



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

## FEATURE STORY

## WHY THE DOUBLE STANDARD?

When we urge students to become P.E.s, we should lead by example.

ROB LANG, P.E.

KIRANKUMAR TOPUDURTI, P.E.

**E**ngineering faculty members often stress to students the importance of a professional engineer's license. As North Carolina State's engineering college states on its website, "The P.E. license is the engineering profession's highest standard of competence." We also work hard to ensure that our

programs receive continuing ABET accreditation and certify to state licensing boards that our students have fulfilled the requirements for the Fundamentals of Engineering exam, one of the prerequisites for a license in most jurisdictions.

Yet many faculty members themselves are not licensed. We believe that needs to change and that faculty licensure is an important step in raising the stature of the engineering

profession. We therefore urge universities to set a goal of requiring a P.E. for all tenured faculty.

Some will argue that tenured and tenure-track faculty with doctorates already have very high credentials. This is undoubtedly true, but a license means something more. It means a practitioner can be trusted, as the NCEES *Model Law* puts it, to "safeguard life, health, and property and to promote the public welfare." The need for this protection is made all too clear in the history of such spectacular and tragic failures as the 1919 Boston Molasses Flood, the 1940 Tacoma Narrows bridge

collapse, the 1986 space shuttle *Challenger* disaster, the 2007 I-35 bridge collapse, and the 2010 Deepwater Horizon oil spill.

If we want our students to acquire both the theoretical and the practical knowledge to prevent such disasters in the future, don't we owe it to them to set the same standard for ourselves? The National Society of Professional Engineers thinks we do: "NSPE recognizes the responsibility of engineering faculty to formulate curricula and to teach students to prepare them for the professional practice of engineering. To fulfill this responsibility as it relates to the public health, safety, and welfare, engineering faculty teaching advanced engineering subjects should be licensed professional engineers."

Those of us who are licensed faculty tend to agree. As David Rockstraw, professor of chemical engineering at New Mexico State University, says: "Teaching the theory of ice skating and actually getting out on the rink are two different things. I earned my P.E. the old-fashioned way, by getting practical experience even after I became a faculty member."

In the NCEES *Model Law*, the practice of engineering includes not only those aspects we readily associate with practice, such as planning, design, operation, investigation, and expert technical testimony, but also "teaching of advanced engineering subjects." With the inclusion of teaching as practice, NCEES is in effect suggesting that jurisdictions should require licensure for engineering faculty. State statutes in Missouri, Alaska,

If we want our students to acquire both the theoretical and the practical knowledge to prevent such disasters in the future, don't we owe it to them to set the same standard for ourselves?

*continued on page 7*

# NCEES celebrates awesome with EWeek 2013

Members and staff join national and local outreach efforts.

From national competitions to classroom visits, Engineers Week 2013 was filled with outreach efforts large and small to celebrate the contributions engineers make to society and to get children, parents, and educators excited about engineering. The theme for EWeek 2013, held February 17–23, was Celebrate Awesome, and as lead society sponsor, NCEES participated in national and local events to do just that.

## Discover Engineering Family Day

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

Now in its 20th year, this annual event attracts thousands of students, parents, teachers, and community groups and kicks off EWeek activities in the capital. Aimed at

children aged 4 to 12, Family Day focuses on introducing the wonder of engineering and the importance of technical literacy.

On February 16, hundreds of volunteers manned about 30 exhibits with interactive, mind-challenging 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 “finker.” Lesley Rosier-Tabor, P.E., West Virginia PE board executive director and Flinker exhibit volunteer explained: “A flinker neither floats nor sinks, but rather flinks in the middle of a tank of water. Whether the children were engaged for 2 minutes or 20, each walked away with a better understanding of buoyant forces and engineering design, all the while having a little fun as well.”

NCEES also used the Family Day event to introduce children to surveying. Donning NCEES hardhats and safety vests at the X Marks the Spot exhibit, children got a lesson on pacing, measurement, and direction from NCEES President Gene Dinkins, P.E., P.L.S., and Committee on Examinations for Professional Surveyors chair Tom Orisich, P.L.S. The children then put their new skills to use to navigate the museum and find the X.

