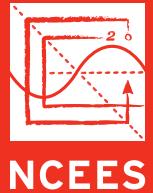


Licensure EXCHANGE

JUNE 2014

Volume 18, Issue 3



DOUGLAS COOLEY, P.E.
PUBLIC OUTREACH/
COMMUNICATIONS
TASK FORCE CHAIR



COMMITTEE FOCUS

HELP US INTRODUCE NCEES TO SEATTLE

WHEN PATTY MAMOLA, P.E., ACCEPTED THE OFFICE of president, she challenged all of us to join her in focusing on the who, what, and where of engineering and surveying. The “what” in her challenge addresses our need to communicate to the public what it is we do as engineers and surveyors; the “who” addresses the misperceptions of who can be an engineer or surveyor and the need for more diversity within our profession; and the “where” addresses the borders we cross to work, or mobility.

Based on these priorities, many of the 2013-14 Public Outreach/Communications Task Force charges focused on identifying ways to increase public awareness about the value of licensure and to educate the public on how our professions contribute to the world around us.

Engineering and surveying weekend

One charge directed the task force to assist NCEES staff in the coordination, promotion, and implementation aspects

of an event to promote the engineering and surveying professions and the benefits of licensure during the 2014 NCEES annual meeting in Seattle, Washington. As a result, NCEES has partnered with Pacific Science Center to host a two-day event during the annual meeting.

On Friday, August 22, and Saturday, August 23, NCEES and Pacific Science Center will host Engineer It Weekend for the Seattle community. The event will follow a format similar to the Science Center’s popular Research Weekend events, which have been bringing local professionals and researchers together with the public to discuss, demonstrate, and explore their important work for more than seven years.

By partnering with the Science Center and the local engineering and surveying community, dozens of hands-on educational activity stations, shows, and performances will be interspersed throughout Pacific Science Center’s exhibit halls and courtyards. Pacific Science Center’s Engineering Van will greet attendees when they arrive at the gate and take them on a journey through the exciting and important fields of engineering and surveying. Each attendee will receive a passport of available activities directing them to the varied exhibits and have the opportunity to have it stamped by a professional engineer or surveyor, which will qualify them to receive a take-home memento of their experience. Author, TV host, and mechanical engineer Nate Ball will demonstrate the Ascender, a rope climbing device he invented that is used by soldier and rescue workers. Engineer It Weekend will be a great opportunity to show the children of Seattle and their parents some of the exciting, innovative ways engineers and surveyors are making a difference.

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NINA NORRIS
NCEES DIRECTOR OF PUBLIC AFFAIRS

First NCEES-sponsored EWB-USA grants awarded

Each chapter will use \$5,000 grant to improve lives of others through engineering

THE WINNERS OF THE FIRST NCEES-sponsored Engineers Without Borders-USA project grants have been announced, with the University of Colorado Boulder student chapter and the Philadelphia professional chapter each receiving \$5,000 to support current projects.

The University of Colorado Boulder student chapter will apply the \$5,000 award toward the overall funding necessary to implement its spring source protection project at Jhor Dhara this summer. Once complete, the project will provide a catchment tank to allow a more dependable water source during the dry season and a spring protection system to reduce water contamination. It's estimated that the improvements will enhance the lives of over 34,000 people.

The Philadelphia professional chapter program will apply its \$5,000 award toward the overall funding necessary to implement a water distribution system in Las Delicias, El Salvador. The system will provide a more evenly distributed water supply and help temper the current hoarding culture and its resulting illnesses. Once complete, it's estimated that the improvement will enhance the lives of almost 5,000 people.

To be eligible to receive an NCEES-sponsored grant, the project team mentor must be a P.E. or P.S. and the result and project must protect the health, safety, and welfare of the public. Preference is given to

teams that represent multiple disciplines. Combined, the first two winning teams include several P.E.s and a P.S. and represent eight engineering disciplines.

