted to pursue the medical field. Once I started doing science fair, I was attracted to the engineering field where I could construct solutions to problems plaguing the world. More interesting was my ambition of disassembling electric components such as phones and cameras, an influence to my future career path. Recently, because I have the opportunity such as science fair, I have been motivated to dive into more complex topics that are encompassed in engineering.

In the future, I definitely want to get a degree in either electrical engineer-

Award recipients from left to right are the following:

- Kinsey Brawner**, Engineering Mechanics - Solar Tracker Design and Analysis
- Kaylee Brawner**, Engineering Mechanics - Solar Tracker Design and Analysis
- Malav Shah**, Engineering Mechanics - True-HEV: An Innovation for Hybrid Electric Engines
- Burzin Balsara**, Engineering Mechanics - True-HEV: An Innovation for Hybrid Electric Engines
- Isuru Somawardana**, Biomedical Engineering - Utilizing Cardiac and Pulmonary Function with Piezoelectricity to Power a Cardiac Pacemaker: Year II
- Hina Akbar**, Environmental Engineering - Desalination Using Mediator-Less Microbial Fuel Cells
- Annie Zhang**, Environmental Engineering - Desalination Using Mediator-Less Microbial Fuel Cells

ing, computer science, or biomedical engineering and go further with a job within these fields. However, through the experiences of the science fair, I have been able to explore topics I would have never thought existed.”
-Malav Shah

“I have always loved tinkering with anything that I could get my hands on. Because of this, I have always had an endless interest for taking things apart, whether in good condition or not, to see how they function. In recent years this curiosity of mine has grown to a passion, further fueling my interest in STEM and has also helped me look at everything in a different way. I have realized through

my interests that everything in the world somehow involves science and engineering.

To me this means that anything I do in this field has the power to change the world, and hence my dedication to the topic area. My parents have also influenced me, as they have always motivated me to work hard, learn by questioning everything, and challenge me to go beyond my limits. In the near future, I hope to attend an engineering school such as Stanford or MIT, where I would like to pursue a degree in mechanical and electrical engineering.”
-Burzin Balsara

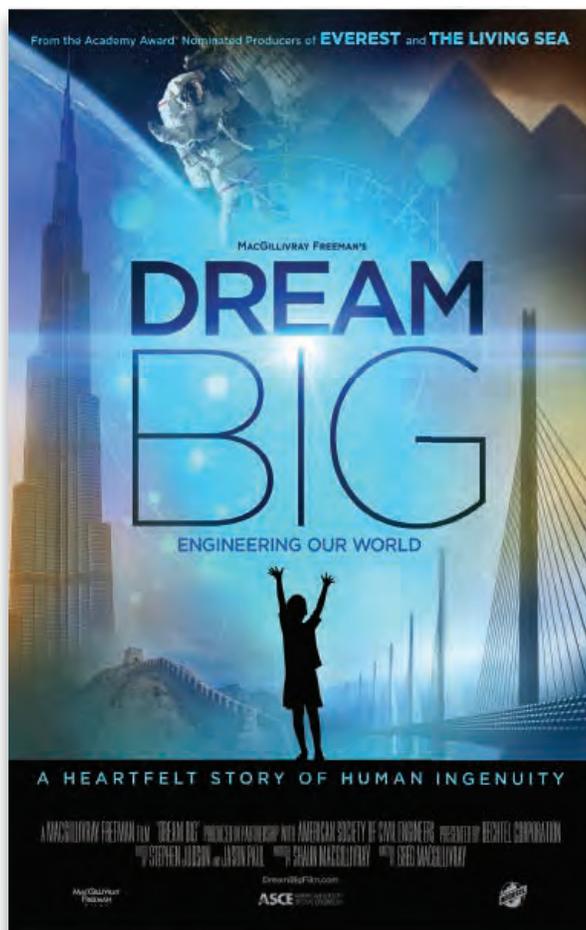
DREAM BIG:

Engineering our World

THE MOVIE

The project is so big, it is more than a movie—

it's part of a movement aimed at bringing engineering into the forefront of our culture. Dream Big is the first giant-screen film to answer the call of the STEM (Science, Technology, Engineering, Math) initiative, which aims to inspire kids of diverse backgrounds to become the innovators who will improve the lives of people across our entire planet as we head into the 21st Century and beyond. That's why the film will be accompanied by ongoing educational, museum and community efforts to expose young people from all backgrounds to what engineering is...and what it can conjure in the world.



This movie was produced in partnership with the American Society of Civil Engineers (ASCE) and was sponsored by Bechtel Corporation, ASCE, The National Council of Examiners for Engineering and Surveying (NCEES) and The United Engineering Foundation (UEF)

Engineering Volunteer Opportunities

Being involved in engineering is a year-round endeavor, but there are usually a number of events focused in and around February each year – including Engineering Week activities. Many engineering organizations sponsor events, activities, and school visits to promote the practice of engineering and to encourage young people to consider engineering as a career choice. TBPE is an active participant in Engineers Week events and we encourage you to join in and help out in any way you can. Just a reminder - PEs that participate in educational activities can claim up to 3 hours of continuing education activity credit. §137.17(f)(10)

Let's get out there and show the public who we are and what engineers can do! <http://engineers.texas.gov/resources.html>

The Value of P.E. Licensure Video



In all engineering disciplines, the professional engineer (P.E.) license is one of the most important credentials an engineer can obtain. Ideally the path to licensure begins in the final year of college. We have posted a video on our website homepage which demonstrates the value of the Professional Engineer License and the necessary steps to becoming a P.E. in Texas. The video was produced by TSPE (Texas Society of Professional Engineers) in cooperation with TBPE.

Link:

<http://engineers.texas.gov/PEvideo>

CONTINUING EDUCATION PROGRAM REFRESHER

In 2003, the Texas Legislature implemented a Continuing Education Program (CEP) which requires each license holder to complete 15 Professional Development Hours (PDH) for each renewal period. Compliance with our continuing education requirement is mandatory for renewal of an active license. Each renewal period, P.E.'s are randomly selected for an audit to verify the claimed hours. Over the years, we've seen certain issues come up time and again, so we have put together some best practices for claiming your Continuing Education (CE) hours. (See Board Rule 22 TAC §137.17 for a complete listing of all CE requirements and criteria).

License Renewal

You cannot legally renew your license until you have completed the required 15 PDH's. Double check your hours before you click the box on your renewal. If you cannot supply the necessary proof of PDH's and you get selected for an audit, an enforcement case could be opened by the Board and your license may be sanctioned.

