

# Licensure EXCHANGE

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## FEATURE STORY

# NCEES MAKES A DIFFERENCE WITH ENGINEERS WEEK

Members and staff join national and local outreach efforts

FROM NATIONAL COMPETITIONS TO CLASSROOM visits, DiscoverE Engineers Week 2014 was filled with outreach efforts to celebrate the contributions of engineers and to get children, parents, and educators excited about engineering. The theme for Engineers Week 2014, held February 16–23, was Let's Make a Difference, and NCEES participated in national and local events to do just that.

### Family Day

NCEES members and staff shared their enthusiasm for engineering and surveying at the DiscoverE Family Day at the National Building Museum in Washington, D.C.

Now in its 21st year, this annual event attracts thousands of students, parents, teachers, and community groups. Aimed at children aged 4 to 12, Family Day focuses on introducing the wonder of engineering.

On February 22, hundreds of volunteers manned about 30 exhibits with interactive activities to present basic science and engineering principles. NCEES hosted two exhibits to introduce children to engineering and surveying.

At the first exhibit, children used simple materials such as foam peanuts and paper clips to design a “flinker,” an object that doesn't float or sink in water but flinks in the middle.



*Students from Ravenel Elementary School build their entry for the balloon rocket race as part of the Girl Day celebrations. NCEES staff and members of the local engineering community participated in the outreach event at the school on February 20.*

“The children's enthusiasm was great. They were using the engineering design process to solve a problem—and having a lot of fun doing it,” said Howard Gibbs, P.E., District of Columbia board member and Flinker volunteer.

NCEES also used the Family Day event to introduce children to surveying. Donning their NCEES hardhats and safety vests at the X Marks the Spot exhibit, children got a lesson on pacing, measurement, and direction from Maryland surveying board member Tom Orisich, P.L.S., and volunteers from the District of Columbia Association of Land Surveyors. The children then put their new skills to use to navigate the museum and find the X.

### New Faces of Engineering College Edition

Family Day marked the end of the Engineers Week celebration, but NCEES members and staff participated in DiscoverE outreach events before and after. NCEES Past President Dale Jans, P.E., participated in a February 13 webinar for college engineering students hosted by DiscoverE, “The Best Engineering Career Advice I Ever Got.”

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## ENGINEERS WEEK

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He joined representatives from Bechtel, DuPont, IEEE-USA, Lockheed Martin, and National Instruments to share their best tips and advice for a successful and rewarding engineering career.

During the webinar, the 2014 nominees for New Faces of Engineering College Edition were announced. NCEES sponsors this annual award program to recognize outstanding 3rd-, 4th-, and 5th-year engineering students.

### Future City

NCEES also participated in the Future City Competition finals in Washington, D.C., on February 19.

The Future City Competition is a semester-long program to challenge 6th-, 7th-, and 8th-grade students to work with teachers and engineering mentors to design a city 150 years in the future. Since last fall, 40,000 students from 1,350 schools have competed in regional competitions across the country. The winners of those 37 regional competitions won the opportunity to compete at the national finals.

Orisich and Ivan Hoffman, P.S., Arkansas board member and chair of the NCEES Committee on Examinations for Professional Surveyors, served as judges for a special award, Best Land Surveying Practices, at the finals.

“We’ve offered the national award for best land surveying practices since 2004 and expanded it to the regional competitions

last year,” Orisich said. “It’s great to get students thinking about how engineers and surveyors make a difference in our communities.”

Harding Middle School, from Cedar Rapids, Iowa, won the national Best Land Surveying Practices award, and St. John Lutheran School in Rochester, Michigan, won the national grand prize for its city, Gongping.

### Girl Day

NCEES staff also celebrated Engineers Week with an outreach event closer to home. On February 20, staff took part in a DiscoverE Girl Day event at Ravenel Elementary School in Seneca, South Carolina, near NCEES headquarters. More than 130 3rd-, 4th-, and 5th-grade girls took part in the event, which included hands-on activities such as building paper helicopters and racing balloon rockets.

