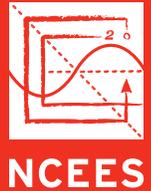


# Licensure EXCHANGE

FEBRUARY 2019  
Volume 23, Issue 1



## KATHY HART

OKLAHOMA STATE BOARD  
OF LICENSURE FOR  
PROFESSIONAL ENGINEERS  
AND LAND SURVEYORS  
EXECUTIVE DIRECTOR



### MEMBER BOARD BRIEF

## Focus on public protection key to addressing threats to licensure

THE TIME HAS PASSED IN WHICH NCEES AND ITS member boards can take a complacent stand on attacks on professional licensing. The hard reality is that we must rapidly change our approach and our comity licensing processes if professional engineering and surveying licensure are to exist in the not-so-distant future.

In the nearly 100 years of engineering and surveying licensing, the challenges we have faced were more inconveniences than threats. We have existed in a bubble. We have never faced the very real threat that the federal government, state governments, and other well-organized groups are now presenting: that professional licensing is a hindrance to the economic and social well-being of American society.

Rather than throwing stones at our critics, it is worth taking a step back to examine our core mission and ask

A top priority for all boards in 2019 should be to seriously take a look in our own backyards and determine if our requirements for comity licensing are truly necessary to determine a person's minimal competence to practice engineering or surveying in our jurisdiction.

ourselves if we are not our own worst enemies. What defense do we have for continuing to embrace a comity licensing system that can be characterized as archaic, inefficient, and exclusive? NCEES and its member boards cannot exist to protect our individual licensing systems. We need to make sure that our licensing processes are focused on protecting the health, safety, and welfare of the public—not on protecting the status quo.

The portability of professional licenses is probably the Achilles' heel of NCEES and its member boards. In most jurisdictions, comity licensure—the system used to license professional engineers and surveyors who are already licensed in another U.S. state or territory—is based on what's always been done or on states' rights issues more than true public protection. Nationally, we are moving in the wrong direction. More and more jurisdictions have adopted legislation that requires a comity applicant to meet their jurisdiction's current requirements, just as if it is their original license, with few exemptions available.

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## MEMBER BOARD BRIEF

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For example, let's look at a P.E. licensed in 13 jurisdictions who has never been disciplined. This person graduated from an EAC/ABET-accredited engineering program, passed the P.E. exam, and has more than 30 years of engineering experience. What true defense can we offer for not granting a comity license? Do we really think this person is not minimally competent because he did not take the Fundamentals of Engineering exam 34 years ago?

Let's take another example: a P.E. licensed in a neighboring jurisdiction with a clean disciplinary record. She graduated with a four-year engineering technology degree from an ETAC/ABET-accredited program, passed the FE and PE exams, and has 25 years of engineering experience. Would your jurisdiction issue a comity P.E. license to this individual? If not, what would be your argument as to why this person is not minimally qualified to practice engineering in your jurisdiction? Don't focus on the argument that your law doesn't allow it. Can you honestly say this person is not minimally qualified to practice when there is a provision in the NCEES *Model Law* to accept degrees from ETAC/ABET-accredited programs? I know the *Model Law* is just that—a model—but it's a model that all of the NCEES member boards have worked together to develop.

These are the types of examples that legislative committees and consortiums latch on to when attacking the credibility of our comity licensure system.

It can be easy to forget that the board's job is not to identify the gold standard for licensing but rather to uphold minimal competency in the practice of engineering and surveying. In most cases, comity applicants are more than minimally qualified licensed professionals; we should not deny a license because of restrictive laws, rules, and policies. Hanging on to this elevated level of scrutiny for comity applicants is one of the most common barriers to licensure.

Another barrier is the time frame in which some boards approve comity applications for licensure. NCEES has a recognized Model Law Engineer, Model Law Structural Engineer, and Model Law Surveyor status within the NCEES Records program. All jurisdictions should accept comity applicants who meet these standards. The *Model*

*Rules* says that these applicants should be licensed in an expedited manner. If your jurisdiction is not expediting these applications, contact NCEES. A member of staff or the Committee on Member Board Administrators would be happy to work with you regarding your processes or to review your statutes and rules to determine if something can be done to assist you with this process. All jurisdictions have challenges, such as small staff, outdated statutes and rules, and limited resources, but assistance is available if needed.