CEP Exemptions

There are some exemptions from the CEP requirement such as; inactive status, active military or a documented disability. You are not exempt from the continuing education requirement after the age of 65 or if you are in a teaching profession.

Inactive Status

If you have not practiced engineering in Texas during your renewal period, you may place your license in an Inactive Status before you renew and you would be exempt from the CEP requirement. For further information, refer to: <http://www.engineers.texas.gov/Inactive>

Active Military

A license holder serving on active duty and deployed outside the United States for at least 120 days is exempt from the continuing education.

Disability

If you have experienced a physical disability, illness, or another extenuating circumstance as reviewed and approved by the Board, you may be exempt. Supporting documentation must be furnished to the Board.

No documentation supporting your activity = No PDH hours earned

- Keep copies of all supporting documentation such as completion certificates or certificates of attendance in an easily accessible and retrievable location. If you do not have certificates for the claimed activities then include receipts, agendas, conference flyers or other documentation demonstrating you actually attended the claimed activity.

Self Study

- If you are claiming a CEP activity as Self-Study (ie: reading a magazine, reading the Texas Engineering Practice Act, free online classes/

videos), please keep a copy of the cover w/table of contents or website page of the description of the free online class or video information and count those hours as self-study. A maximum of 5 hours of self-study is allowed.

- You may take free online classes/videos and they will count as qualifying PDH's. You must have supporting documentation from the entity that produces these classes/videos in order to receive all the allowable PDH's. If you do not have supporting documentation then these types of activities can count as self-study (maximum of 5 PDH's for self-study).

NCEES CPC Tracking System

(National Council of Examiners for Engineering and Surveying Continuing Professional Competency)

NCEES has implemented an electronic tracking system that may be useful for all individuals, especially the ones that are licensed in other jurisdictions. *Please note:* This tool is optional. For further information regarding this tool, please visit NCEES <http://ncees.org> and click on MyNCEES.

PDH Carryover

A maximum of 14 PDH's may be carried forward into the subsequent renewal period. The only hour that cannot be carried forward is your ethics requirement. The ethics requirement has to be earned every year.

Remember: Not having completed the PDH requirement, not having the appropriate documentation, and/or not responding during an audit = referral to the enforcement department and disciplinary action against your license.

For more information regarding the Continuing Education Program, please visit our website at <http://engineers.texas.gov/CEP>

If in doubt; please contact Debbie Trevino, the Continuing Education Program Coordinator at cep@engineers.texas.gov

<http://engineers.texas.gov/CEP>

Dorian Earl Ross #87454, Arvada, CO; Case Number D-36406

Violation: Ross accepted the Board's offer to voluntarily surrender his license to settle an open investigation into conduct that had occurred in another jurisdiction, which if had occurred in Texas pursuant to 22 TAC 137.65(b), his actions would have violated 22 TAC §§ 137.37(a)(1), 137.55(b), 137.57(b)(3), 137.59(a), and 137.63(a) and (b)(4)-(6). In addition, he failed to notify the Board he had been disciplined by another jurisdiction's regulatory agency.

Act/Rule Violated: 22 TAC §137.5(c).

Resolution: Ross voluntarily surrendered his Texas professional engineer license in lieu of further disciplinary action, which the Board subsequently revoked his Texas professional engineer license effective May 26, 2016.

Cecil Randolph Bomar, Jr., Previous P.E. #75149, Houston, TX; Case Number: D-35605

Violation: Bomar's Criminal History Record Check revealed two misdemeanor convictions and one felony conviction; however Bomar never notified the Board in writing of any of the aforementioned criminal convictions in violation of Board Rule 22 TAC §137.5(c). Respondent failed to conduct engineering in a professional, honest and ethical manner as demonstrated by the felony conviction, his failure to report the convictions to the Board, and his providing false information on his license renewals.

Act/Rule Violated: Board Rule 22 TAC §137.5(c)

Resolution: Bomar voluntarily surrendered his Texas professional engineer license in lieu of further disciplinary action, which the Board subsequently revoked his Texas professional engineer license effective August 27, 2015.

Donatus Anyanwu, P.E. #86647, Dallas, TX; Cases Number: D-34879 & D-35298

Violation: Anyanwu failed to comply with the terms of the Agreed Board Order (ABO) he signed on March 23, 2013, and approved by the Board on May 23, 2013, which involved and resolved three cases (D-31880, D-31963 and B-31881). Anyanwu failed to timely pay the administrative penalty of \$15,000, which resulted in the Board lifting his six year probated suspension effective July 13, 2013. As a consequence, the firm registration for Anyanwu's

Enforcement News Disciplinary & Administrative Actions

In the last fiscal year, the Board formally approved the following enforcement case actions during TBPE meetings based upon applicable rules in effect at the time of the violation. The Enforcement Staff and the Board considered each case and the ensuing sanction in light of case specific, unique facts and circumstances.

firm, ADI Engineering, Inc. (ADI), become "Inactive" since Board records do not show any currently active Texas licensed professional engineer whose license is in good standing employed full time by ADI. In addition, Anyanwu did not comply with the other agreed upon terms of the ABO. He failed to successfully enroll in, and complete the Texas Tech University Engineering Ethics III Course within six months; he did not limit his practice to only Mechanical Engineering discipline; and he did not submit completed engineering plans to the Board at specified intervals for evaluation. Despite, his license being suspended Anyanwu continued to practice engineering and aided and abetted ADI in performing engineering services while inactive. He also convinced others to sign and seal his engineering designs and plans, resulting in enforcement disciplinary action taken against those individuals.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A), (B) and (C), 1001.301(a)-(c), 1001.401(c), 1001.405, and 1001.451 and 22 TAC §§ 137.37(2), 137.59(a)-(b), 137.63(a), 137.63(b)(2), 137.63(c)(1) 137.77 (a)-(e)

Resolution: Anyanwu voluntarily surrendered his Texas professional engineer license in lieu of further disciplinary action, which the Board subsequently revoked his Texas professional engineer license effective November 19, 2015.