EWB-USA is a fast-growing organization and ideal partner in our efforts to increase academia, student, corporate, and government understanding of the value of employing licensed engineers and surveyors. Founded in 2002 with eight engineering students and one engineering professor, today it boasts a membership of almost 14,000 students, faculty, and professionals who represent over 300 active chapters throughout the country.

Its program model is based on delivering practical engineering solutions that provide members the opportunity to apply the technical knowledge learned in the classroom to real-world situations, under the guidance of professional mentors.

For a mentor to serve as a project's responsible engineer in charge (REIC), he or she must meet certain qualifications depending on the project's potential impact of failure. A licensed engineer must serve as the REIC if failure of the project could result in death, severe illness, injury, or significant damage of property. Based on average EWB-USA participation numbers and project types, over 2,000 engineering students working are currently under the guidance of a licensed engineer.

To describe the outcomes associated with engineering students and professional mentors working together to complete a project, EWB-USA uses phrases like "moving from coursework to context," "narrowing the knowledge gap through additional experience," "transformational education," and "networking across disciplines and across generations." In other words, this project-based program model is better preparing engineering students to be successful in their careers while demonstrating the value that licensure brings to engineers, employers, and most importantly, the public.

The partnership with NCEES and EWB-USA is just beginning. In addition to the project grants that are awarded twice a year, EWB-USA has many other opportunities that will allow NCEES to promote the value of licensure to students, faculty, unlicensed engineers, engineer interns who may need extra encouragement to complete the path to licensure, and the public.

Learn more about EWB-USA at ewb-usa.org.

FROM THE PRESIDENT



PATTY MAMOLA, P.E.
NCEES PRESIDENT

It's time to find new ways to get more women in engineering and improve diversity

AT MY FIRST NCEES BOARD OF directors meeting as president last August, Dan Wittliff, P.E., immediate past president of the National Society of Professional Engineers, spoke of his challenge to the Society of Women Engineers to increase the number of women in engineering to 30 percent by 2030. He encouraged me and NCEES to work with NSPE and SWE to develop new strategies to meet this goal—not to keep doing what we've been doing (because it's obviously not working) but to take a fresh look and come up with new ideas.

At the recent zone interim meetings, the Advisory Committee on Council Activities presented a proposed diversity statement—a first for NCEES—which you will have the opportunity to adopt at our annual meeting in Seattle in August. At the joint Central/Western Zone meeting, one of the delegates pointed out that while it is progress to have a diversity statement, it's also important to be able to measure how we're doing. He's absolutely right. At the board meeting following that zone meeting, we discussed the need to benchmark where we currently stand with regard to diversity. Once we have benchmarks, we can then identify the goals and develop a plan to work toward them.

Last month, I had the opportunity to attend the Engineers Canada annual meeting in St. John, New Brunswick, Canada. Engineers Canada is very similar to NCEES; it is the regulator for the engineering profession in Canada. For the past four years, it has focused on increasing the number of women in engineering. Its goal is for women to make up 30 percent of engineering graduates by 2030.

I was impressed by two things that I saw at the meeting related to Engineers Canada's efforts to promote women in engineering. The first was an awards luncheon that recognized young women selected for scholarships. The scholarship winners were chosen, not based on their academics, not on their GPAs, but on their involvement and their achievements related to engineering. Even though they were selected, they could not receive the scholarship money, ranging from \$5,000 to \$15,000, until they performed community outreach at their local high schools by speaking to students about becoming an engineer. What a great way to increase the return on the initial investment!

The second thing that impressed me was two unique, interesting awards presented at the Engineers Canada Awards Gala.

Our efforts in this area will help us improve diversity in other areas.

The first is the Award for the Support of Women in the Engineering Profession, which recognizes a person who is well-known as a champion for women in engineering. The second award is the Gold Medal Student Award. This award is given to an engineering student who has exhibited outstanding leadership or is recognized by his or her professors or peers as having the potential to make significant contributions to the engineering profession. Both of these awards provide excellent opportunities to promote engineering.

