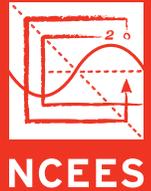


# Licensure EXCHANGE

FEBRUARY 2014  
Volume 18, Issue 1



PATRICK TAMI, P.L.S.  
CALIFORNIA BOARD  
FOR PROFESSIONAL  
ENGINEERS, LAND  
SURVEYORS, AND  
GEOLOGISTS



## COMMITTEE FOCUS

### NCEES NEEDS YOU TO MAKE THE DIFFERENCE

BY NOW, ALL MEMBERS, EMERITUS MEMBERS, AND associate members should have received a survey asking if you would like to serve on an NCEES committee or task force for 2014–15. Volunteering with NCEES has been great for me in so many ways. I want to share my story about working with the Council and encourage you to get involved.

#### My journey with NCEES

After about a year on the California board, I wanted to learn more about NCEES—its mission and how it actually works. My board administrator advised me to volunteer for a committee or task force, and I thought serving would be a great way to find out about NCEES.

I don't remember how I settled on volunteering for the Committee on Uniform Procedures and Legislative Guidelines (UPLG), but it turned out to be a very good choice. It's a tough committee, but a good one. Diving into the *Model Law* and *Model Rules* can be daunting for a new

Task forces are short-lived but address issues that are very important to the president. Helping the presidents accomplish the goals for their tenure is really exciting.

committee member, but you really get into these documents and get to work with people who really know them.

From my first committee appointment in 2007–08, I was hooked. I decided to run for Western Zone vice president the next year. During my 2008–10 tenure, I served as board liaison to the Committee on Examinations for Professional Surveyors (EPS) and task forces for faculty licensure and computer-based testing (CBT).

Working with the EPS Committee gave me insight into the exam process. In fact, I started volunteering with the surveying exam development committee in 2009 and continue to enjoy working with this group.

Serving on a task force was a new experience for me. Task forces are short-lived but address issues that are very important to the president. Helping the presidents accomplish the goals for their tenure is really exciting.

The CBT Task Force was the first of the recent task forces to work on the issue of computer-based testing, and it's exciting and gratifying to see the work of this group, along with that of many other individuals, result in the first computer-based FE and FS exams this year.

## COMMITTEE FOCUS

continued from cover

The Faculty Licensure Task Force focused on recommending changes to the *Model Law* and *Model Rules* to encourage more faculty to get licensed. The documents were familiar territory to me; it was gratifying to use the knowledge I'd gained on other committees. Also, it taught me about the education side of licensure, an area I wasn't as familiar with. Through this task force, I connected with some very intelligent people to do truly valuable work.

From 2010 to 2012, I served as chair of the UPLG Committee, once again focusing on the *Model Law* and *Model Rules*. New licensing board members may wonder what makes these documents so important for boards. First, they're a great place to look for ideas on how to improve your own state laws. The NCEES member boards work together to develop and maintain the *Model Law* and *Model Rules*. Because the boards work together on these documents, state boards get the benefit of other individuals' ideas and experiences. Secondly, the more common our laws and rules are, the easier it is for licensees to comply with them. Commonality makes us more effective.

Most recently, I've been serving on the Mobility Task Force and the Advisory Committee on Council Activities. Working with these groups gives me the opportunity to learn new things and work with new people. I can look at the organization and licensure from different angles. What isn't different is the dedication of these groups. Each is committed to accomplishing positive things for NCEES and engineering and surveying licensure.

### Finding your niche

So how do you find the right committee or task force for you? Identify your strengths to see where you might fit best. Alternately, look at areas you'd like to learn more about. Talk to your board administrator. Read the descriptions included with the committee preference survey to find out what the different groups do. There really is something for everyone.

### What's in it for me?

We're all busy professionals, so what do we gain from serving the Council outside of the knowledge that we're helping advance the professions of engineering and surveying? The more I volunteer with NCEES, the better I can serve my board. I take what I learned back to my state.

My work with NCEES continues to benefit me as a professional surveyor. I now know leaders in different businesses and colleges that I can call on when I need information. I've broadened my knowledge base enormously through the people I've collaborated with and the work we've done. Also, I've had the opportunity to work in other states through people I've met with NCEES who needed my expertise.