Audie Bradshaw, Garland, TX; Case Number: B-34835

Violation: Bradshaw is not nor has he ever been licensed in Texas as a professional engineer. Bradshaw practiced engineering in Texas by preparing electrical design plans for fifteen known projects, and representing such plans as an engineer's work product by affixing

a rendition of an invalid Texas engineer seal on the plans and signing another's signature without her knowledge or permission. On January 5, 2015, the Board appeared before the State Office of Administrative Hearings for a formal hearing to be held however, Bradshaw did not appear. The Administrative Law Judge granted a default judgment and referred the case back to the Board to issue a Final Order.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A), 1001.301(a) and 1001.405.

Resolution: Cease and Desist Order and a \$45,000.00 administrative penalty

Thomas W. Keiss, Fort Worth, TX; Case Number B-35745, B-36305, & B-36308

Violation: Keiss offered and practiced engineering with a revoked license. Keiss unlawfully affixed his seal to engineering documents after his license had been revoked.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A)-(C), 1001.301(a) and (e), and 1001.401(c) and 22 TAC §137.37(a)(2).

Resolution: Cease & Desist Order & Administrative Penalty of \$19,800.00

Bryan D. Hull, Richardson, TX; Case Number B-34417

Violation: Hull prepared and submitted to the City of Decatur, Texas two sets of engineer design plans for permitting approval bearing the firm title block of an unregistered firm and signature and seal of Carol Chadwick, P.E. License No. 112517 which, Carol Chadwick did not prepare, review, nor inspect. Hull pled guilty to and was convicted of forgery for affixing Carol Chadwick, P.E. License No. 112517 signature and seal to engineering plans submitted to the City of Decatur without her expressed permission for work she did not prepare. Hull's submis-

sions violated the Final Order dated August 16, 2012, and constitute the unlawful practice of engineering and unlawfully providing engineering services.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A) and (C) and 1001.301(b) and (c) and 1001.405 and Board Rules 22 TAC §§ 137.33(a), 137.37(b), and 137.77(a) and (d).

Resolution: Cease & Desist Order & Administrative Penalty of \$18,600.00

Bhupendrakumar V Patel, P.E. #47399, Southlake, TX; Case Number D-36299

Violation: Patel failed to practice engineering in an honest, ethical, competent, careful and diligent manner by neglecting to adhere to a local municipality's codes and state regulations, thus endangering the public health, safety, and welfare. Patel improperly signed engineering documents obscuring his seal.

Act/Rule Violated: 22 TAC §§ 137.33(f)(1), 137.55(a) and (b), 137.59(a), and 137.63(a), (b)(1), (b)(5), and (b)(6).

Resolution: Four Year Probated Suspension contingent on remittance of an Administrative Penalty of \$5,400.00, & successful completion of Texas Tech University Engineering Ethics Level I course

James Babb, P.E. #56440, Friendswood, TX; Case Number D-35247 & D-35495*

Violation: Babb provided misleading oral or written assertions to TDI by placing his seal on the WP1-2's for multiple properties. By failing to meet applicable code requirements and failing to respond to TDI's requests for substantiating information in a timely and complete manner, Babb did not meet his professional practice requirements. Babb failed to practice engineering in a careful and diligent manner.

Act/Rule Violated: 22 TAC §137.57(b)(3) and 137.673(b)(1) and (b)(6).

Resolution: Formal Reprimand, 3 Month Suspension, and 21 Month Probated Suspension contingent on remittance of a \$5,000.00 Administrative Penalty, & successful completion of Texas Tech University Engineering Ethics Level I course

* This case was consolidated for hearing with Docket No. 454-15-3902.C, *Texas Department of Insurance v. James A. Babb, P.E.*, which is an action filed by TDI Staff against Respondent based on the same alleged facts. On January 28,

2016, ALJ Card prepared and filed a Proposal for Decision for SOAH Docket No. 454-15-3902.C, which recommended Respondent's appointment as a qualified inspector be revoked for violations of Texas Insurance Code and TDI Rules. On March 10, 2016, TDI issued an Official Order of the Texas Commissioner of Insurance revoking Respondent's appointment as a qualified inspector. On April 18, 2016, Respondent submitted a Motion for Rehearing through his newly hired attorney, Jon A. Jaworski. On April 22, 2016, Staff Attorney Rachel Cloyd filed TDI's Reply to Respondent's Motion for Rehearing.

Albert Alaniz III, P.E. #75361, Corpus Christi, TX; Case Number: D-36015

Violation: Alaniz practiced engineering while his Texas professional engineer license was expired. Alaniz's Texas professional engineer license expired and was not renewed for four months during which, Alaniz signed and sealed engineering construction plans. Alaniz aided and abetted an inactive engineering firm in the illegal practice of engineering. Alaniz failed to act as faithful agent in that he misrepresented to the client for the Project he was legally able to offer and provide engineering services.

Act/Rule Violated: Tex. Occ. Code §§ 1001.401(c) and 1001.405(b)(1), (e)(1), and (e)(3) and 22 TAC §§ 137.7(a), 137.37(a)(2), 137.63(a), (b) (4), (b)(6), and (c)(1), and 137.77(a) and (d)-(e)

Resolution: Two Year Probated Suspension contingent on payment of Administrative Penalty in the amount of \$4,420.00 and successfully complete Texas Tech University Engineering Ethics II Course.

Jack Crowell Camp, P.E. #113551, Eau Claire, WI; Case Number: D-35753

Violation: Camp falsely certified he had completed the required Continuing Education credits on his last license renewal when he had not done so. Following his renewal of his license in which he certified he completed the required 15 hours of Continuing Education, the Board selected Respondent for a random audit of his Continuing Education records. Camp only provided records showing completion of 2.5 hours.

Act/Rule Violated: Tex. Occ. Code §1001.210(b) and Board Rules 22 TAC §§ 137.63(a) and 137.17(p)

(2)-(3).

Resolution: Two year probated suspension and a \$4,000.00 administrative penalty

Dr. Rosser Melton, Jr., Denton, TX; Case Number: B-35680

Violation: Dr. Melton is not nor has he ever been licensed in Texas as a professional engineer. Dr. Melton is the owner of an 1880 era masonry building in the City of McKinney (City), Texas, which is in need of repairs due to a crack in the masonry wall. City building officials, informed Dr. Melton because the crack may be a "structural separation" he would need an engineer's report regarding the repair. Dr. Melton then practiced engineering in Texas by submitting to the City on or about December 18, 2014, an "engineering type report" dated initially December 5, 2014 and then re-dated December 18, 2014, which he signed as "private engineer" after his name on the report.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A) and 1001.301(a)-(c)
Resolution: Cease and Desist Order, an Administrative Penalty in the amount of \$3,900.00, and Court and Investigative Costs in the amount of \$359.09.

