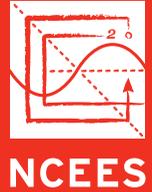


# Licensure EXCHANGE

FEBRUARY 2013  
Volume 17, Issue 1



AN OFFICIAL NCEES PUBLICATION FOR THE EXCHANGE OF INFORMATION, OPINIONS, AND IDEAS REGARDING THE LICENSURE OF ENGINEERS AND SURVEYORS

FROM THE PRESIDENT

## OUTREACH IMPORTANT TO BUILD SURVEYING PROFESSION

GENE DINKINS, P.E., P.L.S.  
NCEES PRESIDENT



**A**s surveyors, we know how rewarding our profession can be. But how do we convince the next generation? The number of examinees for the FS and PS has decreased in recent years. If this trend continues, the United States could face a shortage of professional surveyors—something that NCEES and its member licensing boards must work together to avoid.

National Surveyors Week, which will be held March 17–23, celebrates the surveying profession and its contributions to our society. This annual event is the perfect opportunity to introduce K-12 students to the many career paths open to professional surveyors.

It's great to have the opportunity for professional surveyors to talk one-on-one with students about what surveyors do and how surveyors will help build the cities of tomorrow.

I urge you to use National Surveyors Week to inspire your outreach efforts. Ask if your employer or professional surveying society is organizing an event. You can contact an area educator to visit during or after school to lead a hands-on surveying activity, or invite a student group to your office to learn more about surveying careers. You can help spread

the word about Surveyors Week by simply posting an announcement on your company webpage or social media sites or by adding it to your email signature.

The National Society of Professional Surveyors, which sponsors Surveyors Week, has a publicity handbook to help with organizing and promoting events. Visit [nsps.us.com](http://nsps.us.com) to download a copy.

There are also speakers kits to help with presentations on surveying. NSPS has a presentation aimed at middle and high school students to discuss career opportunities, including different surveying disciplines. You can download this kit at [nsps.us.com](http://nsps.us.com). The NCEES speakers kit, which is aimed at college students, explains the importance of licensure and the steps to becoming a P.S. You can download it at [ncees.org/outreach](http://ncees.org/outreach).

### Surveying award for EWeek

Another way NCEES is promoting the surveying profession is through the Future City competition, which is part of National Engineers Week. NCEES has been sponsoring one of the special awards at the Future City finals, Best Land Surveying Practices, since 2004. This year, we were able to expand this opportunity and provide professional surveyors to judge this award at regional competitions throughout the country. The judges were looking for the design that employs the best land surveying practices, taking into account the high standards used by surveyors to protect the public.

On behalf of NCEES, I thank the volunteers for the regional competitions. It's great to have the opportunity for professional surveyors to talk one-on-one with students about what surveyors do and how surveyors will help build the cities of tomorrow.

We look forward to congratulating the national winner of this special award—and all of the other national winners—at the Future City finals, which will be held February 19 in Washington, D.C.

*Engineers and surveyors advancing licensure for engineers and surveyors advancing licensure*



JOHN GREENHALGE

EXECUTIVE DIRECTOR, OHIO STATE BOARD OF REGISTRATION FOR  
PROFESSIONAL ENGINEERS AND SURVEYORS

## Performance measurement improves customer service for Ohio board

We always thought we provided excellent customer service, but we felt we needed a process in place to truly measure how we are doing.

**W**ith all of the *stuff* that a regulatory board deals with daily, it's easy to overlook that an important part of what we do is customer service. Service to our customers—registrants, examinees, universities and colleges, engineering and surveying firms, and the general public—is one of our core responsibilities as we fulfill our mission to protect the public.

One of the benefits of being an independent agency that only licenses engineers and surveyors is that our staff has the ability to focus on the two professions, and we have become acutely aware of the needs and issues affecting engineering and surveying. We believe this dedicated focus enables us to provide excellent customer service to the citizens of Ohio.