On a personal level, I've met amazing people and traveled to amazing places through my service to NCEES. I've been to about 40 states during my tenure with NCEES, and I've developed great relationships along the way. I've been to many places I wouldn't have otherwise visited, and there's always been something new and different to appreciate—the

people, the food, the landscape. I've learned some new Southern expressions. Now when someone says, "Well, bless your heart," I know what they actually mean.

You may worry about the time it will take to serve on a committee or task force. It really isn't much—one or two weekends a year plus prep time. It's not that much effort, especially compared with what you gain.

Many individuals are committed to serving NCEES and their boards, but we need varied voices. If you have the same people looking at an issue, you're unlikely to get a new solution. We need new perspectives. For example, we've been working on license mobility since this organization was founded in 1920. With new people and new insight, maybe we'll find solutions that work for the boards.

### Getting support

If you've never volunteered with NCEES, being the new person may seem daunting. NCEES staff can assist you and answer any questions. In my seven years with NCEES, to a person, everyone at headquarters has been very helpful. They make the committees' jobs so much easier. You're not on your own; the staff is there to help.

I urge you to speak with your board administrator, fellow board members, or the NCEES leadership for your zone about serving on a committee or task force. It's a unique experience that benefits you, your board, and NCEES.

## FROM THE PRESIDENT



PATTY MAMOLA, P.E.  
NCEES PRESIDENT

# Let's focus on how we make a difference

DURING MY TRAVELS OVER THE LAST few years, I frequently have been reminded of the impact that engineers and surveyors have on the world we live in.

At a National Academy of Engineering meeting in early 2013, leaders in our professions presented information on cutting-edge technologies such as 3D printing that are set to revolutionize the manufacturing industry.

In 2013, the American Society of Civil Engineers recognized Grand Central Terminal in New York City as an ASCE Historic Civil Engineering Landmark. Often celebrated for aesthetic reasons, the commuter rail terminal station was recognized for its innovative engineering features, most of which go unseen by the public. The terminal incorporated designs to reduce crowds and handle baggage more efficiently. The terminal also pioneered the concept of selling "air rights" for buildings over the train yards to offset the project's enormous costs.

Surveyors have similarly been responsible for innovations such as using LIDAR to relocate retired space shuttle *Endeavour*, without disassembly, from its remote landing strip to an urban museum where it is on permanent display for the public to enjoy.

Everywhere we look, there's evidence of the amazing, wonderful creations that engineers and surveyors are responsible for. If someone asks you what you do for a living, it's unlikely that you'll respond, "I'm revolutionizing the manufacturing industry," or "Your data that's just out there on the cloud instead of a server, that's because of me."

Engineers and surveyors struggle with how to simply and concisely tell the public what it is we do. We focus on the details and the accuracy of describing the profession and not on the big picture. We are humble and often minimize our contributions. We miss the opportunity to wow because we don't talk about how we make the world around us better.

Each of us can make a difference in changing the public's perception of our professions simply by doing a better job of describing what we do. Let me throw a few out there: I'm a surveyor, I measure the world around us. I measure and map the earth (or the air above us, or the ocean). And for engineers, I take an idea and figure out how to make it a reality. I create products that make people's lives better. I can print a human ear, using a printer like the one in your home! Why not start the conversation with a statement that elicits interest and excitement about what you do?

Each of us is an advocate for our profession. Let's take advantage of the many opportunities we have for sharing the amazing wonderful creations that we are responsible for.

If someone asks you what you do for a living, it's unlikely that you'll respond, "I'm revolutionizing the manufacturing industry," or "Your data that's just out there on the cloud instead of a server, that's because of me."

## MEMBER BOARD BRIEF



LANCE KINNEY, P.E.  
TEXAS BOARD OF PROFESSIONAL  
ENGINEERS EXECUTIVE DIRECTOR

# What's your strategy for international licensure?

THIS WAS A QUESTION ASKED DURING a recent meeting with the Japan PE/FE Examiners Council (JPEC), NCEES, and representatives from the Kentucky, North Carolina, and Texas licensing boards (see “Headquarters Update,” page 6). While I cannot speak for the other attendees, I had never really thought about my board’s strategy in such a direct manner.