Saeed Kheradmandnia, Dallas, TX; Case Number B-36181

Violation: Kheradmandnia offered and practiced engineering without being licensed by the Board and falsely signed and sealed engineering documents indicating a professional engineer performed or directly supervised the work.

Act/Rule Violated: 1001.004(c)(2)(A) and 1001.301(a) and (c)-(e) and 22 TAC §137.37(b).

Resolution: Cease & Desist Order & Administrative Penalty of \$3,900.00

Melvin Holloway, Houston, TX; Case Number: E-35918

Violation: Holloway offered and practiced engineering without being licensed by the Board. Holloway is not nor has he ever been licensed as a professional engineer by the Board. Holloway issued an Inspection Report for a Project containing the phrase, "By this letter, I [Melvin Holloway] am assuming the role of the ER (Engineer of Record) for the entire property." In addition, the inspection report also contains a "Professional Engineer" seal bearing Holloway's name. Holloway practiced engineering as evident by his analysis as stated in

the Inspection Report. Holloway's firm offered and practiced engineering without being registered with the Board. Holloway owns and operates the firm HD Holloway Designs (Firm). The Firm is not registered with the Board nor has the firm completed the business entity registration process.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A), 1001.301(a) and (d), and 1001.405(b)(1) and (e) and 22 TAC §§ 137.71(1) and (6) and 137.77(a) and (d)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$3,900.00.

Brian D. Gaylord, Fort Worth, TX; Case Number: B-35877

Violation: Gaylord offered and practiced engineering without being licensed by the Board. On or about March 31, 2015, Gaylord affixed the seal and signature of licensed P.E. to design sheets for a Project without the P.E.'s knowledge and/or permission. Gaylord unlawfully practiced engineering by preparing and producing the design sheets for the Project. Gaylord's business entity offered and provided engineering services without being registered with the Board.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A)-(C), 1001.301(a) and (d), and 1001.405(b)(1)-(2) and 22 TAC §§ 137.37(b) and 137.77(a) and (d)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$3,720.00.

Michael Sandone Productions, Inc., Dallas, TX; Case Number: B-35876

Violation: Michael Sandone Productions, Inc. (Respondent) practiced engineering without being registered with the Board. Respondent submitted engineering design plans with a City in order to obtain a building permit for a tent structure to be erected on April 16, 2015 at a campus. The engineering design plans bear Respondent's firm name and contained engineer seals belonging to two different licensed professional engineers. Respondent is not registered with the Board nor has the Respondent completed the business entity registration process. Respondent engaged in the practice of engineering without having the engineering services performed by a licensed engineer. One of the listed professional engineers became deceased on February 19, 2000 and the other listed

P.E. notified the Board the weight anchor design plan containing his seal, signature, and dated November 7, 2014, were not produced, signed or sealed by him.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (b)(2), 1001.004(c)(2)(A), and 1001.301(a) and 22 TAC §137.77(a) and (d)
Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$3,600.00.

Juan Guzman, Amarillo, TX; Case Number B-35949

Violation: Guzman practiced engineering without being licensed by the Board. Guzman is not now nor has ever been licensed as a professional engineer in Texas with the Board. Guzman's firm is not registered with the Board nor has it completed the business entity registration process. The eight engineered carport designs modified by the Guzman and submitted to the City of Amarillo all contain Guzman's firm title block.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A) and 1001.301(a) and (d) and 22 TAC §137.37(b)
Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$3,000.00.

Clyde E. Israel, Amarillo, TX; Case Number D-36307

Violation: Israel issued a misleading Federal Emergency Management Agency (FEMA) Elevation Certificate. Israel failed to properly include the firm registration number on the FEMA Elevation Certificates. Israel failed to practice engineering in a careful and diligent manner.

Act/Rule Violated: 22 TAC §§ 137.33(n), 137.57(b)(3), 137.63(b)(6), and 137.77(h).

Resolution: One Year Probated Suspension contingent on remittance of an Administrative Penalty of \$2,835.00

Dewayne Braun, Wimberley, TX; Case Number E-36436

Braun represented to the public he was a professional engineer without being licensed by the Board by affixing the abbreviation for professional engineer following his name on correspondence with the public.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(B)-(C) and 1001.301(b)(1)-(2) and (c).
Resolution: Cease & Desist Order & Administrative Penalty of \$2,250.00

Harish Navinchandra Shah, P.E. #67169, Corpus Christi, TX; Case Number D-36069

Violation: Shah issued misleading Windstorm Inspection Verification Forms to Texas Department of Insurance. Shah affixed his seal and signature to three WP1-2 forms for the project in question. Shah failed to act as a faithful agent to his client and failed to practice engineering in an honest and ethical manner in that his false certifications placed the owner in jeopardy of losing windstorm and hail insurance protection if the deficiencies were not corrected. As such, Shah failed to conduct engineering in a careful and diligent manner.

Act/Rule Violated: 22 TAC §§ 137.57(b)(3), 137.63(a) and 137.63(b)(5) and (b)(6)

Resolution: One Year Probated Suspension contingent on payment of Administrative Penalty in amount of \$1,950.00 and successfully complete Texas Tech University Engineering Ethics I Course.

Acuity Consulting & Engineering, Inc., Chanhassen, MN; Case Number B-35779 & B-35867

Violation: Acuity Consulting & Engineering, Inc. represented to the public the firm was engaged in the practice of engineering by using the words engineer, engineering, and abbreviation for professional engineer contained in the four (4) Rooftop Investigation reports. Acuity Consulting & Engineering, Inc. offered and provided engineering services without being registered with the Board, and engaged in the practice of engineering without having the engineering services performed by a licensed engineer.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(A), 1001.301(a), (d), and (e), and 1001.405(b)(1)-(b)(2) and (e) and 22 TAC §§ 137.71(2) and (6) and 137.77(a),(b) and (d).

Resolution: Cease & Desist Order & Administrative Penalty of \$2,000.00

Neri Alvarez, P.E. #121691, Humble, TX; Case Number D-36446

Violation: Alvarez failed to engage in business activities in an honest and ethical manner by issuing fraudulent Certificate of Liability Insurance forms.

Act/Rule Violated: 22 TAC §§ 137.57(b)(1)-(3), 137.63(a) and 137.63(b)(4) and (b)(5).