“This is a great opportunity to combine our engineering and surveying outreach efforts and get students across the country thinking about how engineering and surveying are critical to our communities, now and in the future.”



*Howard Gibbs, P.E., of the District of Columbia board (right), discusses buoyancy with student Flinker designers at the Discover Engineering Family Day while West Virginia PE board executive director Lesley Rosier-Tabor, P.E., (center) lends a hand with Flinker construction.*

“This was a clever, hands-on activity,” Orisich said. “How to use a compass, follow directions—those are lessons the children can use throughout their lives. But also, talking with them in my jeans and work shirt, I could introduce them to surveying and another outlet to use their STEM skills. As a professional surveyor, I may be good at math, but I don’t have to sit at a desk all day.”

## Future City Competition

Family Day was just the start of the week-long celebration. NCEES leadership and staff 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. For this year's theme, Rethink Runoff, student teams focused on designing clean solutions to manage stormwater pollution. More than 35,000 students from 2,200 teams competed in regional competitions across the country. The winners of those 36 regional competitions won the opportunity to compete at the national finals.

Dale Jans, P.E., NCEES Immediate Past President and 2013 EWeek chair, served as a celebrity judge for the finals. President Dinkins, Executive Director Jerry Carter, and Associate Executive Director Davy McDowell, P.E., were preliminary judges. Dinkins and Orisich served as judges for a special award, Best Land Surveying Practices. Dinkins, Carter, and McDowell presented the award, along with the Best Essay award, which NCEES also sponsored this year.



*Judy Wortkoetter, P.E., shares her path to becoming an engineer with A.J. Whittenberg Elementary students on Introduce a Girl to Engineering Day. NCEES staff organized the local Girl Day event to celebrate EWeek with students near the organization's Clemson, S.C., headquarters.*

“We’ve offered the national award for best land surveying practices since 2004, but this year, we were able to expand that award and provide professional surveyors to judge at the regional competitions,” Dinkins said. “This is a great opportunity to combine our engineering and surveying outreach efforts and get students across the country thinking about how engineering and surveying are critical to our communities, now and in the future.”

Valley Middle School in Oakland, New Jersey, won the national grand prize for its city, Byen Vann. Veritas Homeschooler in Gilbert, Arizona, and Queen of Angels School in

Willow Grove, Pennsylvania, earned second- and third-place honors, respectively. St. Thomas More Catholic School from Baton Rouge, Louisiana, won the national Best Land Surveying Practices award, and West Ridge Middle School from Austin, Texas, won the Best Essay award.

**Introduce a Girl to Engineering Day**  
NCEES staff returned from the festivities in Washington, D.C., just in time to host an Introduce a Girl to Engineering Day activity at A.J. Whittenberg Elementary School in Greenville, South Carolina, near NCEES headquarters. On February 21, local female professional engineers ate breakfast with 29

*continued on page 7*

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## COMMITTEE FOCUS

WILLIAM DEAN, P.E.  
ACCA CHAIR

# Attending annual meetings is important for new members and administrators

**T**he Advisory Committee on Council Activities was charged this year to study the impact of the NCEES funding associated with the first-time attendees of the annual meeting. At the 2010 annual meeting, the Council voted to amend Financial Policy 3, Travel Expenses,

of these board members early in their appointed terms allowed for an informed understanding of NCEES and its mission and, in time, may influence them to take on leadership roles in NCEES.

Some boards had to deny eligible newly appointed members the opportunity to attend because they had multiple members who fit the funding criteria. In a few cases, the entire board membership changed in a single year. All new members should have the opportunity to participate in an annual meeting, thus exposing them to the mission of NCEES early in their tenure. Therefore, ACCA recommends that NCEES provide funding for all newly appointed member board members (within 24 months of appointment) attending the annual meeting for the first time.

Some of our boards include non-engineers and non-surveyors, such as public members and members of other professions. Even though these members are less likely to have a long-term involvement with NCEES, there are benefits to having these members better understand NCEES and its mission for the engineering and surveying professions. Therefore, the committee does not propose limitations on funding for non-engineers or non-surveyors.