I think it's time that we stop talking about diversity and begin taking action. Like our counterparts in Canada, let's start with a goal of increasing the percentage of women engineering graduates to 30 percent by the year 2030.

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KRISTA KESTER
NEBRASKA BOARD OF ENGINEERS
AND ARCHITECTS MEMBER

Committee addresses use of confidential information for personal profit

FEW WOULD CONTEST THE CONCLUSION THAT unethical conduct is rampant among today's politicians, public figures, and professionals. Rarely a day goes by that is not marked by the revelation of yet another scandal involving someone in a position of trust. Whether this disappointing state of affairs is a new low or is simply now exposed by our 24/7 news media is open for debate.

What is undeniable is that members of our society push up against the rules that are in place to govern their conduct. The simple rules of "be nice" and "be fair" are obviously not enough to keep some people in line.

This rather sad situation has led NCEES to consider an addition to the *Model Rules* that would specifically prohibit licensees' use of confidential information gained through their professional engagements or activities for personal profit without the express consent of the client or employer. The underlying rationale is that such use could be detrimental or adverse to the interests of the client or employer.

A restriction on the use of confidential information follows the spirit of the existing prohibition on the unauthorized disclosure of confidential information. Virtually all professional ethical standards prohibit the disclosure or use of a client's confidential information without the client's express consent. Indeed, *Model Rules* 240.15 B.4 expressly prohibits such disclosure by professional engineers and licensed surveyors absent the client's consent (or as required by the law).

The existing rule does not, however, address a licensee's use of such information. For instance,

Professional Surveyor (P.S.) is engaged to prepare a survey of Client's Parcel 1. During the course of the engagement, Client requests that the survey be prepared in a specific manner because she intends to purchase adjoining Parcel 2 in approximately five years for a development that requires both parcels. Based upon that information, P.S. subsequently purchases Parcel 2, anticipating Client's future development plans.

There should be little question that such self-dealing is unethical. Yet, the *Model Rules* does not address this particular type of scenario. PS has not violated *Model Rules* 240.15 B.4 because P.S. did not disclose or reveal the information. Rather, he acted upon the information for his personal gain.

Accordingly, the 2013–14 Committee on Law Enforcement took the view that the use of confidential information obtained from a client or employer should be expressly prohibited absent the client or employer's express consent in the same way that disclosure of confidential information is restricted.

This rule is not intended to restrict a licensee's use of general information relating to engineering or surveying that is obtained or acquired through the course of an engagement. Rather, the rule relates to information of a confidential nature that is obtained by the licensee from a client, employer, or public agency by whom the licensee is engaged. Easy examples of confidential information include proprietary business affairs or technical processes and specialized knowledge relating to a particular situation or application.

Beyond these fuzzy boundaries, an exact definition of confidential information is difficult, if not impossible, to articulate. Nevertheless, the concept of confidential information should not be foreign to licensees because they are already required to protect it from unauthorized disclosure.

Broadly, confidential information is that which a client or employer would intend to be held in confidence. Sometimes such information will be expressly identified in writing or conversation as being confidential. More commonly, the licensee is called upon to use professional judgment to determine whether the client or employer would expect the information

to be public or private. If the latter, it must be treated by the licensee as confidential, and consent is required in order to disclose or use the information outside of the engagement or employment. If in doubt, a licensee should always err in favor of the client.

Full discussion of the Law Enforcement Committee's work on this charge will be included in the committee's report, which is included in the *Action Items and Conference Reports*. This document will be available on MyNCEES by July 1. The Council will vote on the proposed changes to *Model Rules 240.15 B.4* at the NCEES annual meeting in August.

COMMITTEE FOCUS

continued from cover



NCEES is partnering with Pacific Science Center to host an engineering and surveying weekend in Seattle. The August 22–23 event will coincide with the NCEES annual meeting.

Leading up to and during the event, NCEES will have multiple opportunities to communicate to the Seattle community about who we are, the work we do, and the professions we serve. Plans are in place to provide advertising through print, TV, and radio. Pre-event TV and radio interviews are scheduled for key event spokespeople, and event posters will be distributed throughout the area. Pacific Science Center will feature NCEES and promote the event to its membership base of more than 95,000 subscribers.