Whether investigating complaints, evaluating exam applications, reviewing applications from out-of-state applicants and firms, or providing exam and licensure verifications, the knowledge and expertise gained by our staff helps ensure that the public is being protected. The reality is that investigating a complaint involving engineering or surveying is very different than investigating a complaint in the medical profession. Likewise, evaluating an application for an engineering or surveying license is very different than evaluating an application for a cosmetology license. Having a dedicated staff with specialized knowledge and expertise in matters related to engineering and

surveying ensures the public's right to competent licensure.

We always thought we provided excellent customer service, but we felt we needed a process in place to truly measure how we are doing. In 2011, the board instituted a process to track performance. We enter key dates and events into an Excel spreadsheet that calculates the mean, median, and range for the time it takes from the initial receipt of the application or request for information to the approval of the application or distribution of information. By implementing this performance tracking system and reviewing the data monthly, the board is able to see how long it takes to evaluate and process applications and other requests for information.

After a few months of tracking our efforts, we found we were doing an excellent job on exam applications and verifications, but applications for comity licensure and certificates of authorization, or COAs, for firms were taking anywhere from 2 to 60 days to approve.

Some months, we were very good at processing the applications; other months, not so much. We found that the approvals were affected by a reduction in the frequency of board meetings, which ranges from as many as 11 to as few as 8 meetings some years. We found that because the board had to

$$F = Q_B \rho V_B - Q_C \rho V_C = \rho \frac{\pi D_B^2}{4} V_B^2 - \rho \frac{\pi D_C^2}{4} V_C^2$$

approve each comity and COA application at a meeting, an application that was received the day after a meeting could wait as long as 60 days for approval if there was no meeting scheduled the following month or if the meeting was canceled. We decided that we needed to look at opportunities to improve the turnaround on comity and COA application approvals.

During our review, we also discovered that a large percentage of our comity applicants already had an NCEES Record, and many of those were designated as Model Law Engineers (MLE). In Ohio, if an individual has been designated an MLE, he or she qualifies for comity licensure.

Back in the late 1990s, the Ohio board worked with NCEES to set up an expedited MLE application process. When a Model Law Engineer filled out an Ohio MLE application and, of course, paid an additional fee, the Ohio board would immediately review the application and NCEES Record to verify that the applicant was an MLE. Rather than wait for an official verification from the applicant's home state, the board verified via telephone or Internet that the applicant had an active license in another state and then immediately issued an Ohio license. The turnaround for this was usually within 48 hours.

We discovered that in nearly a decade, we had never had to rescind an MLE license due to

an error or incorrect information; however, only a small percentage of applicants took advantage of the expedited MLE application process. This was probably because there was an additional fee and meetings were held more frequently, thereby reducing the wait time for a regular license.

After studying the process, we eliminated the increased fee for the expedited MLE application and decided that all applications that came in with an NCEES Record that designated them as an MLE would be flagged as an MLE and processed immediately. Our evaluators and license examiners immediately review the application; if it meets Ohio's requirements, we issue a license immediately and place the application on our credentials review report for the next meeting. The turnaround on our application process for individuals designated as an MLE dropped from 45–60 days to 2–3 days.

To improve service for COA applications, the board implemented a process to grant a temporary license to any firm applying for regular licensure in Ohio that met all the requirements of law. The board developed a procedure and checklist for the evaluators

and staff to follow. If the firm meets the requirements, it is issued a temporary COA until the board can formally approve the application. This has reduced the turnaround time from the receipt of the application to when a firm can begin practicing in Ohio from 45–60 days to 2–3 days.

The board's goal is to make the application process quick and seamless and provide efficient service to our customers. In order to keep our focus on customer service, the board recently adopted customer service standards and regularly discusses customer service at our monthly staff meetings. The most important thing we learned through this process is that no matter how well you think you are doing, there are always opportunities for improvement.

# Zones prepare for 2013 interim meetings

**A**s NCEES settles into the new year, thoughts are already turning to spring and the upcoming zone interim meetings.

The member licensing boards of NCEES are divided into four geographic zones. The zones meet 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.

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 My NCEES section on [ncees.org](http://ncees.org).

Representatives of the 2012–13 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 executive director will also report on recent activities. Each zone will hold forums for engineers, surveyors, and board administrators to discuss topical professional issues, and the Central and

Southern zones will hold an additional forum for law enforcement. Member boards will also have the opportunity to update the zone on their activities.