Each year, Girl Day gives thousands of female engineers, with support from their male counterparts, the chance to mentor more than one million girls and young women in grades K–12.

“Reaching out to promote engineering in our own community was very meaningful to the NCEES staff. Giving students the chance to talk one-on-one with P.E.s from their local area really brings home the message that engineers are ordinary people doing extraordinary things to make our lives better,” NCEES Chief Executive Officer Jerry Carter said.

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### Surveyors Week

NCEES also assisted with National Surveyors Week, which was held March 16–22. Sponsored by the National Society of Professional Surveyors, the week celebrates the surveying profession and its many contributions to American society.

NCEES helped NSPS with creating a new volunteer kit to explain how to get involved in surveying outreach, including talking to children about the surveying profession, helping Boy Scouts earn the surveying badge, or participating in GPS Day.

“We were excited to work with NSPS this year to help build support for Surveyors Week and look forward to seeing how it grows next year,” Carter said.

## FROM THE PRESIDENT



PATTY MAMOLA, P.E.  
NCEES PRESIDENT

# Boards must ask what they can do to improve mobility in their jurisdictions

IN 1920, SEVEN STATES GOT TOGETHER to form NCEES for the primary purpose of improving mobility. Nearly 94 years later, with all U.S. engineering and surveying licensing boards now members of NCEES, we are still working on mobility issues.

Since becoming involved with NCEES in 2006, I've seen states taking actions that restrict mobility rather than enhance it. We vote for changes to the *Model Law* that we never intend to enact in our own jurisdictions. Why?

One example that comes immediately to mind is the master's-or-equivalent requirement. In a few short years, this requirement will have a big impact on what little enhanced mobility we currently have with the Model Law Engineer designation. In the year 2020, a Model Law Engineer will need to have a master's degree or equivalent. The equivalent has yet to be fully defined, and no state has changed its laws to adopt the requirement. Our international partners frequently ask about MLE 2020 because they want enhanced mobility and anticipate having to meet the standard, despite the fact that no state currently plans to adopt it.

Mobility has been a focal point for me this year, both nationally and internationally. At the recent MBA meeting in Scottsdale,

the member board administrators were discussing reports on a charge that was issued jointly to the MBA Committee and the Mobility Task Force. The charge was to develop a plan to improve mobility. The concept of an enhanced MLE credential has been discussed for the past two years. At this meeting, the MBAs pointed out that the purpose for an MLE is to improve mobility for engineers who meet the criteria. Currently, we can't even get a majority of states to accept the Model Law Engineer designation, let alone get them to accept it quickly for comity licensure. So why create another credential that sets the bar even higher? Why can't we address the issues with MLE and work on getting states to accept it for enhanced mobility? The NCEES strategic plan includes an item to simplify solutions, not create over-complicated solutions for complex issues. Mobility is a complex issue. We need to strive for simple solutions.

During this discussion at the MBA meeting, President-Elect David Widmer, P.L.S., leaned over to me and said, "We're talking about mobility, but surveyors don't have mobility." That was an eye-opener for me. I hadn't realized that surveyors had no mobility, yet I knew that each state required surveyors to take its state-specific exam. Why does each jurisdiction hold on to its state-specific exam requirement?

Mobility is a complex issue. We need to strive for simple solutions.

I've been told that if you compare state-specific exams (metes-and-bounds states or boundary-survey states), about 80 percent of the questions are similar. If that's the case, why do we require an applicant to take a state-specific exam in each jurisdiction? The structural engineers were in a similar situation until a few dedicated people took the issue on, and we now have all states accepting the 16-hour SE exam as a requirement for licensure as a structural engineer.