As legislatures convene, most boards are anticipating bills to eliminate or reduce occupational licensure or to require licensure portability, provisional licensing, expedited rule-making procedures for occupational licensure, or occupational relevance regarding criminal background checks. And let's not forget that both the Obama and Trump administrations have specifically called for reform in occupational licensing, recommending that licenses become more portable and comity licenses be expedited between jurisdictions.

A top priority for all boards in 2019 should be to seriously take a look in our own backyards and determine if our requirements for comity licensing are truly necessary to determine a person's minimal competence to practice engineering or surveying in our jurisdiction. We need to ask ourselves the following questions:

- Do we have the flexibility in our current statutes, rules, and policies to improve comity licensure in our jurisdiction?
- Can we modify our statutes, rules, or policies to give us the authority to improve comity licensure?

Earlier this year, President Purcell challenged boards to review their statutes, rules, and policies to determine if there is something that can be changed to better comply with the NCEES *Model Law* and *Model Rules*. Let's focus on our Achilles' heel and address the lack of portability for professional engineering and surveying licenses among jurisdictions.

*Hart is executive director of the Oklahoma board and chair of the 2018–19 NCEES Committee on Member Board Administrators.*

## FROM THE PRESIDENT



**JAMES PURCELL, P.E.**  
NCEES PRESIDENT

## NCEES and DiscoverE: Collaboration that's working

THE NCEES MISSION SUCCINCTLY DESCRIBES OUR CENTRAL aim: to advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public. It also outlines the ways in which we are to meet this mission. A key focus area in the mission is coordinating with domestic and international organizations to advance licensure of all engineers and surveyors.

One of the most effective ways we do this is through our leadership in DiscoverE. The DiscoverE organization helps unite, mobilize, and support the engineering and technology volunteer communities. Its mission is to sustain and grow a dynamic engineering profession through outreach, education, celebration, and volunteerism. Many of us are aware of one of its largest programs—Engineers Week—but DiscoverE has year-round initiatives to promote careers in engineering. Some of its other programs include Future City, Introduce a Girl to Engineering Day, and Global Day of the Engineer. The organization provides online resources, including lesson plans, activities, videos, and games to help educators and volunteers bring engineering to life. The DiscoverE website also includes training resources on how to be an effective volunteer and how to bring engineering into the classroom.

While engineering is the primary focus for DiscoverE, NCEES also uses its support to promote careers in surveying. This includes sponsoring the Best Land Surveying Practices special award for the Future City Competition regionals and finals and sponsoring a hands-on surveying activity at DiscoverE Family Day. Participating in these programs alone gives NCEES the opportunity to introduce surveying to almost 50,000 students, educators, and parents each year.

NCEES is co-chair of DiscoverE Engineers Week 2019. This is our second consecutive year in this role. Co-chairing EWeek has allowed us to help plan programming aimed at inspiring a diverse and well-educated future engineering workforce. NCEES also is a member of DiscoverE's Leadership Council



*Students at the Girls Day Out event at Charlotte's Discovery Place Science Center build earthquake-resistant structures, one of six hands-on activities at this NCEES-sponsored Girl Day event in 2018.*

and Steering Committee, and NCEES Past President Dale Jans, P.E., is chairing the Steering Committee this year. Additionally, NCEES Past President and Nevada State Board of Professional Engineers and Land Surveyors Executive Director Patty Mamola, P.E., is chairing DiscoverE's Global Marathon, a program that focuses on career advice and support for women in engineering and technology.

I recently had the privilege of attending a meeting of the DiscoverE Steering Committee and Diversity Council, a dynamic group of dedicated professionals representing the STEM (science, technology, engineering, and math) community across the country. These representatives and their organizations recognize the importance of introducing all children to careers in engineering and surveying. The DiscoverE programming is allowing us to do just that.

NCEES collaboration with DiscoverE is critical to our mission. But we can also help further this mission by working at the individual level. Many of our member boards participate in DiscoverE activities throughout the year and especially during Engineers Week in February. I encourage our members to get

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# NTSB report on gas explosion emphasizes role of engineering licensure in public protection

## A joint statement from the NCEES president and CEO

THE RELEASE OF THE NATIONAL TRANSPORTATION Safety Board's report *Natural Gas Distribution System Project Development and Review* highlights the important protections that licensed professional engineers provide the U.S. public. In this report, NTSB issued several recommendations concerning professional engineering licensure requirements. With its focus on competency and ethics, licensure is an essential safeguard for the public, and the National Council of Examiners for Engineering and Surveying supports the NTSB recommendations as necessary steps for public protection.