You're a part of it

I encourage annual meeting attendees to make travel arrangements that will allow you to participate in the event on

Saturday. You'll receive a special T-shirt to wear during the event, and transportation will be provided between the hotel and the Science Center throughout the day. Details will be provided prior to and during the meeting in Seattle.

I hope you'll join me and members of the Public Outreach/Communications Task Force at the Engineering It Weekend on Saturday, August 23. Together, we can advance licensure and inspire the children of Seattle to follow in our footsteps and become the next generation of professional engineers and surveyors.



JERRY CARTER
CHIEF EXECUTIVE OFFICER

Redefining the surveyor of the future

IN MY LIFE, I HAVE FOUND THAT many people tend to quote either Mark Twain or Yogi Berra. I have favorite quotes from both, but a favorite Yogiism is, “The future ain’t what it used to be.”

Over the past several years, we have seen a drastic reduction in the number of candidates taking both the Fundamentals of Surveying (FS) and the Principles and Practice of Surveying (PS) exams. Last year, the number of FS examinees was down just over 11 percent from the previous year, and PS examinees were down almost 5 percent. And as we look back in recent years, we can see the same trend of reduced numbers.

Many have contended that the demand for conventional surveying services has decreased as the result of a weak economy over the past several years, which undoubtedly has impacted the surveying profession in a negative way. Others maintain that technological advancements have altered the traditional role of the surveyor and will ultimately lead to the demise of the profession as we know it.

I know that many of you have heard the statistic that the average age of a professional surveyor today is somewhere between 57 and 60. That has appropriately raised concern about whether there will be an adequate supply of professional surveyors in the future. We have also heard that institutions with surveying programs are scrambling to maintain an adequate

student population to continue to justify their existence.

I feel that this situation offers significant opportunities for the surveying profession. I believe that rather than facilitating the demise of the surveying profession, new and advancing technology will provide significant opportunities for surveyors who adapt through continuous training and expand their practices beyond traditional activities. The future surveyor will need to diversify his or her practice and embrace new technology and social media to remain relevant. According to a paper issued by the International Federation of Surveyors, the profile of the surveyor of the future is “a geospatialist with social responsibilities.”

The drastic reduction in the number of examinees taking the NCEES surveying exams has been a topic of concern among members of the Council, and action is needed to continue to promote the surveying profession and the value of licensure. I am glad to report that President-Elect David Widmer, P.L.S., intends to create a task force to consider the future of the surveying profession and how NCEES can help reverse this trend and encourage more young people to enter this rewarding profession.

Surveying has a rich history in this country and an important role to play in its future. I look forward to the task force’s findings.

I believe that rather than facilitating the demise of the surveying profession, new and advancing technology will provide significant opportunities for surveyors who adapt through continuous training and expand their practices beyond traditional activities.

Saluting a true professional

I was saddened to hear of the recent death of NCEES Past President Paul Munger, Ph.D., P.E. Paul was a humble man, but his résumé revealed many achievements in his life. He was proud of his profession. Paul dedicated many hours to promoting licensure to any and all.

In my last conversation with Paul, several weeks before his death, he called to discuss a plan he was putting together to visit all of the engineering programs in Missouri to advocate licensure to all the students. Paul was a true professional to the end, and his presence and influence will be greatly missed.

Remembering Past President Paul Munger

NCEES Past President Paul Munger, Ph.D., P.E., passed away April 19 at the age of 82.

Munger was the 1983–84 NCEES president and 1980–81 Central Zone vice president. He was an emeritus member of the Missouri board and 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 1986.

Munger was professor emeritus of civil engineering at Missouri University of Science and Technology and director of business development for Morris and Munger Engineers. His civil engineering career, which spanned more than 50 years, included serving as an investigator into the 1981 collapse of the Hyatt Regency skywalks in Kansas City, Missouri, the deadliest structural collapse in U.S. history at the time.

