

An official NCEES publication for the exchange of information, opinions,
and ideas regarding the licensure of engineers and surveyors



Headquarters Update

ARPL research illustrates the importance of licensure to businesses

DAVID COX | NCEES CHIEF EXECUTIVE OFFICER

IN EARLY OCTOBER, I ATTENDED THE ANNUAL CEO briefing of the Alliance for Responsible Professional Licensing (ARPL) in Washington, D.C., where I met with fellow leaders of national licensing associations to review ARPL activities and discuss important issues our professions are facing today, including the threat of anti-licensure legislation to public protection.

NCEES helped found ARPL in 2019 to forge a unified voice with other complex, technical professions that would safeguard licensure's ability to protect the public. Since then, attacks on licensure's public protections have evolved, from calls to completely erase licensure laws to bills aimed at weakening licensure under the guise of universal licensure, a one-size-fits-all approach that overlooks state differences and board processes.

Today, we are facing widespread attempts to compromise licensing requirements and strip member boards of their authority to regulate licensure. For example, we are seeing a push to hand over board decisions to an executive agency, which would undermine board experience and subject-matter expertise.

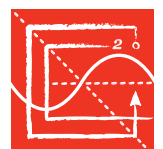
Some of these anti-licensure developments stem from lawmakers' efforts to ease workforce shortages that are happening now or are on the horizon. However, it is important that workforce shortfalls are not addressed at the expense of the public by weakening licensure requirements.

This year, ARPL conducted a study to illustrate the importance of licensure as viewed by businesses. This perspective is the missing link to a more thoughtful conversation with stakeholders on the consequences of deregulating licensure.

The study surveyed decision-makers at small- to mid-size businesses. The following are some highlights of the study's findings:

- 85 percent of respondents are worried about decreased confidence in the competence of professionals.
- 84 percent of respondents are worried about increased public exposure to physical and financial risks.

continued on page 3



FROM THE
PRESIDENT



LAURA SIEVERS, P.E.
NCEES PRESIDENT

Broadening our focus of advancing licensure
for engineers and surveyors

I HAVE REREAD OUR MISSION AND VISION STATEMENTS more now than ever before. Since the annual meeting, I have focused on the last part of our mission statement.

The mission of NCEES is to advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public by...coordinating with domestic and international organizations to advance licensure of all engineers and surveyors.

My very first Iowa board meeting was focused on advancing licensure—specifically for engineers and surveyors wanting to be licensed in our state. I was forced to dive headfirst into Iowa code, ABET accreditation, and the Washington Accord, an international agreement between bodies responsible for accrediting engineering degree programs.

Before my tenure on the board, Iowa was a stickler for requiring the same path for all licensed individuals. Then, a couple of years later, Iowa diverted from that path by decoupling, or removing the prerequisite that four years of progressive engineering experience be earned before a licensure candidate can take the Principles and Practice of Engineering exam.

Most recently, the state has changed its mindset yet again. Iowa code for licensure has a new eligibility: a person may seek licensure by verification if the person is licensed in at least one other jurisdiction that has a scope of practice substantially similar to that of Iowa.

I would say at first this was a hard way to look at verifications. With each new list of verification candidates, I have found peace in knowing that all of our U.S. jurisdictions are doing their due diligence in licensing competent, experienced, and ethical professional individuals.

This is another way to show our local and national leaders that our professional licensure is not limiting or a barrier. It is all of us—worldwide even—finding the same rigor to protect all in what we do.

I have now also broadened my focus of advancing licensure to include international organizations and have extended a helping hand to the International Engineering Alliance (IEA). In June 2023, I went to my first IEA meeting, with many other countries in attendance, including the signatories to the IEA accords and agreements that offer professional engineers pathways to practice their professions across numerous countries. Some countries use our examinations to test future professionals, and some have found other ways to find competent and experienced professionals.