Resolution: One Year Probated Suspension contingent on remittance of an Administrative Penalty of \$1,950, & successful completion

of Texas Tech University Engineering Ethics Level I course

Saeid Bassari, P.E. #81420, Leander, TX; Case Number D-36320

Violation: Bassari misrepresented the engineering firm he performed engineering services for by affixing an improper firm name to an engineering report.

Act/Rule Violated: 22 TAC §§ 137.33(n) and 137.57(b)(3).

Resolution: One Year Probated Suspension contingent on remittance of an Administrative Penalty of \$1,950.00

Randy Lee Rutherford, P.E. #93778, Houston, TX; Case Number: D-35638

Violation: Rutherford prepared, signed and sealed the As-Built Certificate for project No. 8-2502-5, certifying that the wet bottom detention basin and trash rack were completed and fully installed; however, an inspection of the completed project confirmed the trash basin was not completed according to the drawings and specifications on file. Rutherford signed and released an engineering document which was misleading or created a false impression.

Act/Rule Violated: Board Rule 22 TAC §137.57(b)(3)

Resolution: One year probated suspension, a \$1,950 administrative penalty, and Texas Tech University Engineering Ethics Course Level I

Rodney Alan Ekern, P.E. #47986, Arlington, TX; Case Number D-35672

Violation: Ekern failed to properly and promptly notify the Board of his change in employment status. Ekern created a misleading impression as to what firm actually provided the engineering services for the project in question. In addition, Ekern offered and provided engineering consulting services as a sole proprietor without having registered the firm with the Board.

Act/Rule Violated: 22 TAC §§ 137.57(b)(3) and 137.77(d)

Resolution: Formal Reprimand and Administrative Penalty in amount of \$1,500.00.

Charles W. Schibi, P.E. #66852, Corpus Christi, TX; Case Number D-36059

Violation: Schibi issued misleading Windstorm Inspection Verification Forms to Texas Department of Insurance, and failed to practice engineering in manner that is respectful of the client.

Act/Rule Violated: 22 TAC §§ 137.57(b)(3) and 137.63(b)(5).

Resolution: Six Month Probated Suspension contingent on remittance of an Administrative Penalty of \$1,500.00

Jay Victor Hamm, P.E. #46400, Dallas, TX; Case Number: D-35778

Violation: Hamm failed to properly date and include a caveat or disclaimer on the submitted engineering plan sheet indicating the documents were only for preliminary purposes. Hamm failed to properly include the firm registration number on the engineering plan sheets for the Project. Hamm failed to properly include the execution date on final engineering document for the Project prior to being issued. Hamm's submission for the Project lacked the final execution date. Hamm failed to implement reasonable measures to secure his seal from unauthorized use in that a former employee was able to use Hamm's seal and signature on other projects without neither Hamm's knowledge nor permission.

Act/Rule Violated: 22 TAC §§ 137.33(d), (e), (f), and (n)

Resolution: One year probated suspension contingent on payment of Administrative Penalty in the amount of \$1,000.00 and successfully passes the Board's Ethics Course Exam.

Michael Sterling Hackebeil, P.E. #62720, Hondo, TX; Case Number: D-35714

Violation: Hackebeil practiced engineering with an expired license. Hackebeil signed and sealed shop drawings without having a registered firm.

Act/Rule Violated: Board Rules 22 TAC §§ 137.7(a), 137.37(a)(2), and 137.63(a)

Resolution: One year probated suspension and a \$990.00 administrative penalty

Tracy Alan Martin, P.E. #90218, Liberty Hill, TX; Case Number D-36092

Violation: Martin practiced engineering while his Texas professional engineer license was expired. Martin assisted and facilitated a non-registered firm in the illegal practice of engineering. Martin failed to notify the Board of change in his employment status within the allotted timeframe, thirty days. As such, Martin failed to conduct engineering in a careful and diligent manner.

Act/Rule Violated: Tex. Occ. Code §1001.401(c) and 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.5(a), 137.7(a), 137.13(h), 137.37(a)(2), 137.63(c)(1), 137.63(b)(6), and 137.77(a) and (d)-(e)

Resolution: One Year Probated Suspension contingent on payment of Administrative Penalty in amount of \$975.00 and successfully complete Texas Tech University Engineering Ethics I Course.

Nick Manesh, P.E. #60994, Dallas, TX; Case Number: D-35846

Violation: Manesh neglected to sign and seal engineering drawings in an inspection report. Manesh failed to properly include the firm registration number on engineering documents, implement reasonable measures to secure his seal from unauthorized use, and notify the Board of change in his employment status within the allotted timeframe.

Act/Rule Violated: Board Rules 22 TAC §§ 137.33(d), (f), and (n), 137.5(a), 137.63(b)(2), 137.73(a)(5), and 137.77(a), (d), and (h)

Resolution: Formal reprimand and a \$975.00 administrative penalty

Jason Robert Milligan, P.E. #96383, Hoover, AL; Case Number D-36132

Violation: Milligan practiced engineering while his Texas professional engineer license was expired. Milligan's Texas professional engineer license expired and was not renewed for twelve months during which Milligan signed and sealed engineering plans. Milligan failed to properly affix an execution date on engineering documents prior to being issued.

Act/Rule Violated: Tex. Occ. Code §1001.401(c) and 22 TAC §§ 137.7(a), 137.33(f), and 137.37(a)(2)

Resolution: One Year Probated Suspension contingent on payment of Administrative Penalty in amount of \$750.00.

Stephen Paul Blake, P.E. #76335, San Antonio, TX; Case Number D-35916

Violation: Blake neglected to practice engineering in a careful and diligent manner by failing to clearly and effectively communicate with client.

Act/Rule Violated: 22 TAC §137.63(b)(6).

Resolution: One Year Probated Suspension contingent of remittance of an Administrative Penalty

Continued on pg 16

of \$500.00, payment of Restitution in the amount of \$425.00, & successful complete Texas Tech University Engineering Ethics Level I course

Devcol Engineering, LLC, Cypress, TX; Case Number B-36213

Violation: Devcol Engineering, LLC practiced engineering and represented to the public the firm was engaged in the practice of engineering without being registered with the Board.