In the spirit of simplifying, it's interesting that we hold experienced licensed engineers and surveyors to a higher standard than we do applicants for initial licensure. The standard has always been "minimally competent." Why can't we trust our fellow states and have confidence that a state did its due diligence to determine an applicant's minimal competency during the initial application and licensing process? We all talk about the dangers of opening

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JON NELSON, P.E.  
OKLAHOMA STATE BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS AND LAND SURVEYORS  
EMERITUS MEMBER

## NSPE Engineering Body of Knowledge defines key capabilities for a P.E.

New publication applies to all engineering disciplines

IN RECENT YEARS, THERE HAS BEEN MUCH DISCUSSION about the body of knowledge for engineers. The concept has been raised in relation to the criteria used for accreditation, and it was one of the central themes of the discussion about increasing the level of education required for licensure (the master's or equivalent) in the *Model Law* and *Model Rules*.

In general, the engineering body of knowledge is defined as the knowledge, skills, and attitudes necessary for an individual to enter the practice of engineering as a professional and be in responsible charge of engineering activities. Several formal bodies of knowledge have been developed over the past few years by engineering societies representing specific disciplines, but the concept of a body of knowledge is not new to the licensure community. NCEES has prepared its own version for decades; it has conducted professional activities and knowledge studies to establish the specifications for the licensure exams since the exams were first prepared. In addition, the body-of-knowledge concept is embraced by ABET in the form of the educational outcomes contained in the criteria it uses to accredit engineering programs, a process that is of great importance to licensure.

While establishing the details of the master's-or-equivalent requirement, the importance of bodies of knowledge was reemphasized, and it became clear that the profession needed to be part of their establishment to properly shape the future. The National Society of Professional Engineers, which represents licensed engineers in all disciplines, saw itself as a natural fit to develop a body of knowledge that would apply to all disciplines in support of engineering practice. The process started in 2011 and culminated in the Engineering Body of

While establishing the details of the master's-or-equivalent requirement, the importance of bodies of knowledge was reemphasized, and it became clear that the profession needed to be part of their establishment to properly shape the future.

Knowledge, 1st Edition (EBOK), which was approved by the NSPE board of directors in October 2013.

NSPE's Licensure and Qualifications for Practice Committee was charged with the development of the EBOK. Its members researched other published bodies of knowledge, accreditation criteria, society vision and position statements, and other resources to develop guiding principles for shaping the future of engineering, key attributes of the professional engineer of the future, and the capabilities such engineers will need to enter practice. They then prepared a draft document, which went through a year-long process of internal reviews by other NSPE committees and external reviews by societies representing various disciplines. The input was of great value and played an important role in shaping the final document.

The required capabilities make up most of the document. These capabilities, listed below, are presented in three categories: basic or foundational, technical, and professional practice.

As the EBOK points out, not all of these capabilities will be imparted through formal education. The scope of formal education is limited, and some of the capabilities will be, and should be, acquired by experience.

NSPE will have a workshop at the 2014 NCEES annual meeting to present the EBOK in detail and discuss its development process, its content, and its relevance to the public, the profession, and licensure. The EBOK is available for download at [nspe.org/resources/pdfs/NSPE-Body-of-Knowledge.pdf](http://nspe.org/resources/pdfs/NSPE-Body-of-Knowledge.pdf).

### Capabilities included in the Engineering Body of Knowledge

#### Basic or Foundational

Mathematics

Natural Sciences

Humanities and Social Sciences

#### Technical

Manufacturing/Construction  
Engineering Science  
Problem Recognition and Solving  
Operations and Maintenance  
Systems Engineering  
Technical Depth

Design  
Engineering Tools  
Safety  
Societal Impact  
Technical Breadth

Engineering Economics  
Experiments  
Risk, Reliability and Uncertainty  
Quality Control and Quality Assurance  
Sustainability and Environmental Impact

#### Professional Practice

Business Aspects of Engineering  
Global Knowledge and Awareness  
Lifelong Learning  
Public Policy and Engineering

Communication  
Leadership  
Professional Attitudes  
Teamwork

Ethical Responsibility  
Legal Aspects of Engineering  
Project Management

## FROM THE PRESIDENT

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our regulations, but they are regularly opened and changes are made. Why can't we make mobility a priority and look for opportunities to make the changes needed when our regulations are open? Some states already have wiggle room within their regulations or rules to provide for the ability to get licensed immediately or in a very short period of time.