The meeting is an important opportunity to conduct zone business, including selecting officers. The Northeast and Southern zones will elect new vice presidents and assistant vice presidents, while the Central and Western zones will elect new zone secretary-treasurers. Zones will select candidates to endorse for NCEES treasurer, and the Northeast Zone will also choose its nominee for president-elect.

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

## Southern, Central zones meeting in Mississippi

The Southern and Central zones will hold a joint interim meeting April 4–6 in Biloxi, Mississippi. The meeting will begin with an optional golf outing at Oaks Golf Club and will officially kick off that evening with a welcome reception at the host hotel, the Beau Rivage Resort and Casino. On Friday evening, delegates and their guests will enjoy music, cocktails, and a Southern buffet at the Slavonian Lodge.

## Western Zone heading to California

The Western Zone interim meeting, which will be held April 18–20 in San Francisco, California, will begin with a welcome reception at the Hilton San Francisco

Financial District, the host hotel. On Friday evening, delegates and their guests will board the *California Hornblower* for dinner and a tour of the San Francisco Bay.

## Northeast Zone traveling to New Jersey

The Northeast Zone will hold its interim meeting May 2–4 in Cape May, New Jersey. The meeting will begin Thursday evening with a welcome reception on the veranda of host hotel Congress Hall, overlooking the Atlantic Ocean. On Friday evening, Cape May Trolleys will take delegates and their guests on a tour of the city's world-famous Victorian architecture. Dinner will be served on the pool deck of Congress Hall.

Depending on interest, tee times may be available at Cape May National or Stone Harbor Country Club on Thursday morning. Cost will be based on the number of golfers. Express your interest in participating when you register for the meeting.

## 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 My NCEES section on [ncees.org](http://ncees.org) (see Zones under Board Resources).

# NCEES introduces online resource for new members

## Information center part of efforts to welcome and inform

**N**CEES has created an online toolbox for newly appointed licensing board members to explain what NCEES is, how it serves its member boards, and how they can get involved.

The new member information center is in My NCEES, the members-only section of the NCEES website (see New Member Information Center under Board Resources).

The new member toolbox includes a recorded orientation to NCEES, which gives an overview of the organization's history, its structure, and its services. The orientation also explains what volunteer opportunities are available with NCEES and how members can get involved.

The toolbox is part of a wider initiative to welcome and inform new members, which the 2011–12 Leadership Task Force recommended to help mentor future leaders. The assistant zone vice presidents are leading these efforts for their respective zones, including contacting each new appointee and organizing orientations to NCEES.

“We want to help new members understand how NCEES serves the member boards and the engineering and surveying professions and encourage them to get involved—whether it be serving on a standing committee or task force, holding an office, or volunteering with an exam development committee,” said NCEES President Gene Dinkins, P.E., P.L.S.

## Proposed *Bylaws* amendments available for review

At the 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 proposed changes in the My NCEES section of its website for member licensing boards to review (see Manuals, Guidelines, and Policies under Board Resources).

In January, NCEES posted a PDF of the *Bylaws* that shows the amendments that the Special Committee on Bylaws is proposing. This is in accordance with the *Bylaws* provision that any amendments proposed by the special committee must be submitted to all member boards at least 60 days before the earliest zone interim meeting, which begins April 4. The Special Committee on Bylaws is empowered to propose *Bylaws* amendments to the Council. A two-thirds majority of member boards present and in good standing at the annual meeting is required to approve any amendment.

$$Q_B \rho V_B - Q_C \rho V_C = \rho \frac{\pi D_B^2}{4} V_B^2 - \rho \frac{\pi D_C^2}{4} V_C^2$$



## HEADQUARTERS UPDATE

JERRY CARTER  
NCEES EXECUTIVE DIRECTOR

# Volunteers are vital to organization's success

NCEES depends on our volunteers to fulfill our mission of advancing licensure for engineers and surveyors.