Act/Rule Violated: Tex. Occ. Code §§ 1001.004(c)(2)(C) and 1001.405(b)(1) and (e)(1), and 22 TAC §§ 137.71(2) and (6) and 137.77(a) and (d)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$650.00

Dana D. Tennill, P.E. #56355, Chesterfield, MO; Case Number D-36502

Violation: In another jurisdiction, Tennill aided and abetted unlicensed individual(s) and an unregistered firm in the unlawful practice of engineering by neglecting to directly supervise the engineering work performed and failing to secure his seal. In accordance with 22 TAC §137.65(b), if Tennill's conduct had occurred in Texas, his actions would have violated 22 TAC §§ 137.31(e), 137.33(b) and (d), and 137.63(b)(3) and (c)(1). Tennill failed to properly and promptly notify the Board he had been disciplined by another jurisdiction's regulatory agency.

Act/Rule Violated: 22 TAC §137.5(c).

Resolution: One Year Probated Suspension contingent on successful completion of Texas Tech University Engineering Ethics Level I course

Steven Ward Crain, P.E. #46945, Houston TX; Case Number D-35712

Violation: Crain failed to report to the Board his criminal convictions. The Board performed a Criminal History Record Check, as required by the Act, §1001.3535(a), which revealed information Crain had been convicted of two misdemeanor crimes. Crain failed to timely notify the Board of his felony criminal conviction, within required 30 days of the conviction. Therefore, Crain failed to conduct engineering in an honest and ethical manner.

Act/Rule Violated: 22 TAC §§ 137.5(c) and 137.63(a)

Resolution: Formal Reprimand and successfully complete Texas Tech University Engineering Ethics I Course.

Gerald Paul Wilson, P.E. #98053 (Inactive), Sugar Land, TX; Case

Number: D-36078

Violation: Wilson offered and practiced engineering while his professional engineer's license was inactive. Wilson misrepresented his license status and failed to display his professional engineer license as inactive on correspondence. Wilson failed to practice engineering in a careful and diligent manner.

Act/Rule Violated: 22 TAC §§ 137.13(a), (f), and (h), 137.57(b)(3), and 137.63(b)(6)

Resolution: Formal Reprimand and One Year Probated Suspension.

City of Venus, Texas; Case Number G-32743

Violation: The City of Venus failed to ensure a public work project was designed and construction directly supervised by a Texas licensed professional engineer.

Act/Rule Violated: Tex. Occ. Code §§ 1001.407(1)-(2).

Resolution: Cease & Desist Order & After-the-Fact Inspection Report of the Public Works Project

Norville Schroeder Smith and Associates PLLC (F-3592), Lubbock, TX; Case Number: B-35879

Violation: Norville Schroeder Smith and Associates PLLC (Respondent) offered and provided consulting engineering services while Respondent's registration was expired. On March 31, 2014, Respondent's engineering firm registration expired and has not been renewed. Respondent has performed engineering services on one Texas project since Respondent's firm registration expired. Respondent has never notified the Board the P.E. no longer works for the Respondent. Respondent practiced engineering without employing a full-time actively licensed professional engineer.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(b) and (d)-(e)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$750.00.

J.S. Held Engineering Services, LLC, Dallas, TX; Case Number B-36107

Violation: J.S. Held Engineering Services, LLC offered and performed engineering services without being registered with the Board.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (e).

Resolution: Administrative Penalty of \$760.00

Bruce Edward Urband, P.E. #45794, Houston, TX; Case Number: D-35811

Violation: Urband offered to perform engineering services while his Texas professional engineer license was inactive in that he failed to properly display his inactive status.

Act/Rule Violated: Board Rules 22 TAC §§ 137.13(h), 137.13(f), 137.63(a), and 137.63(c)(1).

Resolution: Formal reprimand and a \$750.00 administrative penalty

Sage Environmental Consulting, LP (F-2870), Austin, TX; Case Number B-36570

Violation: Sage Environmental Consulting, LP offered and provided consulting engineering services while its registration was expired.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)-(e).

Resolution: Administrative Penalty of \$750.00

Steven M. Conrad dba Conrad Engineering (F-601), Austin, TX; Case Number B-36553

Violation: Steven M. Conrad dba Conrad Engineering offered and provided consulting engineering services while its registration was expired.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)-(e).

Resolution: Administrative Penalty of \$750.00

H. Carlos Smith - Engineers & Surveyors, LLC (F-3378), La Porte, TX; Case Number: B-35797

Violation: H. Carlos Smith - Engineers & Surveyors, LLC (Respondent) offered and provided consulting engineering services while Respondent's registration was expired. On January 31, 2014, Respondent's engineering firm registration expired and has not been renewed. Respondent has performed engineering services on two Texas projects since Respondent's firm registration expired.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)-(e)

Resolution: Administrative Penalty in the amount of \$750.00.

W P & Associates Architects Engineers Planners, Inc., Houston, TX; Case Number B-36507

Violation: W P & Associates Architects Engineers Planners, Inc. offered and provided consulting engineering services while its registration was expired.

Act/Rule Violated: Tex. Occ. Code

§§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)-(e).

Resolution: Administrative Penalty of \$750.00

CIVE Consulting Inc., #F-9848, Houston, TX; Case Number: B-35935

Violation: The firm, CIVE Consulting Inc., offered and provided consulting engineering services while the firm's registration was expired. The firm has performed engineering services on nine (9) Texas projects since firm's registration expired, which has not been renewed.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)-(e).

Resolution: \$750.00 administrative penalty

Plant Engineering Services LLC, #F-9614, Irving, TX; Case Number: B-35796

Violation: The firm, Plant Engineering Services LLC, offered and provided consulting engineering services while the firm's registration was expired.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and Board Rules 22 TAC §§ 137.77(d)-(e).

Resolution: \$750.00 administrative penalty

James H Suchma PE Inc. (F-321), Richmond, TX; Case Number B-36190

Violation: James H Suchma PE Inc. (F-321) offered to provide consulting engineering services while its registration was expired.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(d)-(e)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$500.00

Anchor Equipment Sales, Inc. (F-4559), Houston, TX; Case Number B-35904

Violation: Anchor Equipment Sales, Inc. (F-4559) offered to perform engineering services and represented to the public it was engaged in the practice of engineering while its registration was expired.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (e)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$250.00

E W McAllister PE (F-1123), Houston, TX; Case Number B-36201

Violation: E W McAllister PE (F-1123) offered to provide consulting engineering services while its

registration was expired.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (d)–(e)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$250.00.

Diversified Engineering Services, Inc. (F-7231), Houston, TX; Case Number B-36170

Violation: Diversified Engineering Services, Inc. offered to provide consulting engineering services while Respondent's registration was inactive.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)–(e).