A fellow of the American Society of Civil Engineers and the National Society of Professional Engineers, Munger was past president of the National Institute of Engineering Ethics, the National Council of Engineering Ethics, the Council of Engineering and Scientific Specialty Boards, and civil engineering honor society Chi Epsilon.

Munger's awards include the ASCE President's Award, the NSPE Distinguished Service and Distinguished Member awards, and the Missouri Society of Professional Engineers Presidential Award.

Munger is survived by his four children and nine grandchildren.





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

Are member boards serious about improving mobility for P.E.s?

PRESIDENT PATTY MAMOLA, P.E., charged the 2013–14 Committee on Member Board Administrators to work with the Mobility Task Force to define parameters to enable mobility between jurisdictions and make the process simpler, easier, and quicker for Model Law Engineers. It's no mystery to MBAs that the problem with mobility for professional engineers is that from the beginning, non-uniformity of licensure requirements has been a part of our licensure process, which is based on the states' rights to regulate the profession as each sees fit.

For decades, member boards have been discussing how to improve mobility. The one party who typically does not have a seat at the table on the subject of mobility are the P.E.s who have embraced the licensure concept and are actively practicing in today's global market. As MBAs, we talk to these P.E.s daily and are very aware of the real-life problems they face regarding mobility. Outside the high walls of NCEES and the member boards, thousands of P.E.s are adversely affected by licensure laws that act more as an impediment to practicing engineering across state lines rather than as measures to protect the public.

These P.E.s contact our state licensing boards daily and find it hard to accept that they could have met their jurisdiction's requirements at the time they were licensed in, say, 1984 and have practiced legally and

successfully for 30 years, yet are unable to obtain licensure as a P.E. in a neighboring state because 30 years ago that state had slightly different licensing requirements.

Based on our committee discussions, studies, and real-life experiences, the MBA Committee determined that this obstructive concept is the largest impediment to mobility. It is reflected in the *Model Law* language (130.10.C.1) regarding licensure as a professional engineer by comity, which is the basis for mobility, that states:

- a. Licensure by Comity
 - (1) An individual holding a certificate of licensure to engage in the practice of engineering issued by a proper authority of any jurisdiction or any foreign country, based upon requirements **that do not conflict with the provisions of this Act and possessing credentials that are, in the judgment of the board, of a standard not lower than that specified in the applicable licensure act in effect in this jurisdiction at the time such certificate was issued** may, upon application, which may include a Council Record with NCEES, be licensed without further examination except as required to examine the applicant's knowledge of statutes, rules and other requirements unique to this jurisdiction; or ..."

The MBA Committee is presenting a motion at the NCEES annual meeting to amend this language to allow a less obstructive approach to comity licensure that would not hinder mobility but would continue to fulfill the board's mission of public protection:

- a. Licensure by Comity
 - (1) An individual holding a certificate of licensure to engage in the practice of engineering issued by a proper authority of any jurisdiction or any foreign country, based upon requirements that do not conflict with the provisions of this Act and possessing credentials that are, in the judgment of the board, of a standard not lower than that specified in that provides proof of minimal competency and comparable to the applicable licensure act in effect in this jurisdiction at the time such certificate was issued may, upon application, which may include a Council Record with NCEES, be licensed without further examination except as required to examine the applicant's knowledge of statutes, rules and other requirements unique to this jurisdiction; or ..."

The follow-up to this recommendation is to then adopt *Model Rules* language to define what that minimal set of criteria should be to determine minimum competency for comity applicants. Factors that could be considered include the following:

1. Licensed in another jurisdiction for ___ years without disciplinary action; and/or
2. If requirements for licensure that were in effect at the time of original license would have been met; and/or
3. If the licensee can show proof of obtaining the required number of PDHs; and/or
4. Lack of criminal action

The MBA Committee feels that if this revised language in the *Model Law* and *Model Rules* was adopted by NCEES and embraced by member boards, mobility could truly exist among the boards. This mobility would be based on a set of criteria that is justifiable—allowing the boards to fulfill their statutory duties of safeguarding life, health, and property and promoting the public welfare—without putting an undue burden on highly qualified, licensed P.E.s.