Likewise, having new administrators attend the annual meeting would definitely benefit them, their boards, and NCEES as a whole. Therefore, ACCA also recommends providing funding for all newly appointed member board administrators (within 24 months of hire) who are attending the annual meeting for the first time.

### Proposed financial policy change

ACCA felt strongly about this issue, and to avoid delays in implementation, the committee forwarded its recommendation to the 2012–13 Committee on Finances so that any financial policy changes it proposed could be voted on at the upcoming annual meeting. The Finance Committee concurs with the ACCA recommendation and will present a motion at the 2013 annual meeting to amend Financial Policy 3 to provide funding for all newly appointed member board members and administrators (within 24 months of appointment or hire) who are attending the annual meeting for the first time.

If the Finance Committee motion passes, the expanded funding for newly appointed members and administrators would take effect with the 2014 annual meeting in Seattle, Washington.

Full committee and task force reports will be published in the *Action Items and Conference Reports*, which will be available in July.

to pay the travel expenses and registration fee of one first-time attendee from each member board to the annual meeting.

Our initial research centered around the results of a survey of the 49 funded first-time attendees at the 2011 and 2012 annual meetings. The survey provided positive feedback, as would be expected, but it also indicated that the benefits of attending the annual meeting extended beyond the individual. Attending helped them understand the role of NCEES in the licensure process and how NCEES supports its member licensing boards. The education



DAVID WHITMAN, PH.D., P.E.  
ENGINEERING SURVEYS TASK FORCE CHAIR

## Engineering surveys: Purview of P.E., P.S., or either?

**S**ection 110.20 A.5 of the NCEES *Model Law* allows professional engineers to perform engineering surveys, defining these as “all survey activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineered projects, but excluding the surveying of real property for the establishment of land boundaries, rights of way, easements, and the dependent or independent surveys or resurveys of the public land survey system.”

The overlap of rights from one profession to the other is not uncommon and creates what one might call “incidental practice” by one professional in an area that might more traditionally be reserved for another profession. For example, the interactions between professional engineers and licensed architects or geologists are not always clearly defined. This overlap can, and has, created animosity between the conflicting professions about who actually has the right to complete the work product.

At the 2012 NCEES annual meeting, the Rhode Island surveying board presented a motion that, if accepted by the Council, would have eliminated the language in the *Model Law* definition of the practice of engineering that allows engineering surveys to be completed by licensed engineers. This type of surveying is generally associated with engineering construction projects.

In lieu of moving the motion forward, President Gene Dinkins, P.E., P.L.S., created the Engineering Surveys Task Force to study the issue, with membership balanced between P.E.s, P.S.s, and dual licensees.

### Modifying, not removing

After much discussion, the task force agreed that this is not the time to eliminate the ability for properly trained licensed engineers to complete “surveying incidental to the practice of engineering (the task force’s proposed new description of engineering surveys), but it will propose changes to the *Model Law* to emphasize that appropriate education and experience are needed to competently perform these surveys.

The task force decided against removing this provision from the definition of engineering for several reasons.

A February 2012 poll of civil engineering department heads indicated that over 70 percent of civil engineering curricula still require at least one course in surveying and that in 43 percent of the civil engineering programs, students can—and do—eventually take enough surveying courses to qualify to take the FS exam in their jurisdiction. While just taking a few surveying courses is certainly not an adequate level of education to guarantee that professional engineers will be competent to perform surveying incidental to the

practice of engineering, it does indicate that a majority of civil engineers are still receiving the basic level of educational training in surveying. Additionally, options for engineers to pursue surveying educational opportunities have expanded (for example, through online offerings).

Within the professional practice domain, licensees regularly respond to qualifications-based selection (QBS) solutions as a matter of routine quality assurance and ethical practice. The QBS method is consistent with jurisdictional code of conduct statutes. QBS ensures protection of the public through demonstration of qualifications and competence by the responding professionals. QBS is the standard through which professional practice is measured.

Professional engineers are bound by *Model Rules* 230.20, Experience, and 240.15, Rules of Professional Conduct. Both reinforce the principle that the professional engineer must be competent to complete the assigned work.