Resolution: Cease & Desist Order & Administrative Penalty of \$250.00

Augustus Professional Engineers and Associates, LLC (F-13503) DBA The Augustus Group, Montgomery, TX; Case Number B-36479

Violation: Augustus Professional Engineers and Associates, LLC offered to provide consulting engineering services while Respondent's registration was expired.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (d)–(e)

Resolution: Administrative Penalty of \$250.00

Sandwell Engineers Corp. (F-13251) Vancouver, BC, Canada; Case Number: B-35931

Violation: Sandwell Engineers Corp. (Respondent) offered to provide consulting engineering services while Respondent's registration was expired and after it was no longer renewable. On February 28, 2014, Respondent's engineering firm registration expired and was not renewed. As of February 28, 2015, Respondent's registration became non-renewable.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)–(e)

Resolution: Cease and Desist Order and an Administrative Penalty in the amount of \$250.00.

AGS Consultants, LLC (F-14647), Houston TX; Case Number B-36126

Violation: While AGS Consultants, LLC (F-14647) registration was inactive, it offered to provide consulting engineering services and represented to the public it was engaged in the practice of engineering through its website and Facebook page.

Act/Rule Violated: Tex. Occ. Code §§ 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(d)–(e)

Resolution: an Administrative Penalty in the amount of \$250.00.

Continental Production Services, Inc. (F-16343), Houston, TX; Case Number B-36166

Violation: Continental Production Services, Inc. (F-16343) offered to provide consulting engineering services while its registration was inactive.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (d)–(e)

Resolution: an Administrative Penalty in the amount of \$250.00.

Jett Engineering, Inc. (F-14801), Houston, TX; Case Number B-36189

Violation: Jett Engineering, Inc. (F-14801) offered to provide consulting engineering services while its registration was inactive.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(d)–(e)

Resolution: an Administrative Penalty in the amount of \$250.00.

Ardoin Engineering (F-9419), Houston, TX; Case Number B-36167

Violation: Ardoin Engineering (F-9419) offered to provide consulting engineering services while its registration was inactive.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(a) and (d)–(e)

Resolution: Cease and Desist Order.

Floresca Associates Inc. (F-1795), Carrollton, TX; Case Number B-36251

Violation: Floresca Associates Inc. (F-1795) offered to provide consulting engineering services while its registration was inactive and expired.

Act/Rule Violated: Tex. Occ. Code §1001.405(e)(1) and 22 TAC §§ 137.77(d)–(e)

Resolution: Cease and Desist Order.

Barry Lee Houseal, Newport Coast, CA; Case Number D-36371

Violation: Houseal unlawfully offered and practiced engineering in another jurisdiction without being licensed by that jurisdiction's regulatory agency. Houseal assisted and facilitated a non-registered firm in the illegal practice of engineering in another jurisdiction. In accordance with 22 TAC §137.65(b), if Houseal's conduct had occurred in Texas, his actions would have violated Tex. Occ. Code §§ 1001.004(c)(2)(A), 1001.301(a), and 1001.405(b)(1) and (e)(1) and 22 TAC §§ 137.77(a) and (d). Houseal failed to notify the

Board he had been disciplined by another jurisdiction's regulatory agency.

Act/Rule Violated: 22 TAC §§ 137.5(c) and 137.65(a).

Resolution: Formal Reprimand

Alan Wayne Lankford, P.E. #95129, Kansas City, MO; Case Number D-36301

Violation: In another jurisdiction, Lankford copied and used the work of another professional engineer without permission as source material in another project. Pursuant to 22 TAC §137.65(b), if Lankford's conduct had occurred in Texas, his actions would have violated 22 TAC §§ 137.63(a) and 137.63(b)(5) and (b)(6). Lankford failed to properly and promptly notify the Board he had been disciplined by two other jurisdictions' regulatory agencies.

Act/Rule Violated: 22 TAC §137.5(c).

Resolution: Formal Reprimand

Roy Alexander Hunt, P.E. #69436, Sacramento, CA; Case Number D-36208

Violation: Hunt failed to complete the required Professional Development Hours (PDH) of continuing education in another jurisdiction. Hunt failed to reply to another jurisdiction's regulatory agency's request for information.

Act/Rule Violated: In accordance with 22 TAC §137.65(b), if Hunt's conduct had occurred in Texas, his actions would have violated 22 TAC §§ 137.17(p)(2)–(3) and 137.51(c).

Resolution: Formal Reprimand.

Charles Wayne Schibi, P.E. #66852, Corpus Christi, TX; Case Number: D-35891

Violation: Schibi offered and practiced engineering in another jurisdiction, Kentucky, without being licensed by that jurisdiction's regulatory board.

Act/Rule Violated: In accordance with Rule 22 TAC §137.65(a), Respondent's conduct had it occurred in Texas would have violated Tex. Occ. Code §§ 1001.004(c)(1)–(2)(A) and 1001.301(a).

Resolution: Formal reprimand

Edward H. Lyscas, P.E. #115234, Peoria, AZ; Case Number D-36372

Violation: In another jurisdiction, Lyscas failed to practice engineering adequately and competently and neglected to adhere to a local municipality's codes. Lyscas assisted and facilitated a non-registered firm and unlicensed individual in the unlawful practice of engineering in another jurisdiction. In accordance

with 22 TAC §137.65(b), if Lyscas' conduct had occurred in Texas, his actions would have violated 22 TAC §§ 137.33(b), 137.59(a)–(b), and 137.63(b)(1), (b)(3), and (c)(1). Lyscas failed to notify the Board he had been disciplined by another jurisdiction's regulatory agency.

Act/Rule Violated: 22 TAC §137.5(c).

Resolution: Formal Reprimand

Alan Edward Money, P.E. #111965, Phoenix, AZ; Case Number: D-35717

Violation: Money failed to practice engineering in a professional, competent, ethical, careful, and diligent manner in Arizona. The Arizona State Board of Technical Registration's office imposed a disciplinary action against the Money for failing to apply technical knowledge in preparing engineering plans.

Act/Rule Violated: Money's conduct, had it occurred in Texas, would have violated Board Rules 22 TAC §§ 137.55(a), 137.57(b)(3), 137.59(a), 137.63(a), and 137.63(b)(6)

Resolution: Formal reprimand

Over 50 years licensed -

CONGRATS TO ENGINEERS LICENSED OVER 50 YEARS

Each year the Board acknowledges individuals who have maintained their P.E. license for over 50 years by mailing them an honorary certificate and a letter from the Governor. This year's certificates were mailed out February 15, 2017.