The Texas Board of Professional Engineers has been involved in various international licensure initiatives and agreements over the last 15 years, including a mutual recognition agreement (MRA) with Engineers Canada and Mexico through NAFTA, an MRA with Engineers Australia through AUSFTA, and the recent memorandum of understanding (MOU) with JPEC. We also are currently in discussions with the Korean Professional Engineers Association (KPEA) on an MOU and possible MRA. Several other states have been involved in various international agreements, both formal and informal, and NCEES is offering the FE and PE exams at locations all over the globe. But why?

The Texas engineering board considered international licensure and engaged in such efforts for many reasons. On the most basic level, engineering is a global profession. Protection of public health and safety is paramount on all projects no matter where they are located, and there are engineers

Given the global nature of engineering practice, it is important that we are active participants in the process.

practicing all over the world. More and more projects have teams of engineers who work across borders, both physically and electronically, to provide safe and efficient designs and analysis. Engineers from the United States are working in other countries, and engineers from other countries are working on projects and for companies in the United States. There are international organizations and agreements focused on engineering, engineering technical associations have a worldwide reach, and engineering education crosses borders. Given the global nature of engineering practice, it is important that we are active participants in the process.

Sure, there are engineers all over the world, but how does that impact your state? The protection of the health, safety, and welfare of the public is a foundational tenet of

engineering licensure in the United States, and as engineers are engaged in projects in your state, it is important that they become licensed and follow the established standards, no matter where they come from. There are many qualified engineers from around the world and many different licensure and educational systems. If a fully competent engineer from another country attempts to get licensed in your state but cannot because of some systemic or administrative hurdle, you are missing out on including him or her in the licensure and regulatory system. By engaging with other countries and international licensing organizations, we can help remove those hurdles and improve mobility.

And this mobility is not just for engineers coming into the United States—it is a two-way street that allows engineers from your state to become licensed and work



*Representatives from NCEES and the engineering boards of Texas, North Carolina, and Kentucky formalized their organization's agreements with JPEC at the December 18 signing ceremony in Tokyo, Japan. (l-r) Lance Kinney, P.E., of the Texas engineering board; Andrew Ritter of the North Carolina board; David Cox of the Kentucky board; JPEC President Masami Yoshimoto, P.E.; NCEES President Patty Mamola, P.E.; and NCEES CEO Jerry Carter.*

in other countries, thus providing business opportunities for your local engineers and engineering companies. For example, the agreement between Texas and Engineers Australia has allowed many more Texas P.E.s to become chartered professional engineers in Australia than we have had apply for licensure in Texas.

There are also different types of agreements you might consider. For example, the MRAs that Texas has entered into provide for a temporary licensure model, provide a substantially equivalent (but not identical) licensure process, and allow mobility for engineers from both countries. In contrast, the recent MOU signed with JPEC simply recognizes that engineers from Japan who meet all of the standard requirements for licensure (including the NCEES FE and PE exams) can become licensed in Texas. There are many other options in between that might meet your statutory and regulatory requirements.

It is also important to note that not all engineers from other countries want to become licensed in the United States in order to practice here. As mentioned in CEO Carter's article, the U.S. system of licensure is highly regarded, and becoming a licensed P.E. is both an honor and recognized as a qualification for advancement. NCEES exams are used around the world to determine competency. Engaging in international agreements facilitates this and can only benefit the U.S. system of licensure.

These are just a few of the issues that the Texas engineering board and others have considered in determining how and why to become involved in international licensure agreements. Each jurisdiction will have different laws and regulations permitting or restricting the extent of your involvement. However, as engineering continues to grow around the world, it is important that we all consider how we can be more involved. So, what's YOUR strategy for international licensure?

## Proposed *Bylaws* changes available for review

At the 2014 NCEES annual meeting in August, delegates will consider amendments to the organization's *Bylaws*, which outlines the structure of NCEES. In preparation for the meeting, NCEES has posted the changes proposed by the Special Committee on Bylaws in the MyNCEES section of its website for member licensing boards to review (see Publications under Board Resources).

## HEADQUARTERS UPDATE



JERRY CARTER  
CHIEF EXECUTIVE OFFICER

### Signing ceremony promotes mobility

A SIGNING CEREMONY WAS HELD IN Tokyo, Japan, on December 18 to formalize memorandums of understanding (MOUs) between the Japan PE/FE Examiners Council (JPEC) and the Texas engineering, North Carolina, and Kentucky boards. At the ceremony, NCEES and JPEC also inked a new agreement that allows NCEES exams to continue to be offered to JPEC candidates, with the Fundamentals of Engineering exams to be offered at Pearson VUE test centers in Tokyo and Osaka, Japan.