Having said that, the task force did agree that the language in the *Model Law* needs to be strengthened to emphasize that professional engineers must have the appropriate education, training, and experience to competently perform surveying incidental to the practice of engineering. This will be the basis for the task force’s motion presented at the NCEES annual meeting in August.

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JERRY CARTER  
NCEES EXECUTIVE DIRECTOR

## HEADQUARTERS UPDATE

# NCEES emphasizes public protection during EWeek outreach

Being lead society sponsor gave NCEES a great opportunity to promote the importance of licensure in both engineering and surveying.

**N**CCEES was privileged to serve with Lockheed Martin as a lead sponsor of Engineers Week 2013. Although NCEES is a long-time supporter of EWeek, this was our first opportunity to serve in this lead role.

Immediate Past President Dale Jans, P.E., served as EWeek steering committee co-chair. He worked with Nina Norris, our director of public affairs, and the staff of EWeek and Lockheed Martin to plan programs to ensure this year's event was a success. I think by all measures, EWeek 2013 was just that.

This year was also my first opportunity to attend some of the national events in Washington, D.C. (See the EWeek article beginning on page 2 for more details about the NCEES celebrations.) For me, participating in these events was a rewarding and energizing experience.

NCEES sponsored two great hands-on activities at Discover Engineering Family Day on February 16. At the Flinker exhibit, children and parents got a fun—and sometimes wet—lesson in buoyancy. And our surveying exhibit, X Marks the Spot, was a big hit. Just short of 10,000 people attended Family Day, and I'm confident most of them visited this exhibit. It was gratifying to see so many kids with NCEES hardhats and safety vests around the National Building Museum.

Serving as a judge at the Future City Competition finals on February 19 was a real honor for me and the other judges representing NCEES. As I listened to these middle-school students talk

about their designs and their plans for stormwater management, I was amazed by their ingenuity. The effort that they, their teachers, and engineering mentors put into preparing for this competition was impressive.

### A year-round initiative

Although the title implies that EWeek lasts just one week, the Engineers Week Foundation sponsors outreach initiatives throughout the year.

President-Elect Patty Mamola, P.E., participated in one of these on March 7. She moderated a panel discussion for the Global Marathon for Women in Engineering and Technology, a three-day online forum that focuses on uniting and supporting women in these fields. As NCEES' first female president-elect, Patty was a great ambassador for this organization at this global event.

Visit the National Engineers Week Foundation website, [eweek.org](http://eweek.org), to learn more about future outreach events and initiatives.

Being lead society sponsor gave NCEES a great opportunity to promote the importance of licensure in both engineering and surveying. Our logo was highly visible, and we took every opportunity afforded to us to talk about how the engineering and surveying professions protect the public. I was energized by the EWeek volunteers and especially the kids. I left assured that our future is in good hands with all of the creative and inquisitive young people I met during EWeek.

## E WEEK

*continued from page 3*

fourth-grade girls, talking about their path to becoming an engineer and—keeping with the EWeek theme—why engineering is awesome. Then, the students got a lesson in Newton’s third law of motion as they worked in teams to build and race balloon rockets and learned about the different types of engineers that play a role in designing and launching real 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 real people doing extraordinary things to make our lives better,” Carter said. “It really capped off an exciting, rewarding week of outreach efforts.”



*EPS Chair Tom Orisich, P.L.S., a member of the Maryland PS board, teaches Boy Scouts how to use their NCEES compass before sending them off to navigate the National Building Museum at Discover Engineering Family Day.*

## DOUBLE STANDARD

*continued from cover*

Texas, and Wyoming contain similar language, indicating that faculty licensure is required if the laws are strictly enforced. The Wyoming Board of Registration apparently goes further to “require that the dean of the College of Engineering and Applied Science at the University of Wyoming be a licensed P.E.”

Certain disciplines, such as software engineering, have not historically emphasized licensure, but that is changing. As *Today’s Engineer* reported early last year, “Nine states are moving legislation that will require licensure of software engineers, and it is expected that, eventually, every other U.S. state and territory will follow suit.”