**N**CCEES is truly blessed to have so many individuals who volunteer their time and expertise to support the work of the organization. In addition to the members and staff of member licensing boards who help oversee the governance of NCEES, nearly 1,000 licensed professionals participate in the development and maintenance of the 22 exams offered.

There are few weekends when there is not an exam committee in session at NCEES headquarters in Clemson. Whenever I'm in town and available, I make a point of addressing each group to express the Council's appreciation for their commitment to their profession and their willingness to spend their time away from work and family to ensure that our exams are the best they can be. I am always impressed by the pride and enjoyment I sense from many of the volunteers.

They seem to really enjoy the camaraderie and the intellectual challenge of working with their peers in putting together the exams.

This pride was further demonstrated during the last few months of 2012 when, unfortunately, I received copies of the obituaries of three individuals who were long-standing members of NCEES exam committees. They all had exemplary careers and were recognized for their contributions to their profession as well as their respective communities. What I was most struck by is that with all the accolades and accomplishments, each obituary also prominently listed that the individual had been a

long-time volunteer to NCEES as a subject-matter expert. This speaks volumes about the dedication and professionalism of our volunteers from the engineering and surveying professions and is



*Volunteers with the FE exam development committee focus on their individual assignments at a meeting at NCEES headquarters. FE meetings to write problems or review exams typically involve about 70 volunteers.*

certainly a significant reason that NCEES continues to be relevant to the professions.

NCEES depends on our volunteers to fulfill our mission of advancing licensure for engineers and surveyors. There are many ways to get involved in the work of NCEES—including serving on a zone or national committee, holding an office, or volunteering with an exam development committee. If you'd like more information about volunteering, please contact a member of your zone leadership or NCEES staff or click on the Volunteers link on [ncees.org/](http://ncees.org/).

# Board presidents and administrators meet for biennial assembly

## Computer-based testing, EWeek, and committee updates led full agenda

Licensing board presidents and administrators from across the country met this month to discuss issues related to engineering and surveying licensure and to hear updates on current and future NCEES activities. The 2013 Board Presidents' Assembly took place February 8–9 in Atlanta, Georgia.

Held every two years, this meeting was first organized in 1991, with attendance limited to board presidents and chairs (or designated representatives). In 2001 and 2003, NCEES funded member board administrators' attendance at a meeting in conjunction with the BPA. "The value of MBA participation in the Board Presidents' Assembly was quickly realized, and in 2003 the Council approved

a resolution authorizing funding of MBAs to all future meetings," explained NCEES Executive Director Jerry Carter.

The first few BPAs were limited to specific topics, such as NCEES finances or strategic planning. The agendas for recent meetings, including the 2013 BPA, included reports from NCEES leadership and staff on a wide range of ongoing initiatives.

This year's meeting began with an orientation explaining NCEES structure, policies, and services. Members of the board of directors provided updates on ongoing activities, including committee and task force activities and Council finances. Executive Director Carter reported on the building expansion at NCEES headquarters, the 2013 zone interim meetings, and foreign exam administrations. NCEES Immediate Past President Dale Jans, P.E., who is serving as chair of the steering committee for Engineers Week 2013, joined Director of Public Affairs Nina Norris for a discussion of activities associated with NCEES serving as lead society sponsor for EWeek 2013.

The afternoon focused on the transition to computer-based testing, including an update on the work of the CBT Implementation Task Force, efforts to build the CBT system, and CBT registration options for member

boards. NCEES President Gene Dinkins, P.E., P.L.S., discussed recent actions by the board of directors, including the decision on the length of the FE and FS exams for CBT and any impact on pricing schedule.

NCEES staff began the second day of the meeting with discussions on NCEES initiatives and services, including the organization's use of social media and the new NCEES Board Profile. The morning concluded with NCEES leadership reporting on the activities of this year's task forces. In the afternoon, board presidents and administrators met in separate forums.

"Although the BPA is only held every two years, it's an important opportunity to address concerns and ensure the NCEES mission is being carried out in accordance with the wishes of the member boards," Carter said. "It's very helpful to hear from the different boards."

"Although the BPA is only held every two years, it's an important opportunity to address concerns and ensure the NCEES mission is being carried out in accordance with the wishes of the member boards."