The safety recommendation report was issued on November 14, 2018, in response to a series of explosions and fires on September 13, 2018, in Merrimack Valley, Massachusetts. These explosions and fires followed the release of high-pressure natural gas into a low-pressure gas distribution system. They resulted in damage to 131 structures, including the destruction of at least five homes. One individual was killed, and at least 28 others were injured.

Among other findings, the NTSB report concludes that the gas company would probably have identified the omission of regulator-sensing lines—thereby preventing the error that led to this accident—if the company had performed a comprehensive constructability review that required all departments to review the project plans and had a P.E. approve, or seal, the plans. In sealing such plans, a professional engineer takes responsibility for their accuracy and completeness. The report notes that the company field engineer was not a licensed P.E. and that neither state law nor company policy required a licensed P.E. to develop or review engineering plans for public utilities.

In relation to professional engineering licensure, the NTSB report specifically recommends that Massachusetts eliminate the P.E. license exemption for public utility work and require a P.E. seal on engineering drawings for public utility projects. It further recommends that the gas company revise its engineering plan review process to ensure that a P.E. seals plans before work begins. The NTSB recommendations concerning P.E. licensure requirements are changes that would

protect the public, and NCEES hopes that all the proper steps are taken to ensure that these recommendations are addressed. Massachusetts is not alone in allowing license exemptions for certain groups of engineers. Each U.S. state and territory sets its own licensing laws, and the majority have some type of exemption, including those for engineers working in industrial, manufacturing, public utility, and transportation settings. Some federal agencies also have P.E. license exemptions for federal engineering projects. NCEES encourages other U.S. states, as well as federal agencies, to review this report and consider its recommendations for their own jurisdictions to avoid similar tragedies.

Professional licensing has one purpose: public protection. P.E.s must meet education and experience requirements and pass the required exams to establish that they can practice engineering without endangering the public. To maintain a license, a P.E. must adhere to a strict code of conduct, with the primary charge being to practice the profession in a manner that protects the health, safety, and welfare of the public. A professional engineer who violates this obligation—either through incompetence or unethical actions—is subject to losing his or her license.

While we cannot go back and prevent what has already happened, we can work to ensure that proper steps are taken to prevent similar accidents. Public utilities is one of the many areas in which professional engineers can be called on to ensure that business activities adequately protect public welfare. As an organization committed to advancing licensure for engineers and surveyors, NCEES and its member licensing boards from all U.S. states and territories continue to focus on the fundamental goal of safeguarding the public. NCEES commends NTSB for taking this position to protect the U.S. public from incompetent or unethical practices.

*James J. Purcell, P.E.*  
NCEES President

*B. David Cox*  
NCEES Chief Executive Officer



**DAVID COX**  
NCEES CHIEF EXECUTIVE OFFICER

## Engineers Week and Surveyors Week need your knowledge and enthusiasm

TWO IMPORTANT OPPORTUNITIES TO PROMOTE THE professions—Engineers Week and Surveyors Week—are approaching. These celebrations are platforms to bring engineering and surveying to life for many, including the next generation of professional engineers and surveyors. But platforms need people—people like you—to engage and inspire.

DiscoverE Engineers Week will be held February 17–23, and National Surveyors Week will follow on March 17–23. NCEES, member boards, and professional engineering and surveying societies will celebrate the professions through outreach events for K–12 students and parents. The success of these events depends on volunteers.

Don't underestimate the impact you can have. Several years ago, I spoke to a class of about 30 chemical engineering students about our exams and the importance of licensure. Typically, chemical engineering majors are not as interested in our exams or licensure as other disciplines may be. After my visit, I found out that the entire class of 30 took the FE exam and passed. The professor asked me back each year afterward. Outreach is important, and there are many opportunities for you to get involved.

### Engineers invent amazing

DiscoverE Engineers Week is a time to celebrate engineers making a difference in the world, to increase public awareness about the need for engineers, and to bring engineering to life for children, educators, and parents.