We, the member boards of NCEES, created this organization to have professional mobility. We need to remember that and be good stewards of that charge when we take a position and vote

on items. It just takes a shift in focus and a champion on your state board to make change happen. I challenge you to be that person, to champion enhanced mobility on your board. Enhanced mobility can happen, but we—you, me, each of us—must work to make it happen.



MICHELLE RAMBO-RODDENBERRY, PH.D., P.E.  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS  
MEMBER

## Annual meeting puts bigger picture of national council in focus

Expanded funding gives new members and administrators chance to attend for first time

Ready to find out how all the NCEES pieces fit together? As of 2013, new board members and member board administrators who attend an NCEES annual meeting for the first time (within 24 months of initial appointment) will have their costs covered. NCEES will pay for meeting registration, lodging, and travel expenses. This funding provides a great opportunity to become acquainted with NCEES as an organization and with the annual meeting's vital role in its work.

I took advantage of the first-time attendee benefit by participating in the 2013 annual meeting in San Antonio, Texas, when the funding was limited to just one member per board. It was my first attendance since being appointed to the Florida Board of Professional Engineers two years ago. Before I share how much I learned, I must confess that this was not entirely my first attendance, just my first full attendance that “counted.”

In 2009 at the Louisville, Kentucky, meeting, I had the pleasure of accepting the inaugural NCEES Engineering Award for Connecting Professional Practice and Education, which was presented to the FAMU-FSU College of Engineering. While there, I was invited to sit in on the business session for a little while. The room was huge and filled with people from all member boards across the nation. It was



*Delegates prepare to vote on a motion at the 2013 NCEES annual meeting. Reports from committees, task forces, and officers are provided before the meeting to give member boards time to prepare before the business sessions.*

enlightening in that there was so much to say and do regarding licensure. But it was also a little intimidating because they were making decisions that affected my profession, and each member board had a clicker with which to vote on various issues. I remember thinking, “Wow, this meeting is run so efficiently and professionally. Everyone seems so engaged. But how do they make these decisions so quickly and with such ease?”

Prior to this, I only knew NCEES as the organization that administered the FE and PE exams and whose Records program helped ease the process for an engineer to become licensed in multiple states. Even when I talked about NCEES to my students to encourage and prepare them to become licensed, it was with limited understanding of NCEES' role, organizational structure,

and mission. At the awards luncheon, I remember thanking everyone for the work that they do in setting the standards for licensure, yet having no idea at the time what a tremendous task and responsibility that is.

Fast-forward almost three years, and my duties as a Florida board member began. I still felt like I knew very little about all the “stuff” going on at the national level. I knew that our board was a member of NCEES, but what did that really mean? The board's executive director kept us well informed by bringing back news of NCEES activities and decisions. But I still didn't quite get it. My time was spent hearing disciplinary cases, reviewing exam applications, voting on rule changes, and doing board committee work, with little energy left to grasp the bigger picture from such a distance.

Attending the annual meeting last year helped change that. That was when Florida board staff encouraged me to take advantage of the new first-time attendee benefit. A visit to San Antonio and the River Walk sounded like fun and an opportunity to learn more about NCEES. This time, though, I had the advantage of several months of board service, which helped me begin to see how my state's engineering board fits within the scheme of a national council.

Participation at the annual meeting gave me some experiential learning and a better understanding of how my state's laws and rules can both agree with and differ from NCEES, such as the push for uniformity and model law. It was interesting to hear about other states' viewpoints, challenges, and structures. The member boards differ in so many ways, even though we are united by the responsibility to protect the public's health, safety, and welfare. Oh, and those clickers and all the efficient voting at the business session? Doing just a little bit of homework, like reading the materials that are provided to attendees a few weeks before

the meeting, helped me feel engaged and a part of the process. When I didn't know the history of the discussion or voting items, our executive director would fill me in.