*The December 18 signing ceremony in Tokyo, Japan, included representatives from North Carolina, Kentucky, Texas, NCEES, and JPEC. The state representatives included the executive director of each engineering licensing board and its trade representative to Japan.*

NCEES exams have been offered in Japan since 1992, initially through a MOU between the parent organization of JPEC and the Oregon board. In 2005, at the request of the Oregon board and by an affirmative vote of the Council, NCEES entered into an agreement with JPEC to provide for the continued administration of NCEES exams in Japan.

#### Value of P.E. license in Japan

Since the initiation of the partnership in 2005, the leadership of JPEC and NCEES have held numerous discussions about how best to facilitate licensure as a professional engineer for JPEC candidates who have never lived in the United States or worked for U.S.-based companies.

For a large majority of JPEC candidates, the desire to obtain a P.E. license is not

based on a desire to move to the United States and work as an engineer here, but more so on their employment with large international firms. In a number of countries, the U.S. system of licensure for engineering is considered the de facto model, and attaining a license as a P.E. is both a mark of distinction and a qualifier for advancement in many firms. A number of Japanese automobile and technology firms have located manufacturing facilities in the United States in recent years, which has benefited the economies of both countries. Additionally, many U.S. firms and their engineers are now providing consulting services on a regular basis to Japanese entities.

To emphasize the importance of the MOUs and the growing exchange of services between countries, the Japanese

trade representatives for North Carolina, Kentucky, and Texas attended the signing ceremony.

#### Meeting the standard

From the initiation of the agreement with NCEES, the members of JPEC recognized that the agreement has centered on facilitating the examination process and that NCEES, as an organization, is not authorized to grant a P.E. license. Likewise, JPEC candidates are aware that licensure can be granted only by an NCEES member board and that, in addition to successfully completing the exams, they must also meet education and experience requirements.

A number of NCEES member boards have regulatory requirements concerning initial licensure as a P.E. such as requiring the candidate to be a resident of that

jurisdiction, which has been a prominent obstacle to JPEC candidates.

### Supporting international mobility

At the 2013 NCEES annual meeting, the leadership of JPEC and the Texas engineering, North Carolina, and Kentucky boards met to formulate agreements whereby these member boards would willingly receive applications from JPEC candidates who had successfully completed the NCEES licensure exams.

A common link among these three NCEES member boards is that none require residency as a condition for initial licensure and all three have procedures in place to evaluate experience gained outside the United States. Each of these member boards does require any applicant who moves to its jurisdiction and applies for licensure as a P.E. to comply with all applicable state and federal requirements. Therefore, these boards will apply the same rigor in evaluating the qualification of JPEC candidates as they do in evaluating domestic

candidates to ensure these individuals are qualified and will practice their craft in a manner that protects the public.

Enhanced mobility of the P.E. license is one of the key elements of the current NCEES strategic plan and a focus of NCEES President Patty Mamola, P.E., who represented NCEES at the signing ceremony. During her installation at the 2013 annual meeting, President Mamola said, “We need to champion improved mobility for engineers and surveyors here in the United States and be a part of the conversation to define our role in global mobility. Making it easier to practice our professions across borders will promote the exchange of ideas and accelerate engineering and surveying advances.”

As regulators, NCEES member boards must find new ways to eliminate impediments to mobility of the professional license between states as well as countries. We must remain diligent in ensuring that only competent individuals are licensed to offer professional

services, but we must be enlightened in our thinking to allow us to continue to provide for the health, safety, and welfare of the public. I feel that the action taken by the Texas engineering, North Carolina, and Kentucky boards is a step in the right direction.

As regulators, NCEES member boards must find new ways to eliminate impediments to mobility of the professional license between states as well as countries.

## MBAs hold biennial meeting in Scottsdale

NCEES member board administrators will meet on February 5 in Scottsdale, Arizona. NCEES staff will be on hand to give updates on current initiatives at headquarters, including computer-based testing and the NCEES verification system. MBAs who are on 2013–14 committees and task forces will also give updates on their work this year. The group will discuss a range of issues affecting mobility, law enforcement, and licensure requirements. Each MBA will also have time to report on activities of interest for their respective licensing board.