The members of IEA are working hard to facilitate professional engineering mobility and to help more countries, businesses, and individuals provide their professional expertise worldwide or to a close neighboring country. This is why I am volunteering time to IEA. This is another way to show our local and national leaders that our professional licensure is not limiting or a barrier. It is all of us—worldwide even—finding the same rigor to protect all in what we do.

I want to thank the NCEES board of directors for its vote in supporting the request to budget a new position to focus on international matters. We are a leader in our examinations. There is a global demand for our professionals and for international professionals to provide expertise here. It is important to not place unnecessary barriers within our profession. Having a resource within NCEES focused on

international matters will be a benefit to us all and help us better fulfill the mission of NCEES.

My closing remark relates to the recent Council of Landscape Architectural Registration Boards meeting I attended. The keynote address was Generation THEM: Managing a multi-generational workforce. It was a great reminder for me that I am two generations past the current college student or our future professionals.

HEADQUARTERS UPDATE
continued from cover

- 79 percent of respondents are worried about higher insurance premiums associated with higher risks.
- 92 percent of respondents say licensing helps them assess qualifications accurately and make hiring decisions with confidence.
- 90 percent of respondents say licensing protects and enhances their businesses' reputations.

ARPL's research is a follow-up to a conversation that took place at the American Legislative Exchange Council's annual meeting last year on the importance of licensed individuals for businesses and the complexities of liability. Moving forward, we will continue our state-level engagement in mini-ARPLs, which saw success last session as several universal licensing bills were defeated.

Member board resources

ARPL resources for member boards, including our 2023 Business Leaders Survey, can be found on the ARPL website: responsiblelicensing.org.

To support member boards, NCEES and ARPL have created toolkits of advocacy resources aimed at educating local lawmakers on licensing requirements and the licensure process for engineers and surveyors. Presentations, webinars, talking points, templates, and more can be found at ncees.org/resources/advocacy.

Attacks on licensure will not stop, and they come from all sides of the political spectrum, although for different reasons. We must keep fighting the good fight to protect the public—a mission that should be at the forefront of every licensure issue.

As we safeguard the public today, it's just as important that we seek to understand and reach new generations. We must consider our actions now and ask ourselves how to best prepare future professional engineers and surveyors to facilitate many more decades of public protection, both domestically and internationally.



The business
perspective

ARPL's research shows that licensure is important to businesses for many reasons, especially because licensure requirements protect the public and the business itself.

92%

92% of business decision-makers say it is important to require CPAs, engineers, architects, landscape architects, and surveyors to have a license to practice.

90%

90% of business decision-makers say that professional licensing protects customers and the public from receiving substandard work.

ENFORCEMENT
BEAT



AMY STRAUSS, P.E.
MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL
ENGINEERS, PROFESSIONAL LAND SURVEYORS, AND
PROFESSIONAL LANDSCAPE ARCHITECTS

Everyone likes winning:
Missouri’s stories of successful outreach

WHILE WORKING ON A THIRD STRATEGIC PLAN, THE Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects tracked its year-end statistics regarding public complaints. A few interesting trends emerged, including a notable decrease in complaints from the early 2000s to 2022.

Complaints were higher in the late 1990s and early 2000s for multiple reasons.

During the 1990s, tourism boomed in Branson, Missouri. The Table Rock Lake getaway became the state’s top source of tourism and included everything from water sports and boating to specialty entertainment venues that hosted popular country-western singers. As construction soared, the Missouri board began getting more complaints. Some were filed regarding existing buildings, others for new construction. After receiving so much press regionally and nationally, the governor formed a special task force to investigate the safety of Branson’s buildings.

The task force rented the Tony Orlando Yellow Ribbon Music Theatre (now the Freedom Encounter Theater) and invited building code and public safety officials to a presentation. Officials who had investigated the 1981 Hyatt Regency Hotel walkway collapse were on hand to present. The presentation’s main message: Don’t approve permits from unlicensed individuals. But complaint numbers remained high for a time, with some carrying over into early 2000s.