What about those faculty who are mainly focused on research and development? To the extent that the R&D involves the practice of engineering (applied research and development, not the basic or fundamental research that is focused on advancing the science) and thereby can affect public health, safety, and welfare, the answer seems clear—they should be licensed or on the path to licensure.

Ideally, academia should take the lead, regulate itself, and encourage all current and new faculty members to obtain licenses. But if schools themselves fail, it would be up to professional societies and NCEES to encourage states not only to require faculty licensure but, once enacted, enforce the law.

Raising the stature of engineering begins with winning the respect of the public. Americans should be assured that those preparing future engineers to be responsible for public safety are equipped to set an example.

*Rob Lang, P.E., is a former dean and professor of civil engineering at the University of Alaska Anchorage.*

*Kirankumar Topudurti, P.E., is deputy director of the Engineer Research and Development Center-Construction Engineering Research Laboratory, U.S. Army Corps of Engineers and an adjunct faculty member at the Illinois Institute of Technology.*

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DONNA SENTELL, LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD EXECUTIVE DIRECTOR

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

# Boards prepare for computer-based testing at BPA

Visit [ncees.org/CBT](http://ncees.org/CBT) to read the latest CBT news and to sign up for email updates.

**M**uch of the recent NCEES Board Presidents' Assembly, held February 8–9 in Atlanta, focused on computer-based testing for the FE and FS exams. In a nutshell, CBT is almost here, but there are still details for member boards to finalize. The BPA gave the attending board presidents and administrators—representing 62 jurisdictions—a chance to discuss the details with NCEES staff and each other.

Registration will open November 4, 2013, for the computer-based FE and FS exams and the April 2014 administration of the PE and PS exams, which will remain in pencil-and-paper format for now. FE and FS candidates can schedule appointments at Pearson VUE testing centers across the country as early as January 2, 2014.

### Approval model options

For CBT registration, jurisdictions will have to select an approval model for their FE and FS applicants: automatic approval or manual approval. For the automatic model, boards will predetermine which applicants may register with NCEES without prior approval. A member board could allow all FE and FS applicants to register with NCEES without prior approval, or the board could limit this option to applicants who are enrolled in or are graduates of ABET-accredited programs. The manual approval model will require all candidates to be approved by the member board prior to registering with NCEES. Boards will not have to choose the same approval model for all exams.

In jurisdictions using automatic approval, candidates who have passed the FE or FS exam and graduated from college must then apply to a licensing board for intern certification. Boards will still have the authority to approve or deny these applicants based on the requirements of their jurisdiction. The process has changed from *applying to taking an exam* to *applying to be certified*.

As you review your statutes and administrative rules, be sure to review the regulatory requirements for language that refers to applying to take an exam as opposed to applying to be certified as an intern.

### CBT checklist

The Committee on Member Board Administrators recently developed two checklists to help boards make final preparations for the CBT transition and communicate changes to examinees and other affected parties. These are posted on the My NCEES section of [ncees.org](http://ncees.org) (see CBT Information Center under Board Resources).

There are important issues for boards to address to prepare themselves and their licensure candidates for CBT. I encourage you to use the various resources NCEES provides to help with the transition.





## Communicating with others advances NCEES

**M**eetings of our committees, the board of directors, plus our zone and national meetings—the NCEES calendar stays quite full addressing the issues of this organization. Recently, NCEES participated in a couple of important meetings with other professional organizations as well. While there was still much discussion of NCEES initiatives, these meetings afforded us a valuable opportunity to hear from others outside our organization.

President-Elect Patty Mamola, P.E., Executive Director Jerry Carter, Associate Executive Director Davy McDowell, P.E., and I traveled to New Orleans to attend the annual meeting of the Interprofessional Council on Registration on February 23.

ICOR is composed of NCEES and its counterparts for the professions of architecture and landscape architecture: the National Council of Architectural Registration Boards and the Council of Landscape Architectural Registration Boards.