If you have been licensed over 50 years and did not receive a certificate, please send us an email to info@engineers.texas.gov and we will get one out to you.

Additionally, the complete listing is located on our web site at:

<http://engineers.texas.gov/50>.

NCEES Adds New Online License and Tracking System

On June 20, 2016, NCEES (National Council of Examiners for Engineering and Surveying) rolled out not only a new website, but a whole new system, front end to back end, to assist licensees, prospective licensees, and state boards streamline the licensing process. The roll-out changes the paradigm of state boards transferring copied information from NCEES to state boards and licensees going to one data source to access information. The new streamlined system offers several more services to licensees than the previous NCEES records system. The goal is for licensees and prospective licensees to share their qualification with state boards more efficiently so the boards can issue licenses more quickly.

For TBPE, the new system has streamlined EIT and PE application review process. As staff and customers make adjustments to layout and capabilities, the processes will continue to improve. Over time, NCEES will continue to make additional improvements and offer new services to increase the mobility of licensed engineers.

MyNCEES

The MyNCEES system can be accessed at <https://account.ncees.org/>. It is an integrated system that allows customers to access all NCEES services through one account. Your MyNCEES account allows you to maintain all of your licensure related information in one place. This includes information related to exams, education, experience, and continuing professional competency (CPC) credits. In order to access the system, each user must register for an account. Anyone who registered for an NCEES exam from October 2010 to the present already has an existing MyNCEES account and can use their existing login information to access your account.

NCEES Records Program

For those holding licenses in multiple states, it is sometimes difficult to keep track of the various continuing education documentation, deadlines, and requirements for each of the many states boards. An established NCEES Record will eliminate the hassle of

resubmitting your college transcripts, exam results, employment verifications and professional references. The new system includes capabilities for perspective licensees, prior to the FE exam, to submit and store their education credentials. The NCEES system can also store transcripts and degree evaluations for those that seek to be licensed in future. Once licensed, the credentials become a part of the NCEES record. There is no need to transmit multiple transcripts to multiple state boards. There is no charge to complete the application process and no annual renewal fee.

Continuing Education Tracking

This free NCEES system has the capability to store the continuing education documentation. The licensee enters the dates and hours of credit into the system, and the system provides a summary as to whether the requirements for each of the states have been met. A report can be generated and transmitted specifically to each state for the licensee to submit to the appropriate board. TBPE will accept reports from this system as part of the Continuing Education audit process.

For further questions regarding any NCEES systems outlined above, please refer to <http://ncees.org>. The MyNCEES system can be accessed at <https://account.ncees.org/>.



FY 2015



FY 2016



2017 ETHICS WEBINAR

SCHEDULE:

- March 8, 2017
- June 14, 2017
- September 6, 2017
- December 6, 2017

Ethics webinars are scheduled every quarter to assist professional engineers in meeting their 1 hr. ethics requirement.

Each webinar provides an up-to-date overview of agency activities, case studies, and a review of professional ethics topics. Registration for the ethics webinars are posted one month prior to the scheduled webinar. Refer to <http://engineers.texas.gov/webinars.html> for further information and for the webinar registration links.

JIM NICHOLS TRIBUTE



The Board lost a beloved member of the engineering community this year when past TBPE Chairman Jim Nichols passed away at the age of 92. Nichols was originally licensed as a Professional Engineer in 1954. He became a Board Member in 2000 and served as Board Chair from 2002 to 2006. He continued his service to the Board in an advisory capacity as an NCEES Emeritus Member from 2006 until 2012. He also served on various NCEES committees and attended NCEES Southern Zone and annual meetings.

"I worked with Mr. Nichols on the Board for over 10 years. He was very instrumental in getting Board member participation in NCEES Zone and National meetings for networking activities and committee positions at NCEES. Since Texas is the second largest member of NCEES, he wanted Texas' opinion heard. He made sure that the Board's relation-

ship always remained good with NCEES leadership. He always kept good relationships on behalf of the Board and personally with professional and technical societies such as TSPE, ASCE and ACEC. He was very proud to receive the NCEES Southern Zone's "Distinguished Service Award", the Texas Board, and all professional activities and community services that he was involved in."

Govind Nadkarni, P.E.,
TBPE Advisory Member

"Mr. Nichols was a true 'Texas Gentleman'. He was always willing to give his valuable advice in his usual soft-spoken way. He was never so busy that he could not help. He was a great mentor for all of us."

Edmundo R. Gonzalez, P.E.,
TBPE Advisory Member

"I had the honor to serve with Jim during his tenure as a Board member and chair. These were challenging times especially since we had to select a new executive director. Jim to me was a model member who truly exemplified being a professional engineer."

Jose I. Guerra, P.E.,
TBPE Advisory Member

TBPE RECOGNIZED EMPLOYEES

Several times each year, employees are recognized for exemplary service to the Board. Recently recognized employees pictured from left to right are: George Hartmann, P.E., Licensing Project Manager; Jeff Rodriguez, IT/Communications Programmer; Debbie Trevino, Compliance & Enforcement CEP Coordinator; Clif Bond, Compliance & Enforcement Supervising Investigator and C.W. Clark, P.E., Compliance & Enforcement Director (recently retired and not pictured).



I N M E M O R I A M

We would like to take this moment to recognize the P.E.s that are no longer with us. They left their mark through their service to the engineering profession.

<http://engineers.texas.gov/memoriam>



Texas Board of Professional Engineers
Engineering For A Better Texas

1917 S. Interstate 35, Austin, TX 78741

PRSR STD
US POSTAGE
PAID
WACO, TX
PERMIT NO 1519



**Celebrating the 80th anniversary of the
Texas Board of Professional Engineers**

We are currently developing an anniversary brochure to capture the accomplishments of the Board and engineering milestones over the decades. TBPE was created by the 45th Texas Legislature in 1937 following the New London School explosion in east Texas. Approximately 300 students and teachers lost their lives as a result of improperly designed gas heating system. The Board was established to regulate the practice of engineering through licensing and rules of practice. We will begin distributing the commemorative brochure this Spring.

We want to hear from you!

In our ongoing commitment to improving agency services, TBPE is asking for your feedback. Drop us an email, pick up the phone, or go online to the customer service survey that takes about five minutes to fill out. It can be found at <http://engineers.texas.gov/feedback>.