Another reason that early-2000s Missouri complaints were elevated is because Missouri began to check national databases for out-of-state disciplines and act on them. The uptick in new complaints in 2022 is simply from addressing a large backlog of out-of-state disciplines.

A significant contributory effort culminated in 2009. Many companies simply did not know they required a Certificate of Authority (COA) to operate. In 2009, the Missouri board implemented the first civil penalties for not having a COA. This got the attention of licensees after fines began appearing in the board’s newsletter, *Dimensions*. To be proactive, the board also created a COA brochure that went out with every new license and is also available on the board’s website.

Other outreach efforts in Missouri include

- Printing several publications, such as the *Reference Manual for Building Officials and Fire Protection* and a brochure regarding the use of professional seals
- Holding local forums around the state to engage stakeholders
- Producing a newsletter twice per year with timely articles and published licensee disciplines (this serves as a potent deterrent)
- Distributing newsletter articles that share perspectives from the board’s attorneys
- Offering an online quiz on Missouri laws to receive continuing education credit

Hopefully, these ideas will be helpful and inspire others to also share their winning practices. The bottom line for the Missouri board is that expanding outreach and communication is a win-win—a win for the licensees and a win for the board.

Strauss is a member of the Missouri board and the 2023–24 NCEES Committee on Law Enforcement.

MEMBER
BOARD BRIEF



PATTY MAMOLA, P.E.
EXECUTIVE DIRECTOR NEVADA STATE
BOARD OF PROFESSIONAL ENGINEERS
AND LAND SURVEYORS

Navigating global opportunities:
International mobility for professional engineers

IN THE EVER-EVOLVING LANDSCAPE OF THE engineering profession, international mobility has become an increasingly important topic for professional engineers. Recent discussions between U.S. President Joe Biden and U.K. Prime Minister Rishi Sunak, as they pertain to trade in professional engineering services, shed light on the exciting opportunities and challenges facing engineers in our globalized world.

Implications for engineers

President Biden’s discussions with U.K. Prime Minister Sunak focused on strengthening the economic ties between the United States and the United Kingdom. Among the various sectors discussed, professional engineering services played a pivotal role. The talks highlighted the mutual recognition of qualifications and standards, while promoting the ease of transatlantic trade for engineers.

The role of NCEES in international mobility

NCEES is the custodian of licensure standards for the engineering profession in the United States and plays a vital role in supporting the international mobility of professional engineers. By engaging in discussions with international counterparts, NCEES works to ensure that the qualifications and standards of U.S. engineers are recognized and respected worldwide.

Benefits of international mobility for engineers

International mobility for engineers offers many advantages, including

- Career advancement
- Global networking
- Cultural enrichment
- Economic opportunities

Engineers who embrace international mobility can access a broader range of job opportunities, fostering professional growth and development. Additionally, they can build a network of professional contacts across borders that can open doors to collaboration, knowledge sharing, and innovation. By working in different countries, they are exposed to diverse cultures, perspectives, and problem-solving approaches, enhancing their adaptability and creativity. In addition, international projects can offer competitive compensation packages and financial incentives.

Challenges and considerations

While international mobility offers numerous advantages, it also presents challenges. Engineers must navigate differences in licensure requirements, codes and standards, and legal regulations in each country. Cultural and language differences can also pose communication challenges.

NCEES is committed to addressing these issues by promoting the harmonization of standards and advocating for mutual recognition agreements.