The meetings of ICOR give the leadership of these three organizations an opportunity to learn from one another and discuss issues of mutual interest. In addition to hearing about each other's current initiatives, we discussed issues such as legislative trends, the future of licensure, member engagement, and exams, including computer-based testing and administering exams outside

the United States—all key areas of concern for NCEES. The professions of engineering, surveying, architecture, and landscape architecture face similar issues, as do our national councils. At these meetings, our organizations can discuss our common concerns and learn from each other.

The annual meeting of the Participating Organizations Liaison Council was held March 9 in Atlanta. The meeting provided an excellent opportunity for NCEES and the other 25 member organizations to update each other on our respective initiatives, discuss topical issues, and clarify any necessary points.

I reported on the Council's activities, and President-Elect Mamola discussed planned initiatives for her presidency. Associate Executive Director McDowell also led a presentation on our transition to computer-based testing for the FE and FS exams.

It's important to communicate with the leaders of other engineering and surveying organizations not only to inform them about our initiatives but also to listen to their ideas and concerns.

Both of these meetings were valuable opportunities for NCEES to work with other professional organizations and strengthen our relationships. We face some big issues, and these meetings gave us time to listen to and learn from each other.

It's important to communicate with the leaders of other engineering and surveying organizations not only to inform them about our initiatives but also to listen to their ideas and concerns.

## Member boards: Not all are created equal

While NCEES has a keen interest in promoting uniformity, each U.S. state and territory has sole discretion regarding the makeup and responsibilities of its particular board.

Since its founding in 1920, NCEES has been striving for uniformity and cooperation among its member licensing boards.

Licensure mobility thrives on commonality and consistency, without which there would be no comity licensure. In addition, the NCEES *Model Law* and *Model Rules* provide a road map encouraging such unity.

Given our focus on promoting common practice, one may justifiably conclude that all member boards share a common board makeup, equal staff availability and responsibility, and generally similar management.

In reality, the structural makeup and operational features of each member board are not bound by NCEES mandate regarding commonality. Each member board must “dance to the tune” of its particular state oversight—oversight that includes prevailing statutes/regulations, legislative direction, and of course, the pleasure of its sitting governor—all of which can change the board’s internal dynamics at any time. It makes commonality and stability a perpetual moving target within each board, not to mention presenting a significant challenge to NCEES to balance the union.

While NCEES has a keen interest in promoting uniformity, each U.S. state and territory has sole discretion regarding the makeup and responsibilities of its particular board. These include professional membership, administrative staff, and investigative and law enforcement support.

I will illustrate with the board that I am most familiar with, Alaska. Until recently, the Alaska board regulated six engineering branches (civil, mechanical, electrical, chemical, mining, and petroleum), plus the professions of land surveying, architecture, and landscape architecture. The board was served by an administrative staff of up to four members and a law enforcement/investigative staff of two full-time and one part-time employees.

Today, we still regulate these four professions, but this now includes 15 branches of engineering. Unfortunately, as the span of responsibilities has increased, the number of administrative and professional staff has decreased. Our administrative staff is down to two members, an executive administrator and one licensing examiner. Our law enforcement staff is now one part-time investigator who serves six additional boards. Our board membership remains the same at 10 members plus one temporary, nonvoting member representing landscape architecture.

How does your board compare with Alaska or with your border states? What are the similarities and differences? Specifically, focus on the differences—that’s the challenge. Promoting uniformity is a key part of the mission of NCEES, and rightly, it remains a priority. But to work toward commonality, we must recognize the different environments that each member board is working in. Each board is susceptible to change, moving the goalpost for common practice that we’re all working toward.