Model Law Engineer 2020

The MBA Committee also identified an unresolved issue that should be addressed

immediately regarding the language that is currently in the *Model Rules* regarding the definition of Model Law Engineer 2020.

Please note that this is not a policy recommendation by the MBA Committee regarding the Model Law Engineer 2020 concept. The language in the existing *Model Rules* states that, effective January 1, 2020, to be considered a Model Law Engineer, an applicant must meet the requirements as defined in the definition of Model Law Engineer 2020, which requires a master’s degree in engineering or 30 additional hours as defined in the *Model Rules*. The following are unintended consequences of this current *Model Rules* language:

- Beginning January 1, 2020, the NCEES Records program will be required to use the 2020 criteria to grant Model Law Engineer status to P.E.s.
- The language creates confusion among future P.E.s and educators about which Model Law Engineer educational requirements will apply to students who are currently in the education process or just beginning their education.

Until all the relevant parties agree on a definitive solution regarding the necessary education standards for preparing engineering graduates for entry into the engineering profession, the MBA Committee strongly recommends the proper authority or committee within NCEES deletes (or amends) the referenced *Model Rules* language to prevent these unintended consequences from negatively impacting P.E. licensure.

This mobility would be based on a set of criteria that is justifiable—allowing the boards to fulfill their statutory duties of safeguarding life, health, and property and promoting the public welfare—without putting an undue burden on highly qualified, licensed P.E.s.

FROM THE PRESIDENT

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Our efforts in this area will help us improve diversity in other areas. Diversity is necessary if we as engineers are going to increase the pool of possibilities of what can be created. I know that the NCEES board of directors is willing to expend some energy on this issue and that our strategic plan identifies diversity as a goal, but we are a

member-driven organization. Your support is needed so that, as an organization, we can develop a plan and act.

We will have an opportunity to talk about “30 percent by 2030” at our annual meeting. I hope you consider the idea. I look forward to seeing you in Seattle.

Seattle University wins 2014 NCEES Engineering Award

Electrical and computer engineering department takes \$25,000 prize for microgrid system

THE WINNERS OF THE NCEES

Engineering Award for Connecting Professional Practice and Education have been named, with the grand prize going to Seattle University Department of Electrical and Computer Engineering. The award jury met June 3, 2014, in Clemson, South Carolina, to select the \$25,000 grand prize winner.

The department received the top prize for its submission, *Microgrid System for a Wind and Solar Farm Located in Rural Kenya*. For the project, electrical engineering students worked as part of a team that also included faculty, professional engineers, and other professionals to design a hybrid wind- and solar-power microgrid system to provide electricity to a school and surrounding community in Muhuru Bay, Kenya.

The jury praised the project for its strong interaction with professional engineers as well as its applications for communities in the United States and abroad.

The jury selected five additional winners to receive awards of \$7,500 each:

- North Carolina State University
UNC/NCSU Joint Department of Biomedical Engineering
Creating a Better Way to Locate Vasculature for Intravenous Therapy
- Seattle University
Department of Civil and Environmental Engineering
Historic Landmark Incline Lift Structural Evaluation and Retrofit
- The Citadel
Department of Civil and Environmental Engineering
Wave Dissipation System



Chair Roger Helgoth, P.E., and other jury members review the entries for the 2014 NCEES Engineering Award competition. Thirty-seven entries from a variety of engineering disciplines competed for six awards.

- University of Evansville
College of Engineering and Computer Science
Fairfield Reservoir and Dam
- University of Notre Dame
Department of Civil and Environmental Engineering and Earth Sciences
Innovative Housing Solutions for Post-Quake Haiti

The NCEES Engineering Award recognizes engineering programs that encourage collaboration between students and professional engineers. EAC/ABET-accredited programs from all engineering disciplines were invited to submit projects that integrate professional practice and education.