# One-year countdown begins for computer-based FE, FS exams

“NCEES will continue to finalize details of the transition and work with Pearson VUE to identify potential sites for new testing centers to ensure adequate seating capacity at locations convenient to our candidate population centers.”

**N**CEES is scheduled to complete the transition of the FE and FS exams to computer-based testing (CBT) on January 1, 2014. The transition involves significant changes to the format of the exams and the procedures for administering them.

### New exam specifications

NCEES has set new specifications—the knowledge areas to be tested and their relative weights of emphasis—for the FE and FS exams. These are posted online at [ncees.org/cbt](http://ncees.org/cbt).

The updated FE and FS specifications are the result of content reviews held in 2011 and 2012, in which NCEES surveyed a cross section of P.E.s and P.S.s, respectively, about the fundamental knowledge and skills necessary for an engineer or surveyor intern to work in a manner that safeguards the health, safety, and welfare of the public.

### Changes to administration

The October 2013 exam administration will be the last time the FE and FS exams are offered in pencil-and-paper format. Effective January 1, 2014, the FE and FS exams will be offered only via CBT at approved Pearson VUE testing centers. The PE and PS exams will continue to be offered twice each year (April and October) in pencil-and-paper format, pending further action by NCEES exam committees.

Registration for all exams will open November 4, 2013. The first available seating at a Pearson

VUE testing center for the FE and FS exams will be January 2, 2014. There will be four testing windows for the FE and FS each year. Each window will last two months, with a month between them. For example, exam appointments will be available in January and February, with none available in March. Individuals may take the FE or FS exam only one time per testing window and no more than three times in a 12-month period.

The FE and FS exams will be six hours in length, which will include a tutorial, breaks, the exam, and a brief survey. The FE and FS exams will continue to be closed book, and examinees will continue to follow the NCEES policy for using approved calculators. Supplied reference material for the exams will be provided on the computers at the testing centers.

Sample exams for the computer-based FE and FS will be available for purchase after the October 2013 exam administration.

“NCEES will continue to finalize details of the transition and work with Pearson VUE to identify potential sites for new testing centers to ensure adequate seating capacity at locations convenient to our candidate population centers,” said Jerry Carter, NCEES executive director.

More information on the FE and FS exams’ transition to CBT, including details of the latest announcements and events, is available online at [ncees.org/cbt](http://ncees.org/cbt).

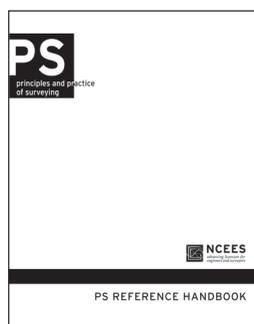
# Several exam changes ahead for April 2013 administration

Changes to the PS exam, along with several PE exams, will take place with the April 2013 exam administration.

The PS exam will become a closed-book exam. Each examinee will be supplied a *PS Reference Handbook*; no other references will be allowed for PS examinees. Proctors will distribute the reference handbooks on exam day and collect them at the end of the exam. Examinees will not be allowed to bring their own copies into the exam.

“We’ve moved to a closed-book exam to increase security and to prepare for the PS to move to computer-based testing,” explained NCEES Director of Exam Services Tim Miller, P.E. NCEES voted in 2012 to transition its PE and PS exams to computer-based testing at the earliest feasible date. “We are only just beginning to work toward this transition for the PS, but making it closed book is one of the necessary steps.”

The PS exam will also have new specifications, which indicate the knowledge areas to be tested and their relative weights of emphasis. NCEES has published a new edition of its *PS Sample Questions and Solutions*, which includes the new specifications, to aid examinees’ preparations.



For the new closed-book PS exam, each examinee will receive a copy of the PS Reference Handbook on exam day. Examinees can download a free PDF of the handbook at [ncees.org/exams](http://ncees.org/exams) to use as they prepare for the exam.

April 2013 will be the first administration of the PE exam for software engineering, which will be offered annually going forward. Exam co-sponsor IEEE-USA has published a book of sample questions and solutions for the new exam.