NCEES initiatives for international mobility

By actively participating in negotiations to establish mutual recognition agreements with other countries, NCEES is simplifying the licensure process for U.S. engineers abroad to ease some of the challenges they face. NCEES also provides resources and guidance for engineers seeking the NCEES designation as an international professional engineer, including assisting with ascertaining information on licensure requirements in foreign jurisdictions. NCEES advocates for the recognition of U.S. engineering qualifications and standards on the international stage.

continued on page 11

COMMITTEE
FOCUS

WITH ITS COMMITTEES AND task forces addressing over 80 charges this year, NCEES has a full range of issues to consider in 2023–24. President Laura Sievers, P.E., has assigned 11 standing committees charges that focus on a range of issues, including education, enforcement, and exams. She has appointed a new task force to study the surveying licensure model and has continued a task force to study the engineering licensure model. A Special Committee on Bylaws will propose amendments to the document that outlines the organization’s structure.

The following highlights the issues that these groups will address this year. A full list of charges and the membership of each group is available in Board Resources, part of the members-only section of the NCEES website. The committees and task forces will present their preliminary findings at the 2024 zone interim meetings this spring and get feedback from NCEES delegates. They will publish their final reports in the annual meeting *Action Items and Conference Reports*. The Council will vote on any resulting motions at the annual meeting in August 2024.

NCEES committees and task forces
begin work on 2023–24 agenda

Advisory Committee on Council Activities
Chair: Dean Ringle, P.E., P.S.
Board of directors liaison: Laura Sievers, P.E.

ACCA makes recommendations on policy issues that are not assigned to another standing committee or that involve several committees. It also reviews the *Manual of Policy and Position Statements* and recommends revisions.

ACCA will examine whether NCEES should have a position statement on ethics. It will also consider amending Administrative Policy 12 to add a Meritorious Service Award with Special Commendation to honor individuals who continue to serve with distinction after receiving the Meritorious Service Award.

Committee on Awards
Chair: David Whitman, Ph.D., P.E.
Board of directors liaison: Christopher Duhamel, P.E., P.L.S.

The Committee on Awards will collect nominations for NCEES service awards to be presented during the 2024 annual meeting and recommend recipients to the board of directors. Nomination materials are available on nces.org under Board Resources. Nominations are due by January 31, 2024.

Committee on Education
Chair: Sina Nejad, P.E.
Board of directors liaison: Jan Bostelman, P.E.

The Committee on Education serves in an advisory role for education issues related to ABET, requirements prior to initial licensure, continuing professional competency, and foreign degree or unaccredited program evaluation.

The committee will review the NCEES Continuing Professional Competency Standard to determine if it should include carryover hours, particularly for hours earned for completing college courses. It will recommend revisions, if appropriate, to the board of directors.

It will review recommendations from NCEES staff for the NCEES Engineering Education Award and Surveying Education Award programs. It will propose revisions to both programs as necessary.

Additionally, the committee will work with the Engineering Licensure Task Force to consider if a pathway for programs accredited by the Engineering Technology Accreditation Commission of ABET should be included in the *Model Law*.

Committee on Examination Audit
Chair: Mandy Holway, P.E.
Board of directors liaison: Christopher Duhamel, P.E., P.L.S.

The Committee on Examination Audit conducts regular audits of the NCEES exam program. It observes standard-setting studies to update exam specifications. The committee also reviews the findings of previous audits to ensure that items were addressed appropriately.

This year, the committee will audit the most recent administrations of the PE Chemical, PE Civil, PE Environmental, PE Fire Protection, and PS exams. It will observe and/or receive reports on the standard-setting studies for the following PE exams: Agricultural and Biological, Civil, Metallurgical and Materials, Petroleum, and Structural. It will also review exam audit findings from the 2022–23 audit cycle to ensure that items were appropriately addressed.

In addition, the committee will review the current audit process and recommend any changes that need to be made as NCEES completes the transition of all exams to computer-based testing.

Committee on Examination Policy and Procedures
Chair: Jason Suelter, P.E., S.E.
Board of directors liaison: Jan Bostelman, P.E.

The EPP Committee reviews the effectiveness of the NCEES exam process and recommends revisions to policies and procedures when needed.