In the evening, a reception and dinner at the host hotel, Chaparral Suites Scottsdale, will give an opportunity to network and share information in a more informal setting.

“This meeting gives MBAs a chance to communicate with each other and NCEES staff about their individual experiences and also learn about initiatives that various committees and headquarters staff are working on,” said NCEES Chief Executive Officer Jerry Carter. “It’s a great opportunity to learn from one another. We’re looking forward to it.”

# ZONE NEWS

## Zones prepare for 2014 interim meetings

WITH AGENDAS SET AND WELCOME receptions scheduled, NCEES is preparing for its upcoming zone interim meetings.

The member licensing boards of NCEES 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 have become a significant point on the NCEES calendar.

“I encourage the members and staff of our member boards to attend these meetings,” said NCEES President Patty Mamola, P.E. “It’s important to have a variety of voices to give feedback to this year’s committees and the NCEES leadership. It’s also a great opportunity to learn from other boards and make new contacts.”

### Zone, national issues on agenda

Representatives of the 2013–14 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 chief executive officer will also report on recent activities. Each zone will hold forums for engineers, surveyors, and board administrators to discuss topical professional issues, and the Southern Zone will hold an additional forum for law



*The Northeast Zone will meet at the Greenbrier in White Sulphur Springs, West Virginia, May 8-10. Other zones meeting will be held in Charleston, South Carolina, and Lincoln, Nebraska.*

enforcement. Member boards will also have the opportunity to update the zone on their activities.

Also on the agenda is zone business, including selecting officers. The Central and Western zones will elect vice presidents and assistant vice presidents, while the Northeast and Southern zones will elect zone secretary-treasurers. The Central Zone will also choose its nominee for 2014–15 president-elect and elect a secretary-treasurer to fill the vacancy for the remainder of the 2013–15 term.

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

### Meeting registration

Online registration for all of the zone interim meetings is now open. A link to

online registration, as well as more details on the meetings, is in the MyNCEES section of [ncees.org](http://ncees.org) (see Zones under Board Resources).

### Southern Zone Meeting

- Charleston, South Carolina
- April 24-26, 2014

### Northeast Zone Meeting

- White Sulphur Springs, West Virginia
- May 8-10, 2014

### Central/Western Zone Meeting

- Lincoln, Nebraska
- May 15-17, 2014

# EXAM UPDATE

## October 2013 Pass Rates

### FE EXAM

FE pass rates for examinees who attended EAC/ABET-accredited engineering programs:

Exam Module	First-Time Takers (%)	Repeat Takers (%)
Chemical	80	48
Civil	75	34
Electrical	66	18
Environmental	82	47
Industrial	64	44
Mechanical	80	47
Other Disciplines	70	32

### FE EXAM—OTHER DISCIPLINES MODULE ONLY

Only EAC/ABET degrees with more than 50 examinees are reported.

Examinees' Degree Discipline	First-Time Takers (%)	Repeat Takers (%)
Aeronautical/Aerospace	90	33
Agricultural	82	29
Architectural	71	46
Biological	75	60
Biomedical	77	20
Chemical	80	21
Civil	63	29
Electrical	54	27
Environmental	85	42
General Engineering	79	23
Materials	89	100
Mechanical	72	38
Mining/Mineral	61	40
Naval Arch./Marine	72	100
Nuclear	93	0
Petroleum	59	44
Structural	81	40

### PE EXAM

Exam	First-Time Takers (%)	Repeat Takers (%)
Agricultural	69	50
Architectural*	74	43
Chemical	67	40
Civil	64	29
Control Systems	76	53
Electrical/Computer	63	28
Environmental	63	35
Fire Protection	69	37
Industrial*	72	50
Mechanical	72	41
Metallurgical/Materials	62	0
Mining/Mineral Proc.	71	37
Naval Arch./Marine Eng.*	58	46
Nuclear	54	44
Petroleum	75	53
Software	50	N/A

\*These exams are given only in April. Pass rates shown are for April 2013.

### SE EXAM

Exam	First-Time Takers (%)	Repeat Takers (%)
Vertical Component	50	34
Lateral Component	38	43

The above pass rates reflect the percentage of candidates who attained acceptable results by component. To pass the SE exam, acceptable results must be attained on both components.