NCEES is the co-chair of DiscoverE for the second year in a row, so we have been working closely to plan programming for 2019. The following are some of the activities that we will be participating in:

- NCEES is sponsoring the Best Land Surveying Practices special award at the regional and national Future City competitions. NCEES organized volunteer judges for these awards at regional competitions in January and at the national finals, which will be held February 17–19 in Washington, D.C.
- Introduce a Girl to Engineering Day will be held February 21. This is a movement to inspire and support girls' interest in engineering. NCEES will celebrate Girl Day by promoting female P.E.s through our social media platforms.
- Discover Engineering Family Day will be held February 16 at the National Building Museum in Washington, D.C. In addition to sponsoring our Flinker engineering activity, we will be introducing a new activity—the Augmented Reality (AR) Sandbox. The AR Sandbox is an engaging hands-on activity that demonstrates applications of land surveying. Users create 3D landscapes by shaping real sand, and the colored topographic map projected onto the sandbox updates in real time to reflect the changes. With the swipe of a hand, users can build mountains and valleys and even send a virtual rainstorm to see the water flow over the landscape. It's accessible and addictive for all ages, so we are excited to have a new activity to introduce surveying to children and their parents.

The 2018 EWeek theme is Engineers: Invent Amazing. Engineers invent and amaze us through practical invention and innovation. We need to share this with the next generation and inspire future engineers. DiscoverE.org has information on outreach opportunities and hands-on activities and resources that you can download. These resources make it easy to get involved and promote the profession.

*continued on next page*

## HEADQUARTERS UPDATE

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### Surveyors in the spotlight

The National Society of Professional Surveyors (NSPS) sponsors National Surveyors Week to recognize and promote the surveying profession through education, media, and public service. Resources and outreach opportunities are available through NSPS.

The NSPS National Surveyors Week Volunteer Kit can help you organize and promote surveying activities. The kit focuses on Surveyors Week, but it also includes information on year-round outreach opportunities, including helping Boy Scouts earn the surveying merit badge and volunteering with TrigStar, an annual competition for high school trigonometry students. A Surveyors Week flyer is available to promote the celebration and highlight ways to get involved. These resources are available from the NSPS website, [nsp.us.com](http://nsp.us.com).

NCEES will offer the surveying outreach activity X Marks the Spot on our outreach fulfillment site for the month of March. Member boards can request the activity materials in the Member Resources section of [ncees.org](http://ncees.org) (see Board Resources, Outreach). Additionally, questions or requests can be emailed to [outreach@ncees.org](mailto:outreach@ncees.org).

I encourage you to use the NCEES and NSPS resources to get the next generation excited about the surveying profession.



*NCEES volunteers judge the Best Land Surveying Practices special award at the 2018 Future City Competition finals. NCEES also offers the award at regional competitions across the country.*

As leaders in our professions, it is our responsibility to spark the passion and excitement for engineering and surveying in our youth. We do this by showing them that engineers and surveyors are innovators, creators, and protectors. Take advantage of these outreach opportunities and show your community how we are making peoples' lives better.

## FROM THE PRESIDENT

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involved in the programs coordinated through DiscoverE. There are many opportunities to promote engineering as well as surveying (see Headquarters Update on page 5 for more information on these programs).

I look forward to hearing how you helped foster an understanding of our professions in the next generation. For more information about the programs and activities of DiscoverE, visit its website at [discovere.org](http://discovere.org).

# NCEES seeks nuclear engineers' professional expertise and advice

NCEES IS CURRENTLY SEEKING LICENSED NUCLEAR engineers to participate in a professional activities and knowledge study, or PAKS, for the PE Nuclear exam.

The results of this online survey will be used to update specifications for the exam, which is used throughout the United States for licensing purposes.

NCEES requires a cross section of licensed professional engineers practicing nuclear engineering—including those working in industry, consulting, the public sector, and academia—to complete an online survey about the tasks and knowledge required of a licensed nuclear engineer with four to six years of experience to practice in a manner that safeguards the health, safety, and welfare of the public. The survey can be completed in approximately 40 minutes.

“These studies help NCEES ensure its licensing exams remain relevant to current professional practice,” explained Director of Exam Services Tim Miller, P.E. “The value of this PAKS depends on the number of people who participate, so NCEES is eager to get a large response from professional engineers across all areas of nuclear engineering.”