The committee will propose revisions to exam development and exam administration policies as appropriate to incorporate information on the

Public Land Survey System module of the Principles and Practice of Surveying exam, which was approved by the board of directors in August 2023. Additionally, it will assist the committees on Examinations for Professional Engineers and Examinations for Professional Surveyors in the review of the *Exam Development Procedures Manual* and the *Manual of Policy and Position Statements* with respect to how new exams are approved.

Committee on Examinations for Professional Engineers
Chair: George Murgel, Ph.D., P.E.
Board of directors liaison: Samuel Wilson, P.E.

The EPE Committee oversees the development and scoring of the FE and PE exams. Its recurring charges include conducting content reviews to update exam specifications, reviewing exam development committee data to ensure appropriate volunteer diversity, monitoring training of exam development volunteers, and recommending changes to exam policies and procedures as needed.

The committee will work with the Committee on Examinations for Professional Surveyors and the Committee on Examination Policy and Procedures to review the *Exam Development Procedures Manual* and the *Manual of Policy and Position Statements* with respect to how new examinations are approved. It will propose appropriate revisions to the *Examination Development Procedures Manual* to be consistent with policy.

Additionally, the committee will review the *Exam Development Procedures Manual’s* definition of the knowledge levels regarding specification areas

and work with Pearson VUE to update the definitions used during cut-score/standard-setting procedures.

Committee on Examinations for Professional Surveyors
Chair: Coleen Johnson, R.L.S.
Board of directors liaison: Andrew Zoutewelle, P.L.S.

The EPS Committee oversees the development and scoring of the FS and PS exams. It reviews item performance, monitors the training of exam development volunteers, and recommends changes to exam policies and procedures.

The committee will review exam development committee member data and compare them with benchmarks as established by the committee as part of the NCEES Exam Development Volunteer Diversity Monitoring plan. It will aid NCEES Exam Development staff with identifying subject-matter experts for development of the Public Land Survey System module of the PS exam.

Committee on Finances
Chair: Andrew Ritter
Board of directors liaison: Karl Tonander, P.E.

The Committee on Finances studies the financial needs of NCEES and recommends sources of income and ways and means of securing adequate funds for the Council’s operation. The committee will review the results of the 2022–23 audit and the organization’s current financial condition and will work with NCEES leadership to recommend the operating and capital budgets for 2024–25.

continued on next page

COMMITTEE FOCUS

continued from page 7

It will develop a five-year NCEES operation projection and provide a funding plan for the NCEES Foundation. In addition, the committee will calculate an annual spending limit for the foundation and provide recommendations to the board of directors.

Committee on Law Enforcement

Chair: Bob Herbert

Board of directors liaison:

Mohammad Qureshi, Ph.D., P.E.

The Committee on Law Enforcement promotes greater uniformity and cooperation between member boards in the enforcement of licensure laws. The committee maintains the *Investigation and Enforcement Guidelines* and *Investigative Training Manual*, best practice manuals for enforcement activities and training. It also conducts a law enforcement program at the NCEES annual meeting and submits articles for inclusion in *Licensure Exchange*.

The committee will review *Model Rules* 240.20 B to determine if further clarification is needed regarding seals and signatures. It will work with the Committee on Member Board Administrators to study and review criminal and civil expungements and board actions to develop best practices for boards and Enforcement Exchange.

A full list of charges and the membership of each group is available in Board Resources, part of the members-only section of the NCEES website.

Committee on Member Board Administrators

Chair: John Greenhalge

Board of directors liaison: James

Kelly, P.E.

The MBA Committee coordinates MBA meetings, including those at the NCEES annual meeting and zone interim meetings. The committee facilitates cooperation between MBAs and assists with any member board efforts to address licensure processes and practices. It also mentors new MBAs and submits articles for inclusion in *Licensure Exchange*.