The PE Industrial exam will have new specifications and move to a spring administration. Previously, the exam was offered annually in the fall—most recently in October 2012—but the exam will now be offered in April. The Institute of Industrial Engineers, co-sponsor of the exam, has published a new edition of sample questions and solutions for the exam.

Additionally, the PE Civil exam will have revised design standards for three of its modules: Construction, Civil Structural, and Transportation.

The new specifications and design standards, as well as the PS exam supplied reference material, are available for free download online at [ncees.org/exams](http://ncees.org/exams). Sample questions and answers for these exams can also be ordered there.

## Approved calculators for 2013

NCEES has approved the following list of calculators for use in the April and October 2013 exam administrations. No other calculators are allowed in the exam room.

- **Casio:** All fx-115 models. Any Casio calculator must contain fx-115 in its model name.
- **Hewlett Packard:** The HP 33s and HP 35s models, but no others.
- **Texas Instruments:** All TI-30X and TI-36X models. Any Texas Instruments calculator must contain either TI-30X or TI-36X in its model name.



# Exam security is key component of exam integrity

The move to computer-based testing in January 2014 should eliminate instances of copying/collusion for the FE and FS exams.

The value of engineering and surveying licensure rests on the validity of NCEES exams. NCEES and its member licensing boards depend on the integrity of the exams to ensure professional competency.

During each exam administration, proctors record irregularities, which are actions that could potentially compromise exam integrity or give an examinee benefits not afforded to others.

All examinees must agree to abide by the NCEES Candidate Agreement, the policies and procedures that apply to all NCEES exams. Exam results for anyone who fails to comply are subject to invalidation. For the October 2012 administration, NCEES received 396 irregularity reports. The majority of these were minor incidents requiring no further action. The results for a number of examinees were invalidated for more-serious cases. These involved the following:

- 14 examinees for possessing unapproved calculators
- 8 examinees for failing to stop working when time was called
- 6 examinees for possessing cell phones
- 3 examinees for leaving the exam area without authorization
- 2 examinees for writing outside their exam books
- 1 examinee for possessing unapproved reference material (FE exam)
- 1 examinee for possessing a weapon (box cutter)
- 1 examinee for removing exam pages

NCEES also performs a copying/collusion analysis after each exam administration. For October 2012, there were 16 pairs of flagged examinees who were seated in close proximity to each other. Ten investigations are pending, but currently the results of four examinees have been invalidated, and three examinees have confessed to copying.

### CBT security enhancements

The move to computer-based testing in January 2014 should eliminate instances of copying/collusion for the FE and FS exams. Pearson VUE will use a linear-on-the-fly testing model, which uses algorithms to create a unique exam for each examinee, greatly reducing the likelihood that one examinee could copy from another. Also, Pearson VUE manages many different exams, so two NCEES examinees are unlikely to be seated near each other.

Pearson VUE maintains secure testing environments, employing enhanced security measures such as palm vein scans to identify examinees and video monitoring. CBT will eliminate other irregularities associated with pencil-and-paper exams, such as starting the exam early and failing to stop writing when time is called. CBT will also provide new opportunities to protect exam integrity by monitoring data such as unusual score gains/losses from one exam attempt to another, examinee response time to individual questions, and test center performance.

There will still be irregularities; examinees will still try to use their cell phones or study materials. But the move to CBT will help us better protect exam integrity—and therefore better protect the public.

# MEMBER BOARD NEWS

$$\Pi_3 : M^0 L^0 T^0 = (L T^{-2})^i (M L^{-3})^j (L^2)^k$$
$$M^0 L^0 T^0 = M^{j+1} L^{i-3j+2k} T^{-2i}$$

**CALIFORNIA** Kathy Jones Irish and Robert Stockton are new appointees.

**COLORADO** Joyce Young is the new board administrator.

**DISTRICT OF COLUMBIA** Greta Cordeiro is the new board administrator.

**FLORIDA PE** David Charland is no longer a member.

**KANSAS** Maurice Bowersox, Larry Graham, and Eric Wimmer are new appointees. George Dean and Tom Mulinazzi are no longer members.