The online survey will be open at [bit.ly/PENuclear](https://bit.ly/PENuclear) until April 10, 2019.

# NCEES funding available for first-time attendees to annual meeting

THE NCEES ANNUAL MEETING IS THE CONCLUSION of the Council's work for the year and the start of next year's efforts, and NCEES is eager for its newest members to take part.

The organization provides funding for member board members and administrators to attend their first NCEES annual meeting. The funding covers the meeting registration, lodging, and travel expenses for new members and MBAs

attending the annual meeting for the first time (within 24 months of initial appointment or hire date). NCEES will fund three additional delegates and the MBA from each board as well. New for 2019, the funding for MBAs was approved by the Council at the 2018 annual meeting.

The 98th NCEES annual meeting will be held August 14–17, 2019, in Washington, D.C. Full details on the meeting will be available in May.

## ENFORCEMENT BEAT



**RICK HUETT**

ALABAMA STATE BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS AND SURVEYORS  
EXECUTIVE DIRECTOR

# Let the Rules of Professional Conduct be your guide in ethical decisions

WHEN WE LOOK AT THE RULES OF PROFESSIONAL Conduct in the NCEES *Model Rules* and in our own state's administrative regulations, it can be easy to overlook what these violations look like in practice. You read the long list of things that professional engineers and surveyors are not supposed to do and think, "Well, who would do that?" But we know through working with our boards that some professionals do break these rules. What may start as one person's ethical misjudgment can quickly escalate to encompass more people and move past breaking ethical codes to breaking laws as well.

About 12 years ago, I worked on investigations of some professional engineers involved in sewer and wastewater treatment project for a county in Alabama. I offer it as a cautionary tale to highlight the importance of the Rules of Professional Conduct as well as to highlight the important work that engineering and surveying licensing boards do to safeguard the public.

First, a little background: In 1993, a Clean Water Act lawsuit alleged that untreated waste was illegally entering the area's rivers and streams. As a result, the county entered into an agreement that required it to repair and rehabilitate its sewers and wastewater treatment plants.

As part of the agreement process, the county was required to hire engineering firms through no-bid contracts. The county's environmental services department supervised the process of rehabilitating the sewer and treatment plants. The county commissioner oversaw the operation of the environmental services department, which included a director, an assistant director, a chief civil engineer, and a product review committee chair, all of whom were professional engineers.

Maintaining the integrity of the engineering and surveying professions is critical to our mission to safeguard the health, safety, and welfare of the public.

In 2005, a federal grand jury returned a 127-count indictment related to wide-reaching efforts to defraud the county in the awarding of no-bid contracts. In all, around 20 individuals and firms, including professional engineers and contractors, were charged. The charges were eventually split into five trials.

One of these trials involved the primary design firm selected by the county commissioner. This firm was awarded more than \$50 million in contracts during the project.

Among other charges, the indictment accused the primary design firm, its president, and its vice president of conspiring to commit bribery by paying the county commissioner approximately \$140,000 for work not actually performed, bribing him by giving him checks for that bogus work, conspiring to commit bribery by giving him approximately \$335,000 in cash drawn from the design firm's funds, and bribing the assistant director with a \$2,000 department store gift card and an envelope containing \$1,500 in cash. The indictment also charged the design firm and its vice president with bribing the department's product review committee chair with an envelope containing \$500 in cash.

Additional charges involving the department's professional engineers, which included other contractors, related to bribes such as monetary payments, landscaping services, home

renovations, a scholarship, and vacations. These are just a sample of the charges in the indictment.

One of the P.E.s told jurors that he initially started receiving small gifts such as lunches, golf outings, and football tickets. As time went on, the gifts increased, and he started receiving cash as Christmas gifts as well as vacations.

While some of the professional engineers plead guilty and cooperated with the U. S. Attorney's office, others did not. Eventually, however, all were found guilty of wrongdoing with the sewer and wastewater projects.

The P.E. employees' trials and plea agreements, including those of the director, assistant director, chief civil engineer, and product review committee chair, resulted in a range of prison sentences, probations, and fines. One received a sentence of eight-and-a-half years in prison and a \$250,000 fine. Others received shorter prison sentences and/or fines, house arrest, or probation.