When the meeting ended, I felt compelled to go back to our board members and encourage all of them to attend (or continue to attend) the meetings. Our board is blessed with a superb staff, and I am awed by (and grateful for) their teamwork, enthusiasm, and dedication. We engineers and surveyors, in the interest of our professions, need to serve alongside them and be involved at the national level.

NCEES doesn't just write exams and keep licensees' records. I have since learned that they do much more, such as promoting uniformity, setting standards for licensure, and tackling the challenge of international licensure. Member boards still have their autonomy, such as making their own rules, enforcing the laws of their own state, and serving their licensees in the manner they see fit. This independence is good, but gathering the member boards together on

important issues gives direction and broad-mindedness to our professions.

This year's annual meeting will be in Seattle, Washington, August 20–23. I'm already looking forward to making the journey across the United States—from the southeast corner to the northwest corner. If it's like last year's meeting, there will be great food, friendly people, fun times, and—ahem—some business to take care of, too. If you are eligible for the first-time attendee benefit, I hope to see you there.

Gathering the member boards together on important issues gives direction and broad-mindedness to our professions.



*Delegates follow the committee reports during a 2013 annual meeting business session. The reports of NCEES committees, task forces, and officers are available before the meeting to give boards time to prepare.*

# Sex offenses and their reasonable relationship to professional practice

THE DECISION THAT WASHINGTON'S appellate court issued in *Ritter vs. The Board of Regulation for Registered Engineers and Land Surveyors* in 2011 shocked and confused the regulatory community. In that case, the Washington board imposed a five-year suspension on the license of an engineer convicted of molesting a family member. He appealed the board's decision, arguing that his conviction as a sex offender was not reasonably related to his profession. The court agreed with him and ordered the Washington board to remove the restriction on his engineering license.

Many states have the same language in their practice acts requiring criminal offenses to be reasonably related to the professions of engineering and surveying. I was surprised to learn from many of my fellow board administrators that their legal advisors/prosecutors have either refused to administratively prosecute criminal convictions for sex offenses or lost those cases because they were unable to connect the crimes to the practice of engineering and surveying.

### Making an effective argument

It is not difficult to tie a sex offense—or any felony, for that matter—to the practice of engineering or surveying. The obvious arguments that a prosecutor should make to exclude a convicted felon from professional practice should include

(1) the regulated community does not want a convicted sex offender, or any felon, representing themselves as a licensee to the public, and (2) engineers and surveyors have access to vulnerable adults and children at schools, parks, recreational centers, their offices, etc. Board prosecutors should also be arguing that licensed practitioners need to make good choices and decisions in their everyday practice. Making the decision to commit a felony is not a good choice. A practitioner who makes the choice to sexually assault another person might make equally bad choices in a professional setting, which could adversely affect public health, safety, and welfare. This argument is both compelling and applicable, even in cases where respondents can argue that they don't have access to the public in their practice. Board counsel should make this argument at such formal hearings.

The "good choice" argument I suggest provides decision makers and triers of fact with a legal and moral basis to deny registration to applicants and to revoke registrations to those licensees with felony convictions, and especially those with convictions for sex offenses. A competent and moral trier of fact surely does not want to allow a convicted sex offender to become a licensed engineer or surveyor or would not willingly allow an engineer or surveyor who is already licensed to retain registration

Board prosecutors should also be arguing that licensed practitioners need to make good choices and decisions in their everyday practice. Making the decision to commit a felony is not a good choice.

after being convicted of such a serious crime against the community. The argument that such people lack the ability to make good choices and could endanger the public affords counsel the comfort level and legal authority to issue the correct recommended decision to boards.

It's time to remove the language that requires criminal convictions to be "reasonably related" to the professions from our practice acts. It is outdated and cumbersome. It is not in the NCEES *Model Law*. But until that can be accomplished, encourage your boards to make the morally correct decision to deny licensure to applicants and/or revoke or suspend licenses of P.E.s or P.S.s with sex offense convictions. Please ask your lawyers to make the arguments noted above to defend your decisions. It's the right thing to do. Cases can and have been won using the "good choice" argument.