### SURVEYING EXAMS

Exam	First-Time Takers (%)	Repeat Takers (%)
FS	68	27
PS	76	41



RICK HUETT  
ALABAMA STATE BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS AND SURVEYORS  
INVESTIGATOR

# There's real meaning behind a familiar phrase

“SAFEGUARDING OF LIFE, HEALTH, and property” is a phrase you hear often when someone is describing the purpose of regulation. It is included in Section 110.10 of the NCEES *Model Law* regarding why the practice of engineering and surveying is subject to regulation. The Code of Alabama has similar language that also states that professional engineers and surveyors are accountable to the state and members of the public to maintain high professional standards. State law empowers the Alabama board to establish rules and regulations to ensure adherence to these standards. Words such as “safeguard” and “protect” aren’t abstract terms. They describe the work licensing boards do every day, in large and small ways.

On April 27, 2011, tornados struck Alabama, causing numerous deaths and widespread property destruction. During rebuilding, the Alabama attorney general’s office became aware of a firm that was possibly misleading individuals about the safety effectiveness of its products. In 2012, the attorney general initiated an investigation and filed legal action, which ultimately led to the firm being permanently enjoined from operating in the state of Alabama.

The Alabama state fire marshal was also involved in the investigation and had inspected a storm shelter recently

constructed by the firm for a private school in Alabama. The inspection noted possible engineering design deficiencies, and the fire marshal requested that the Alabama board investigate the matter.

The investigation revealed that a professional engineer prepared structural design drawings that were to be used for the construction of a private school storm shelter and the construction of 14 storm shelters around Alabama. The board’s review of the designs found deficiencies and violations of the International Building Code. The investigation also revealed that the professional engineer submitted the design drawings knowing that they did not comply with certain code requirements and relied on assurances from the client that variances to these code requirements would be applied for and granted.

Furthermore, the investigation uncovered that the contractors responsible for construction of the storm shelters did not erect them in accordance with the design provided by the professional engineer and permitted by the approving authorities.

During court presentation, the attorney general’s office became aware of a second professional engineer who may have prepared template tornado shelter/safe room designs for the firm to be marketed to homeowners. Based on information

Words such as “safeguard” and “protect” aren’t abstract terms. They describe the work licensing boards do every day, in large and small ways.

obtained during testimony, the board initiated a complaint investigation concerning the second P.E. The board found that the professional engineer placed his professional seal and signature on design plans that he did not directly supervise and that his review was limited to specific factors, such as compliance with FEMA 320.

Both professional engineers were disciplined.

In these two situations, multiple state agencies entrusted with the responsibility of safeguarding the public interest acted swiftly and addressed potential life-safety issues. So yes, individuals involved in regulation use the phrase “to safeguard life, health, and property” often. It’s because they mean it.

# UPCOMING EVENTS

## FEBRUARY 4-6

PE Agricultural Exam Meeting  
Clemson, South Carolina

## FEBRUARY 5

MBA Meeting, Scottsdale, Arizona

## FEBRUARY 6-7

PE Naval Arch./Marine Exam Meeting  
Clemson, South Carolina

## FEBRUARY 6-8

SE Exam Meeting, Clemson, South Carolina

## FEBRUARY 7-8

Education Committee Meeting  
Tampa Bay, Florida

## FEBRUARY 7-10

PE Industrial Exam Meeting  
College Station, Texas

## FEBRUARY 14-16

PE Metallurgical/Mat. Exam Meeting  
San Diego, California

## FEBRUARY 16-22

DiscoverE Engineers Week

## FEBRUARY 21-22

Board of Directors Meeting  
St. Croix, U.S. Virgin Islands

## FEBRUARY 22-24

PE Mining and Mineral Processing Exam  
Meeting, Salt Lake City, Utah

## FEBRUARY 28-MARCH 1

EPE Committee Meeting  
Clemson, South Carolina

Finance Committee Meeting  
Orlando, Florida

## MARCH 7-8

Exam Audit Committee Meeting  
Clemson, South Carolina

## MARCH 8

POLC Meeting, Clemson, South Carolina

## MARCH 14-15

PE Nuclear Exam Meeting  
SE Exam Meeting, Clemson, South Carolina

## MARCH 16-22

National Surveyors Week

## MARCH 21-22

PE Environmental Exam Meeting  
Clemson, South Carolina

## MARCH 28-29

PE Mechanical Exam Meeting  
Clemson, South Carolina

## MEMBER BOARD NEWS

**Florida PE** Vivian Boza and John Pepper are new appointees.

**Florida PS** Steven Hyde is a new appointee. Arthur Mastronicola is no longer a member.

**Illinois SE** David Carroll, Tony Shkurti, and Gladson Varghese are new appointees. Benjamin Baer and Nancy Gavlin are no longer members.