The board initially learned of the criminal charges simply by reviewing a license renewal application in which a professional engineer checked the "Yes" box in response to the question, "Have you been convicted of a felony or misdemeanor (other than a minor traffic violation) or entered a nolo contendere plea or entered a plea under the First Offender Act since your last renewal?"

The statute in Alabama relating to felony criminal convictions is very similar to NCEES *Model Law* 150.10, which states

- A. The board shall have the power to suspend, revoke, place on probation, fine, recover costs, and/or reprimand, or to refuse to issue, restore, or renew a license or intern certification to any licensee or intern that is found guilty of:
  3. Conviction of or entry of a plea of guilty or nolo contendere to any crime that is a felony, whether or not related to the practice of engineering or surveying; and conviction of or entry of a plea of guilty or nolo contendere to any crime, whether a felony, misdemeanor, or otherwise, an essential element of which is dishonesty or which is directly related to the practice of engineering or surveying

As a result of the investigations into the felony criminal convictions, eight P.E.s and one firm lost their licenses to practice engineering in the state of Alabama.

So, what happened in this county? Why did so many individuals look the other way and allow these activities to continue? Can it happen again? Is it harder to take an ethical stand when you see others accepting gifts and seem to have the attitude that it's OK because everyone does it? All good questions.

I encourage all member board members and staff, as well as all professional engineers and surveyors, to look at the Rules of Professional Conduct in *Model Rules* 240.15 or your own state's rules to refresh your knowledge of professional engineers' and surveyors' obligations to the public, employers, clients, and other licensed professionals. Yes, we have laws to enforce, but we also have ethical standards to uphold. Maintaining the integrity of the engineering and surveying professions is critical to our mission to safeguard the health, safety, and welfare of the public.

*Huett is executive director of the Alabama board and a member of the 2018–19 NCEES Committee on Law Enforcement.*

# Zones prepare for 2019 interim meetings

AS SPRING NEARS, NCEES IS MAKING FINAL preparations for its upcoming zone interim meetings. Zone meetings will open with the Central and Northeast zones, which will host a joint meeting May 2–4 in Portsmouth, New Hampshire, followed by a joint meeting of the Southern and Western zones in Boise, Idaho, May 16–18.

The NCEES member licensing boards are divided into four geographic zones. Each zone meets twice a year—at the NCEES annual meeting in August and at an interim meeting in the spring. These spring meetings are a significant point on the NCEES calendar.

“Zone meetings are an important opportunity to give feedback to NCEES leadership and our committees before they finalize their recommendations and motions for Council action.” said NCEES President James Purcell, P.E. “We encourage board members and staff to attend because NCEES as an organization benefits from diverse viewpoints and, likewise, so do the individual boards as they learn from each other.”

## **Zone, national issues on agenda**

Representatives of the 2018–19 NCEES committees and task forces will give preliminary reports on their work, and zone members will have an opportunity to provide feedback ahead of the annual meeting this August. The NCEES president, president-elect, treasurer, and CEO will report on recent activities. Zones will hold forums for engineers, surveyors, and board administrators to discuss topical professional issues, and the Southern and Western zones will hold an additional forum for law enforcement. Member boards will have the opportunity to update their zone on their activities.

Also on the agenda is zone business, including selecting officers. The Northeast and Southern zones will elect vice presidents and assistant vice presidents, while the Central and Western zones will elect zone secretary-treasurers. Additionally, the Southern Zone will choose its nominee for 2019–20 president-elect.

The host licensing boards have also set aside time for networking and sharing ideas outside the business sessions and forums.



*The Central and Northeast zones will host the first 2019 zone interim meeting May 2–4 in Portsmouth, New Hampshire. The Southern and Western Zone joint meeting will be held May 16–18 in Boise, Idaho.*

## **Meeting registration**

Online registration for the Central and Northeast Zone joint interim meeting is now open, and registration for the Southern and Western Zone joint meeting will open in early February. A link to online registration, as well as more details on the meetings, is in the Member Resources section of [ncees.org](http://ncees.org) (see Zones under Board Resources).

## **Committee and task force reports**

Representatives of NCEES committees and task forces will present their preliminary reports at the 2019 zone interim meetings. Delegates will have the opportunity to ask questions and give feedback before the committees and task forces finalize their reports. These reports will include motions that the Council will vote on at the 2019 annual meeting in August.