THERESA HILLIARD HODGE, P.E.  
SOUTH CAROLINA BOARD OF REGISTRATION FOR  
PROFESSIONAL ENGINEERS AND SURVEYORS

## Member boards must help each other to better protect the public

IF A DOCTOR HAD BEEN FOUND negligent in one state, you wouldn't dismiss it because it wasn't in your state. If a lawyer across the country was found guilty of fraud, you wouldn't ignore it because it didn't happen where you live. The same applies to professional engineers and surveyors: the public does not want to see if a P.E. or P.S. disciplined in one state commits the same offense in theirs. They judge him or her by the first offense.

Member licensing boards are all committed to protecting the public from incompetent or unethical practice. But do you realize that even if a comity application asks whether a licensee has been disciplined before, in many cases no one verifies the information reported? And even if a board attempts to verify it, there's no way to be sure. My question to you is, is this an important question? If so, let's do something to make sure we can answer it.

Enforcement Exchange is the solution. Enforcement Exchange is an NCEES database that serves as a central repository for member boards to post disciplinary actions taken against licensees. But it can work only if all member boards—not just some—post disciplinary actions.

The issue of posting to Enforcement Exchange has been discussed for many years, but still we do not have 100 percent

participation in the program. In a 2013 survey by the Law Enforcement Committee, it was noted that several member boards provided no postings. These boards included

- 7 of the 17 Central Zone boards
- 10 of the 20 Northeast Zone boards
- 4 of the 18 Southern Zone boards
- 5 of the 14 Western Zone boards

These boards were contacted to determine why they are not using Enforcement Exchange. Surprisingly, the majority of boards noted the following reasons:

- Lack of knowledge
- Staff turnover
- No violations to report
- Lack of staff to input the information

We as board members need to be aware that it is our responsibility to report violations. I wasn't until I became a member of the Law Enforcement Committee.

Board members, what can you do? Check with your board staff to be sure that Enforcement Exchange is being used. If not, help determine what resources are required to begin using it.

Board administrators, we cannot fix this without you. We all have many duties. Some of you serve multiple boards and have limited resources, but this is an important issue and is at the root of our mission to protect the health, safety, and welfare of the public.

We as board members need to be aware that it is our responsibility to report violations. I wasn't until I became a member of the Law Enforcement Committee.

Delegate someone to post the violations to the NCEES website. It is a simple process, and there's a video tutorial on Enforcement Exchange to explain how it works. Also, members of the Law Enforcement Committee would be glad to help you become familiar with the system. If you don't have staff available, ask a board member to be responsible.

### Update ahead

NCEES last updated Enforcement Exchange in 2009. Next year, the Law Enforcement Committee and NCEES staff will begin the process of evaluating Enforcement Exchange for the next upgrade. Possible changes include listing the last time a member board used Enforcement Exchange and a field to indicate when a licensee successfully completed his or her penalty. If you would like to see other changes, contact Bob Whorton, NCEES manager of compliance and security.

How would you feel knowing that someone who caused harm to the public in your state is now practicing in another jurisdiction because you didn't report the violation to your fellow member boards? If everyone does a little, we can accomplish much to protect the health, safety, and welfare of the public.

## HEADQUARTERS UPDATE



JERRY CARTER  
CHIEF EXECUTIVE OFFICER

### NCEES works to promote licensure

NCEES INVESTS A SIGNIFICANT AMOUNT of time, effort, and money to promote the engineering and surveying professions as well as the value of licensure—both to professionals and the public at large. We now support a considerable number of these initiatives, and that number has been on the rise in the past few years. Most everyone should be aware that NCEES was the lead society sponsor for DiscoverE (formerly National Engineers Week) for 2013, which was a huge effort, but did you also know that