The committee will study ways to standardize CPC requirements, including the use of home rules and/or the NCEES CPC Standard, and study other ways that licensees in multiple jurisdictions can meet the CPC requirements without having to meet each individual jurisdiction's requirements. It will also review *Model Rules* 230.30 B–C, with consideration of whether an applicant who works for a family business could use a relative as a reference and whether a board member could be a reference for a relative but recuse themselves from approval of an application.

Committee on Uniform Procedures and Legislative Guidelines

Chair: Iarelis Hall, P.S.M.

Board of directors liaison:

Mohammad Qureshi, Ph.D., P.E.

The UPLG Committee looks for ways to strengthen the licensure process and proposes any necessary changes to the *Model Law* and *Model Rules*, documents that provide member licensing boards with models for their own practice laws to regulate the engineering and surveying professions.

The committee will review revisions to *Model Law* 240.30 B as presented by the Committee on Education and approved by the Council at the 2023 annual meeting and propose amendments as appropriate to define ethics-related courses or activities separately from business-related ones. It will review insertion of the NCEES CPC Standard into *Model Rules* 240.30 as presented by the Committee on Education and approved by the Council at the 2023 annual meeting.

continued on page 10

NCEES State of the Council series kicks off new fiscal year

THE OCTOBER 25 STATE OF THE COUNCIL MEETING kicked off the 2023–24 fiscal year. Attendees learned about what's in store for the upcoming year, including

- Actions taken at the annual meeting
- Committee and task force work for the upcoming year
- 2022–23 exam volumes and finances
- Outreach activities to support mission initiatives

NCEES State of the Council meetings are virtual meetings intended to provide updates on initiatives and events and timely announcements. The meetings are open to member board administrators, members, associate members, and emeritus members, as well as NCEES past presidents.

Recordings and registration

State of the Council recordings are posted online in the Board Resources section of MyNCEES (ncees.org/resources). Future recordings will be posted here as well.

UK Mutual Recognition Agreement

- Will provide a more direct path for licensed engineers to practice in each country
- British consulates have had initial discussions with several member boards.
- Currently negotiating an official agreement for member boards to opt in

NCEES Chief Executive Officer David Cox provides an update on the United Kingdom Mutual Recognition Agreement during the October 25 State of the Council meeting.

Registration is required and is by invitation. If you do not receive an invitation and would like to register for the next event, send a request to meetings@ncees.org. Please include your name and board affiliation.

EXAM NEWS

PE Electrical and Computer Engineering PAKS Survey

The online survey is available at ncees.org/ECEPAKS.

Open until January 11

NCEES IS CURRENTLY SEEKING licensed electrical and computer engineers to participate in a professional activities and knowledge study, or PAKS, for the PE Electrical and Computer Engineering exams. The results of this online survey will be used to update specifications for the exams, which are used throughout the United States for licensing purposes.

NCEES seeks licensed electrical and computer engineers' professional expertise and advice

NCEES requires a cross section of licensed professional engineers practicing electrical and computer engineering—including those working in industry, consulting, the public sector, and academia—to complete an online survey about the tasks and knowledge required of a licensed electrical and computer engineer with four to six years of experience to practice in a manner that safeguards the health, safety, and welfare of the public. The survey can be completed in approximately 20–40 minutes.

“These studies help NCEES ensure its licensing exams remain relevant to current professional practice,” explained Chief Officer of Examinations Jason J. Gamble, P.E. “The value of this PAKS depends on the number of people who participate, so NCEES is eager to get a large response from professional engineers across all areas of electrical and computer engineering.”

The online survey will be available at ncees.org/ECEPAKS until January 11, 2024. For more information, contact NCEES Exam Development Engineer William Bowen, P.E., at wbowen@ncees.org.

1000 $\frac{\pi 1.5^2}{4} 7.9^2 - 1000 \frac{\pi 3^2}{4} 1.98^2$
 $\frac{K_a}{m} \ln^2 \left(\frac{M}{S} \right)^2$

NCEES OUTREACH

The following are upcoming NCEES outreach activities to promote engineering and surveying licensure. For the latest outreach news, follow NCEES on Facebook, X (formerly known as Twitter), and LinkedIn. Visit ncees.org for links to its social media pages.