“It is imperative that students preparing to enter the engineering profession understand the vital importance of technical competency and ethical practice,” said NCEES President Patty Mamola, P.E. “These projects are great examples of innovative ways to prepare students for professional practice. We hope they

will inspire other engineering programs to incorporate similar collaborations.”

In selecting the winners, the 11-member jury of NCEES members and representatives from academia and professional engineering organizations considered criteria such as

- Successful collaboration of faculty, students, and licensed professional engineers
- Benefit to public health, safety, and welfare
- Multidiscipline and/or allied profession participation
- Knowledge or skills gained

Seattle University will be honored at the upcoming NCEES annual meeting. Representatives from the winning project will receive the award on behalf of the university’s department of electrical and computer engineering at a luncheon on August 22.

NCEES is currently preparing for the 2015 award cycle, and entry information will be available in October. The 2014 NCEES Engineering Award Book will also be released this fall. More information on all of this year’s winning projects is available online at ncees.org/award.

MEMBER BOARD NEWS

LOUISIANA Alan Krouse and Scott Phillips are new appointees. James Bowie and Miles Williams are no longer members.

MICHIGAN PE Charles Hookham is a new appointee. George Karmo is no longer a member.

OKLAHOMA Monica Wittrock is a new appointee. Mark Fuller is no longer a member.

PENNSYLVANIA Joseph Mackey is no longer a member.

VIRGINIA Charles Dunlap and Christine Snetter are new appointees.

NCEES OUTREACH

JUNE 15-18 ASEE Annual Conference and Expo

NCEES past presidents David Whitman, Ph.D., P.E., and John Steadman, Ph.D., P.E., and NCEES exam development volunteer Steven Barrett, Ph.D., P.E., will attend the annual conference and exposition of the American Society for Engineering Education to lead workshops on using the FE exam as an outcomes assessment tool. NCEES staff will also be on hand at the Indianapolis, Indiana, event to answer attendees' questions about NCEES initiatives, including computer-based testing and the NCEES Engineering Award.

UPCOMING EVENTS

June 4-6 PE Naval Architecture and Marine Engineering Exam Meeting
Houston, Texas

June 5-7 SE Exam Scoring Workshop
Clemson, South Carolina

June 13-16 PE Nuclear Exam Meeting
Reno, Nevada

June 19-20 PE Architectural Engineering Exam Meeting
Kansas City, Missouri

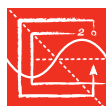
June 20-21 PS Exam Meeting
Clemson, South Carolina

July 18-19 PE Civil Exam Meeting
Clemson, South Carolina

July 25-26 FE/FS Exam Meeting
Clemson, South Carolina

July 31-August 1 PE Architectural Engineering Exam Meeting
Clemson, South Carolina

July 31-August 2 SE Exam Meeting
Clemson, South Carolina



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NCEES annual meeting registration open online until July 7

Registration is now open for the 2014 NCEES annual meeting, which will be held August 20–23 in Seattle, Washington.

In addition to the business sessions, where Council members will convene to decide key engineering and surveying licensure issues, the annual meeting agenda includes technical workshops, forums to discuss issues of importance to the professions, and social events to network with members and staff of other licensing boards. Those attending the meeting for the first time will meet at the First-Time Attendee Luncheon to get to know NCEES and some of the organization's leaders and to learn more about the important role the annual meeting plays in advancing licensure. The meeting will also feature a special Law Enforcement Program: three modules from the National Certified Investigator/Inspector Training. The meeting will conclude with the Engineering It Weekend at Pacific Science Center, a unique outreach event to introduce the Seattle community to NCEES, the work we do, and the professions we serve. (See page 1 for more details.)

Details of all of this year's workshops, business sessions, and social events are available on the MyNCEES section of ncees.org (see Board Resources, Annual Meeting). Registration will remain open online until July 7. Late registration fees will apply after this date.