# UPCOMING EVENTS

## April 3-6

PE Chemical Exam Meeting  
Clemson, South Carolina

## April 4-6

Central/Southern Zone Interim Meeting  
Biloxi, Mississippi

## April 12-13

Exam Administration

SE Exam Meeting  
Clemson, South Carolina

## April 18-20

Western Zone Interim Meeting  
San Francisco, California

## April 19-20

PE Mechanical Exam Meeting  
Clemson, South Carolina

## April 26-27

PE Civil Exam Meeting  
Clemson, South Carolina

## May 2-4

Northeast Zone Interim Meeting  
Cape May, New Jersey

## May 3-4

FE Exam Meeting  
Clemson, South Carolina

## May 5-6

Board of Directors Meeting  
Atlantic City, New Jersey

## May 13-14

PE Software Exam Cut-Score Meeting  
Atlanta, Georgia

## May 17-18

PS Exam Cut-Score Meeting  
Clemson, South Carolina

## May 18-19

PE Industrial Exam Cut-Score Meeting  
San Juan, Puerto Rico

## NCEES outreach

**April 4-7 NAESC** Illinois SE board member Nancy Gavlin, P.E., S.E., will represent NCEES at the National Association of Engineering Student Councils conference at the University of Illinois at Urbana-Champaign. She will give presentations on the transition to computer-based testing and the value of licensure.

**April 12-13 ABET Symposium** NCEES past presidents John Steadman, Ph.D., P.E., and David Whitman, Ph.D., P.E., and exam development volunteer Steven Barrett, Ph.D., P.E., will travel to the ABET Symposium in Portland, Oregon, to give a presentation on using the FE exam for effective outcomes assessment. NCEES staff will also attend to answer questions about this topic as well as the FE and FS exams' move to computer-based testing.

**May 2-4 Structures Congress** NCEES staff will attend the Structural Engineering Institute of ASCE conference in Pittsburgh, Pennsylvania, to promote the Records program and answer questions about the transition to computer-based testing.

**May 21-24 JETC** NCEES staff will attend the Society of American Military Engineers Joint Engineer Training Conference and Expo in San Diego, California, to promote licensure and the Records program and to answer questions about the transition to computer-based testing.

## Member Board News

**DELAWARE PE** Mark Mallamo and Theodore Thomson are new appointees. Emeritus member Carmine Balascio has been reappointed to the board as a member. Zachary Crouch, Robert Leitsch, and Annette Shine are no longer members, and John Billingsley is no longer an emeritus member.

Emeritus member and past board chair Eugene Snell died on March 8. Snell served on many NCEES committees from 1990–2005, including the Committee on Finances, and received the NCEES Distinguished Service Award in 2000.

**ILLINOIS SE** Member and NCEES Past President Gene Corley, Ph.D., P.E., S.E., died March 1 (see page 12).

**NORTH CAROLINA** Richard (Mike) Benton is a new appointee.

**OREGON** Wayne Reitz and Thomas Van Liew are new appointees.

**SOUTH CAROLINA** Johnny Johnson is a new appointee. Chuck Joye is no longer a member.

**UTAH** Stephen Duncombe is the new board administrator, replacing Richard Oborn.

Gene L. Dinkins, P.E., P.L.S.  
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Columbia, South Carolina

Dale A. Jans, P.E.  
*Immediate Past President*  
Sioux Falls, South Dakota

Patty L. Mamola, P.E.  
*President-Elect*  
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*Executive Director*  
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## Remembering past president Gene Corley

**N**CEES past president and distinguished structural engineer William Gene Corley, Ph.D., P.E., S.E., passed away on March 1, 2013, at the age of 77.

Corley was the 2007–08 NCEES president and 2002–04 Central Zone vice president. He served on numerous NCEES committees and task forces from 1995 to present; he was currently a member of the Mobility Task Force. Corley had been a member of the Illinois Structural Engineering Board since 1993 and was a former board chair. For his contributions to the Council, his board, and the engineering and surveying professions, he received the NCEES Distinguished Service Award in 2000.

Corley was senior vice president of the CTL Group in Skokie, Illinois. A leading expert on analyzing buildings damaged by natural and man-made disasters, he led investigations into some of the most high-profile building failures in recent history, including federal investigations of building performance following the September 11, 2001, attacks on the World Trade Center and the 1995 bombing of the Murrah Federal Building in Oklahoma City.

A fellow of the American Society of Civil Engineers and the American Concrete Institute, Corley was also a past president of the National Council of Structural Engineers Association. In 2000, he was elected to the National Academy of Engineering for his leadership in raising the standards of the engineering profession for the construction of buildings and bridges.

Corley is survived his wife, Lynd, his three children, and nine grandchildren.