COMMITTEE FOCUS

continued from page 8

Engineering Licensure Model Task Force

Chair: Brian Robertson, P.E.

Board of directors liaison: Laura Sievers, P.E.

President Sievers is continuing the Engineering Licensure Model Task Force, which was originally formed in 2020–21, to review the current NCEES engineering licensure model.

This year, the committee will review the withdrawn 2022 Western Zone motion regarding mobility-related revisions to the *Model Law* and consider whether such revisions should be incorporated. In addition, it will consider amending Administrative Policy 17 to allow additional attendees, with approval from the board of directions, to attend International Engineering Alliance meetings.

Special Committee on Bylaws

Chair: Nancy Gavlin, P.E., S.E.

Board of directors liaison: Karl Tonander, P.E.

President Sievers has convened the Special Committee on Bylaws to review revisions to *Bylaws* 3.021 as presented by the Advisory Committee on Council Activities and

EWB–USA Conference

NCEES will participate in the Engineer’s Without Borders USA 2023 conference in Reno, Nevada, on November 9–11 to promote the value of professional licensure.

DiscoverE Coalition Meeting

NCEES will attend the DiscoverE Coalition Meeting in Washington, D.C., on December 7 to discuss messages and strategies to reach underrepresented K–12 students.

approved by the Council at the 2023 annual meeting and propose an amendment to clarify that member board administrators are automatically designated associate members. In addition, it will review revisions to *Bylaws* 4.05 and propose an amendment to clarify that current members of the board of directors can continue through the leadership path even if their term on their member board has expired.

Surveying and Mapping Sciences Licensure Task Force

Chair: Shannon Stanfill

Board of directors liaison: Andrew Zoutewelle, P.L.S.

President Sievers has appointed the Surveying and Mapping Sciences Licensure Task Force to review the current NCEES surveying licensure model.

The committee will examine whether additional pathways or different models should be considered. It will study issues surrounding the potential licensure of mapping scientists and will review *Model Law* 130.10 C.3 Grandfathering of Photogrammetrists to determine if this language is still needed in the *Model Law*.

$Q_c \rho v_c$
 $\rho \frac{\pi D_B^2}{4} V_B^2 - \rho \frac{\pi D_c^2}{4} V_c^2$

UPCOMING EVENTS

DECEMBER 6–8

EPE Committee Meeting
Virtual

JANUARY 5–6

PE Civil Exam Meeting
Greenville, South Carolina

JANUARY 11–12

Education Committee Meeting
Dallas, Texas

JANUARY 12–13

ACCA Committee Meeting
Tampa, Florida

JANUARY 14

Engineering Licensure Model Task
Force Meeting
Tampa, Florida

JANUARY 18

EPS Committee Meeting
Greenville, South Carolina

JANUARY 19–20

FS/PS Exam Meeting
Greenville, South Carolina

PE Electrical and Computer
Exam Meeting
Greenville, South Carolina

JANUARY 26–27

EPP Committee Meeting
Tampa, Florida

PE Structural Exam Meeting
Greenville, South Carolina

JANUARY 28

ICOR Leadership Meeting
Fort Worth, Texas

JANUARY 30–31

PE Fire Protection Exam PAKS
Survey Creation Meeting
Greenville, South Carolina

MEMBER BOARD NEWS

Alabama

Fred DeLeon Jr. is a new appointee.
Donald Vaughn is no longer a member.

Idaho

Jessica Spoja is the new board
administrator, replacing Michael Hyde.

New Hampshire PE

Ashley Czechowicz is the new board
administrator, replacing Christine Horne.

New Hampshire PS

James Roberg is the new board
administrator, replacing Christine Horne.