**Nebraska PE** Steve Masters is the new executive director.

**Nebraska PS** Gerri Monahan is the new board administrator, replacing Kathy Martin.

**New Hampshire PE** Alex Azodi is a new appointee.

**New Hampshire PS** Earl Sandford is no longer a member.

**North Dakota** Former executive director Cliff Keller passed away November 26.

**Ohio** Dean Ringle is a new appointee. Keith Swearingen is no longer a member.

**Puerto Rico** Board president José Mendoza passed away December 27.

**Texas PE** David Howell is the new deputy executive director, replacing Priscilla Pipho.

**Wisconsin** Brittany Lewin is the new board administrator, replacing Angie Hellenbrand.

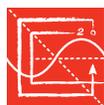
## NCEES OUTREACH

**FEBRUARY 16-18 Future City** NCEES judges will select the national winner of the best land surveying practices award at the finals of the Future City Competition in Washington, D.C.

**FEBRUARY 22 DiscoverE Family Day** NCEES will host two hands-on activities at Family Day at the National Building Museum in Washington, D.C., to promote engineering and surveying to children ages 4-12.

**MARCH 26-29 The Steel Conference** CEO Jerry Carter and COO Davy McDowell will represent NCEES in Toronto, Canada, at the North American Steel Construction Conference, which is presented by the American Institute of Steel Construction.

**MARCH 26-30 NSBE** NCEES staff will promote licensure and NCEES services at the annual convention of the National Society of Black Engineers in Nashville, Tennessee.



P.O. Box 1686  
(280 Seneca Creek Rd)  
Clemson, SC 29633 USA  
864-654-6824

**Patty L. Mamola, P.E.**  
*President*  
Reno, Nevada

**Gene L. Dinkins, P.E., P.L.S.**  
*Past President*  
Columbia, South Carolina

**David H. Widmer, P.L.S.**  
*President-Elect*  
Rochester, Pennsylvania

**Gary W. Thompson, P.L.S.**  
*Treasurer*  
Clayton, North Carolina

**Michael J. Conzett, P.E.**  
*VP Central Zone*  
Ralston, Nebraska

**James J. Purcell, P.E.**  
*VP Northeast Zone*  
Lawrenceville, New Jersey

**Daniel S. Turner, Ph.D., P.E., P.L.S.**  
*VP Southern Zone*  
Tuscaloosa, Alabama

**Von R. Hill, P.S.**  
*VP Western Zone*  
Bountiful, Utah

**Jerry T. Carter**  
*Chief Executive Officer*  
Clemson, South Carolina

## Licensure EXCHANGE

**Jerry T. Carter, Chief Executive Officer  
and Publisher**

**Keri B. Anderson, Manager of  
Corporate Communications**

**Jennifer L. Williams, Editor**

**Brittany D. Wilson, Graphic Designer**

ISSN NO. 1093-541X  
VOLUME 18, ISSUE 1

All articles within *Licensure Exchange* may be reprinted with credit given to this newsletter and to NCEES, excluding those articles reproduced in *Licensure Exchange* with permission from an original source.

### 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

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



A change to the NCEES financial policy on travel expenses will allow funding for more member board members and administrators to attend their first NCEES annual meeting. Approved at the 2013 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). NCEES also will continue to fund a voting delegate from each board.

The 93rd NCEES annual meeting will be held August 20–23, 2014, in Seattle, Washington. First-time attendees will get their bearings at a new member orientation, where they will learn about the structure of NCEES, its services, and what to expect during the meeting. During the business sessions, delegates will vote on key engineering and surveying licensure issues. Technical workshops will provide continuing education opportunities, and social events will offer time to network with members and staff of other licensing boards. Full details on the meeting, including the agenda and registration information, will be available in April.

“The annual meeting is the culmination of the Council’s work for the year,” said NCEES President Patty Mamola, P.E. “We’re eager to get input from our newest members and MBAs, so we encourage them to take advantage of the new funding.”