- NCEES annually offers the only award for surveying presented as a part of the Future City Competition, participates in Family Day and Girl Day activities, and is the sponsor of New Faces of Engineering College Edition in concert with DiscoverE
- NCEES provides annual funding to support MathCounts, Trigstar, and Teaching with Spatial Technology (TwiST)
- NCEES exhibits at numerous annual conferences of professional societies, including the Society of Women Engineers, the National Society of Black Engineers, the American Society for Engineering Education, and the Society of American Military Engineers
- NCEES staff and volunteers regularly make presentations to students, educators, and professional and civic organizations, and NCEES offers

speaker's kits that can be downloaded from [ncees.org](http://ncees.org)

- NCEES has a YouTube channel, where numerous videos that promote licensure and provide information about exams are available ([youtube.com/NCEESMedia](http://youtube.com/NCEESMedia))
- NCEES provided support and assistance this year to the National Society of Professional Surveyors to promote National Surveyors Week, including working with NSPS to create a new volunteer kit that helps professional surveyors get involved in outreach activities

These are just a few of the ways that NCEES plays a major role in promoting licensure, and we are constantly evaluating new opportunities. We have contracted with a marketing firm to conduct focus groups to work with us to identify how we can best promote the value of licensure. This same group will also help us with upgrading the NCEES website to enable users to better find what they need and to make the exam and licensure processes as transparent as possible.

During the 2014 NCEES annual meeting in Seattle, Washington, we are partnering with the Pacific Science Center to introduce NCEES to Seattle. This will be a two-day event (Friday and Saturday) for children from kindergarten to middle school. The event will feature dozens of engineering

and surveying activities to introduce the kids and their families to the engineering and surveying professions. P.E.s and P.S.s from the Seattle area have volunteered to help out with the activities, and we hope that many of the NCEES delegates attending the annual meeting will lend a hand as well.

I am pleased whenever we get a new opportunity to spread the word about the value of licensure and believe that our efforts are having a positive impact on the professions. I hope you share that opinion.

#### New online NCEES apparel store

We have offered shirts, jackets, and hats with the NCEES logo for some time, but previously, there was a limited choice, and items had to be ordered through NCEES and then sent to a local firm to embroider the NCEES logo. To address these issues, we recently signed a deal with Lands End to provide NCEES merchandise through the online retailer.

A link to the NCEES Apparel Store is now available on the Resource sections of MyNCEES, and orders are placed directly through Lands End. This store offers a larger selection of items and a more efficient ordering process, so we're happy to be able to offer it.

# MEMBER BOARD NEWS

**ALASKA** Donald (John) Christensen, Jeffrey Paul Koonce, and Luanne Urfer are new appointees. Harley Hightower, Burdett Lent, and Donald Shiesl are no longer members.

**CALIFORNIA** Natalie Alavi, Asha Brooks, Diane Hamwi, Eric Johnson, and Coby King are new appointees. Carl Josephson, Mike Modugno, Mike Trujillo, and Paul Wilburn are no longer members.

**COLORADO** Narender Kumar and Brian Robertson are new appointees. Billy Harris and Axel Johnson are no longer members.

**DELAWARE PS** Member Mark Rosenthal passed away January 30. Rhonda West is a new appointee. Ken Monroe is no longer a member.

**DISTRICT OF COLUMBIA** The board's address is now 1100 4th Street SW, Suite E500, Washington, DC 20024-4471, and its phone number is 202-442-4320.

**GEORGIA** L.H. (Dan) Davis is a new appointee.

**IOWA** Craig Johnstone is no longer a member.

**KENTUCKY** Robert Fentress is a new appointee.

**MAINE PE** Knud Hermansen is a new appointee.

**MICHIGAN PE** Lori Fobes and James Stevens are new appointees. Jay Larson is no longer a member.

**MICHIGAN PS** Nickalos Darin is a new appointee. Robert Stanford is no longer a member.

**MISSOURI** Martha John and Michael Popp are new appointees. Kathy Achelpohl and Kenneth Frashier are no longer members.