**KENTUCKY** Kenneth Sperry is a new appointee. Randall Russell is no longer a member.

**MASSACHUSETTS** Edward Englander is a new appointee.

**MICHIGAN** Andrew Brisbo is the acting board administrator for the PE and PS boards, replacing Gloria Keene.

**NEW MEXICO** Member and board secretary Fred Sanchez passed away on November 13, 2012. Ronald Bohannon and Glen Thurow are

new appointees. Subhas Shah is no longer a member.

**NORTH DAKOTA** Robert Fode and Roger Kluck are new appointees. Dean Wieland is no longer a member.

**OHIO** Bert Dawson is a new appointee. Chandra Shah is no longer a member.

**PENNSYLVANIA** Robin Shearer is the new board administrator, replacing De Andra Field.

**RHODE ISLAND PS** Curtis Johnson is a new appointee. Louis Federici is no longer a member.

**UTAH** Chris Barker, Scott Bishop, and Jeffrey Richards are new appointees. Von Hill, Jonathan Richards, and David Wesemann are no longer members.

**VIRGINIA** Robert Boynton, Carolyn Langelotti, and Sheila Wilson are new appointees. James Boyd, Nico De Leon, and Cameron Stiles are no longer members.

## Upcoming Events

### February 7-9

SE Exam Meeting  
Clemson, South Carolina

### February 8-9

Board Presidents' Assembly  
Atlanta, Georgia

### February 17-23

National Engineers Week

### February 23

Finance Committee Meeting  
Scottsdale, Arizona

### February 24

PE Mining/Min. Proc. Exam Meeting  
Denver, Colorado

### March 1-2

Board of Directors Meeting  
Astoria, Oregon

### March 1-3

PE Met./Mat. Exam Meeting  
San Antonio, Texas

### March 9

POLC Meeting  
San Antonio, Texas

### March 15-16

Exam Audit Committee Meeting  
Clemson, South Carolina

PE Civil PAKS Meeting  
Atlanta, Georgia

### March 17-23

National Surveyors Week

## NCEES outreach

**March 27-31 NSBE Annual Convention** NCEES staff will travel to Indianapolis, Indiana, to the annual convention of the National Society of Black Engineers, where they will promote licensure and exam study materials and educate attendees on the transition to computer-based testing.

Gene L. Dinkins, P.E., P.L.S.  
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*Immediate Past President*  
Sioux Falls, South Dakota

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Phoenix, Maryland

Theodore A. Sack, P.L.S.  
*Southern Zone Vice President*  
Sand Springs, Oklahoma

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

Jerry T. Carter  
*Executive Director*  
Clemson, South Carolina

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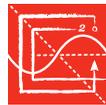
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## New speakers kit takes licensure message to the public

**N**CCEES will introduce a speakers kit during National Engineers Week, February 17–23. The kit was developed to spread the message that professional engineers and surveyors keep us safe.

Aimed at the general public, the 30-minute multimedia presentation explains what engineers and surveyors do, how the licensure system is structured in the United States, and the process for getting licensed. The presentation also emphasizes the importance that the licensure system places on competent, ethical practice. In interviews throughout the presentation, professional engineers and surveyors discuss how their professions impact lives and the ethical responsibilities that come with being licensed.

The presentation explains that many individuals—about 80 percent of engineers—practice engineering without a license through state licensing exemptions. As a 501(c)3 nonprofit organization, NCEES does not lobby, but it has adopted a position statement that it “strongly promotes the concept that all qualified individuals who practice or desire to practice engineering or surveying seek licensure, even when exempted by statute or regulation.”

“We want to help the public understand that the work that engineers and surveyors do is important to the health, safety, and welfare of the public and that licensure—with its emphasis on demonstrating technical competency and adhering to a strict code of ethics—is there to protect the public,” explained Nina Norris, director of public affairs at NCEES.

The new speakers kit will be available for download on the NCEES website after EWeek. Any group that would like a speaker to deliver the presentation can request a local member of the NCEES Speakers Link online at [ncees.org/outreach](http://ncees.org/outreach).

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