Tennessee PE

Eddie Jett is a new appointee. Robert
Campbell Jr. is no longer a member.

West Virginia PS

Carla Williams is the acting board
administrator, replacing Amber Shawver.

Wyoming

Daniel Garcia is a new appointee.

MEMBER BOARD BRIEF

continued from page 5

The future of engineering in a globalized world

As the world becomes increasingly interconnected, the importance of international mobility for professional engineers cannot be overstated. President Biden’s discussions with Prime Minister Sunak serve as a reminder that the engineering profession is not confined by borders. Embracing international opportunities allows engineers to contribute to projects of global significance and broaden their horizons.

NCEES remains dedicated to facilitating international mobility for professional engineers and promoting the highest standards of licensure and professionalism across

borders. As we navigate the complexities of international trade and mobility, let us remember that engineers are bridges between nations, connecting ideas, expertise, and solutions. Together, we can build a future where engineers can contribute their skills on a global scale, advancing both our profession and the world at large.

Thank you for your continued support, and stay tuned for more updates on this important topic.

Mamola is executive director of the Nevada board and a member of the 2023–24 NCEES Committee on Member Board Administrators. She also serves as deputy chair of the International Engineering Alliance Governing Group.

Laura Sievers, P.E.
President
Iowa

Andrew Zoutewelle, P.L.S.
President-Elect
North Carolina

Christopher Duhamel, P.E., P.L.S.
Immediate Past President
Rhode Island

Karl Tonander, P.E.
Treasurer
New Mexico

Jan Bostelman, P.E., PMP
Central Zone Vice President
Nebraska

Samuel Wilson, P.E.
Northeast Zone Vice President
District of Columbia

James Kelly, P.E.
Southern Zone Vice President
Virginia

Mohammad Qureshi, Ph.D., P.E.
Western Zone Vice President
California

David Cox
Chief Executive Officer
South Carolina

Licensure EXCHANGE

*A publication of the National Council of
Examiners for Engineering and Surveying*

Comments or questions can be directed to
editor@ncees.org.

David Cox, CEO and Publisher

Nina Norris, Chief Communications Officer

**Sierra Burrell, Digital Communications
Coordinator**

Sara Ann Grant, Associate Editor

**Katy Goforth, Senior
Communications Specialist**

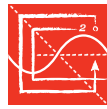
Jennifer Williams, Senior Editor

Brittany Wilson, Graphic Designer

ISSN NO. 1093-541X
VOLUME 27, ISSUE 6

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

The ideas and opinions expressed in
Licensure Exchange do not necessarily
reflect the policies and opinions held by
NCEES, its board of directors, or staff.



NCEES

Judges for Future City regionals surveying award needed



Judges Chris Bass, P.L.S., (left) and Floyd Sweatt, P.L.S., (right) present the 2023 NCEES-sponsored Best Land Surveying Practices award to the winning team, Norwood School Virtual Engineers.

NCEES is seeking judges for the NCEES Best Land Surveying Practices special award for regional competitions across the country in January. This special award recognizes the design that employs the best land surveying practices, taking into consideration the high standards used by professional surveyors to protect the public's health, safety, and welfare.

Special awards judging is an all-day commitment. Volunteers will judge tabletop city models, interview the individual teams, and possibly present the winning team its special award. NCEES will provide sample questions and a scoring rubric.

"I look forward to judging the Best Land Surveying Practices special award each year," explained Scott Bishop, P.S., who is an emeritus member of the Utah Professional Engineers and Professional Land Surveyors Board and a Future City judge for the NCEES special award. "The students have so much passion and excitement about their projects, and it's a great way to introduce them to surveying."

If you are interested in serving as a judge, please contact NCEES Marketing Communications and Outreach Strategist Christian Cernauskas at ccernauskas@ncees.org.

Details for the 2024 Future City competitions are still being finalized. Additional information will be posted at futurecity.org as it becomes available.