# UPCOMING EVENTS

## February 7–9

SE Exam Meeting  
Clemson, South Carolina

## February 8–9

Board Presidents' Assembly  
Atlanta, Georgia

## February 10–11

Education Committee Meeting  
Atlanta, Georgia

## February 11–12

PE Agricultural and Biological  
Engineering Exam Meeting  
Clemson, South Carolina

## February 22–23

Board of Directors Meeting  
Key West, Florida

PE Chemical Exam Standard-  
Setting Meeting and  
PE Industrial and Systems  
Exam Meeting  
Clemson, South Carolina

## February 28–March 2

PE Nuclear Exam Meeting  
Clemson, South Carolina

## March 1–2

EPP Committee Meeting  
Charleston, South Carolina

PE Control Systems Exam Meeting  
Clemson, South Carolina

Surveying Exam Module Task  
Force Meeting  
Savannah, Georgia

## March 8

Finance Committee Meeting  
San Antonio, Texas

## March 8–9

PE Environmental Exam Meeting  
Clemson, South Carolina

## March 8–10

Metallurgical and Materials  
Exam Meeting  
San Antonio, Texas

## March 9

POLC Meeting  
Salt Lake City, Utah

## March 14–16

PE Chemical Exam Meeting  
Clemson, South Carolina

## March 15–16

PE Mining and Mineral  
Processing Exam Meeting  
Clemson, South Carolina

## March 22–23

PE Mechanical Exam Meeting  
Clemson, South Carolina

## March 28–29

PE Naval Architecture and  
Marine Exam Meeting  
Clemson, South Carolina

## MEMBER BOARD NEWS

**MAINE PE** Judith Pearse is a new appointee. Knud Hermansen is no longer a member.

**MARYLAND PE & PS** Joseph Cullingford is now the acting executive director. He replaces Steven Long, who has retired.

**PUERTO RICO** Board staff member Carlos Ortiz Estrada recently passed away.

James Purcell, P.E.  
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New Jersey

Dean Ringle, P.E., P.S.  
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Ohio

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*Southern Zone Vice President*  
Louisiana

Brian Robertson, P.E.  
*Western Zone Vice President*  
Colorado

David Cox  
*Chief Executive Officer*  
South Carolina

Licensure

## EXCHANGE

*A publication of the National Council of  
Examiners for Engineering and Surveying*

Comments or questions can be directed to  
[editor@ncees.org](mailto:editor@ncees.org).

**David Cox, CEO and Publisher**

**Keri Anderson, Manager of  
Corporate Communications**

**Jennifer Williams, Senior Editor**

**Katy Goforth, Senior  
Communications Specialist**

**Brittany Wilson, Graphic Designer**

ISSN NO. 1093-541X

VOLUME 23, ISSUE 1

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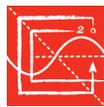
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### POSTAL NOTICE

*Licensure Exchange* is published bimonthly by NCEES, 280 Seneca Creek Road, Seneca, SC 29678-9214.

Periodicals postage paid at Clemson, SC 29633

Postmaster: Send address changes to  
*Licensure Exchange*, P.O. Box 1686,  
Clemson, SC 29633-1686



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P.O. Box 1686  
(280 Seneca Creek Rd)  
Clemson, SC 29633 USA  
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*NCEES will gather in Washington, D.C., in August for the organization's 98th annual meeting. Photo courtesy of washington.org.*

## Save the date for 2019 NCEES annual meeting

Registration will open in the spring for member board members, emeritus members, and staff attending the 2019 NCEES annual meeting. This year's meeting will be held August 14–17 at the Omni Shoreham Hotel in Washington, D.C.

The NCEES annual meeting is the culmination of the Council's work for the year. Delegates will meet to decide key licensure issues and take time to explore the U.S. capital. The agenda offers opportunities to

- Vote on the issues at the business sessions, including the election of a new president-elect as well as motions presented by the 2018–19 NCEES committees and task forces
- Take part in the technical workshops for professional engineers and surveyors, member board administrators, and law enforcement staff
- Discuss professional issues at the forums for engineers, surveyors, MBAs, and enforcement staff
- Learn about NCEES and how to navigate the annual meeting at the first-time attendee luncheon
- Network and share ideas with delegates and guests at social events

Invitations to register online will be sent in May.