**NEW HAMPSHIRE PE** William Smagula is no longer a member.

**NORTH CAROLINA** Gary Pendleton and Andrew Zoutewelle are new appointees.

**OHIO** David Cox is a new appointee. Frank Snyder is no longer a member.

**OKLAHOMA** The board's address has changed to 220 NE 28th Street, Suite 120, Oklahoma City, OK 73105.

**PENNSYLVANIA** Earnest Long is a new appointee.

**SOUTH CAROLINA** Jeffrey Mulliken is a new appointee.

**TENNESSEE PS** James (Jay) Caughman III is a new appointee.

**TEXAS PS** Gregg Smyth is no longer a member. William (Bill) Merten is a new appointee.

**UTAH** Blaine Leonard is a new appointee.

**VERMONT PE** Claus Bartenstein and Raymond Forsell are new appointees. Robert Kischko is no longer a member.

**VERMONT PS** Joseph Nalette is a new appointee. Shane Clark is no longer a member.

**VIRGINIA** Member John Combs passed away December 24, and member Paul Holt passed away January 9. Chuck Dunlap, Daniel Santos, and Christine Snetter-Dick are new appointees. Mike LeMay is no longer a member.

## UPCOMING EVENTS

**April 11** PE, PS Exam Administration

**April 11-12** FE Exam Meeting  
PE Control Systems Exam Meeting  
Clemson, South Carolina

**April 21-23** PE Fire Protection Exam Meeting, Norfolk, Virginia

**April 24-26** Southern Zone Meeting  
Charleston, South Carolina

**April 25-26** PE Civil Exam Meeting  
Clemson, South Carolina

**April 30-May 3** PE Chemical Exam Meeting, Clemson, South Carolina

**May 8-10** Northeast Zone Meeting  
White Sulphur Springs, West Virginia

**May 14-15** PE Fire Protection Exam Meeting, Clemson, South Carolina

**May 15-17** Central/Western Zone Meeting  
Lincoln, Nebraska

**May 16-17** PE Petroleum Exam Meeting (CBT), Clemson, South Carolina

**May 18-19** Board of Directors Meeting  
Lincoln, Nebraska

**May 29-31** PE Electrical and Computer Exam Meeting, Clemson, South Carolina

## NCEES OUTREACH

**APRIL 3-4** ABET Symposium,  
Pittsburgh, Pennsylvania

**APRIL 4-6** National Association of  
Engineering Student Councils Conference,  
Stillwater, Oklahoma

**APRIL 6-8** Engineering Deans Institute,  
Scottsdale, Arizona

**MAY 20-23** Society of Military  
Engineers Joint Engineer Training  
Conference and Expo, Orlando, Florida



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## Remembering Past President Martin Pedersen

NCEES past president and Wyoming board emeritus member Martin Pedersen, L.S., passed away January 18 at the age of 67.

Pedersen was a member of the Wyoming board from 1995 to 2007 and served as its president. Quickly becoming involved in NCEES activities, he served as a consultant to the Committee on Examinations for Professional Surveyors in 1995–96. In addition to continuing to serve on the EPS Committee, he also worked with many other committees and task forces over the next 12 years, including task forces for computer-based testing.

Pedersen was elected Western Zone vice president for the 2000–02 term. He then served as 2002–04 treasurer and was elected 2005–06 president. From 1995–2013, he held over 40 national administrative or committee assignments. For his service to NCEES, his board, and the engineering and surveying professions, he received the Western Zone Distinguished Service Award and the NCEES Distinguished Service Award.

His contributions to other professional organizations include serving as secretary/treasurer and president of the Wyoming Engineering Society. Pedersen was instrumental in founding the Professional Land Surveyors of Wyoming and served as the organization's first president. He was past president of the American Council of Engineering Companies of Wyoming and a member of the American Congress on Surveying and Mapping and the National Society of Professional Surveyors.

Pedersen is survived by his wife, Shelly, three children, four stepchildren, and eight grandchildren.

