

**NCEES**



# **100th NCEES Annual Meeting Minutes and Reference Material**

**Virtual Business Sessions**  
*September 15, 2021*



# **100th NCEES Annual Meeting Minutes and Reference Material**

*September 15, 2021*



For the second year in a row, NCEES held a virtual annual meeting due to COVID-19 concerns. Plans were set to hold a scaled-down meeting—with limited attendance and a trimmed schedule of events—in New Orleans, Louisiana, in August. However, rising COVID-19 cases called for a different approach. NCEES moved its 100th annual meeting to a virtual format, holding its annual meeting business session via Zoom on September 15.

Preparations for the annual meeting began with a series of webinars and online forums. NCEES held virtual State of the Council presentations to help member boards prepare for the annual meeting and to ask questions about the motions they would vote on at the meeting. The organization also moved

the forums for engineering, surveying, and member board administrators—typically held during the annual meeting—to a virtual format.

The 2021 convention rules required that member boards notify NCEES by September 1 of any motions they wished to remove from the consent agenda as well as any new business they wished to add. To prepare for live voting and debate during the annual meeting, NCEES staff reviewed the annual meeting motions during the September 8 State of the Council presentation. Member boards had the opportunity to ask questions and discuss the motions and any amendments that they might propose at the annual meeting.



*President-Elect Brian Robertson, P.E., (left) and President Christopher Knotts, P.E., prepare to lead delegates through the voting process at the 2021 NCEES annual meeting. Each board designated a voting delegate to cast its vote during the meeting.*

## 100th Annual Meeting

President Christopher Knotts, P.E., called the 100th NCEES annual meeting to order on September 15. All 69 NCEES member boards were represented, and each designated a voting delegate in advance of the meeting.

The meeting agenda included reports from the NCEES president, president-elect, treasurer, and chief executive officer. Each of the four zones also held short meetings, where the vice presidents gave their reports.

Delegates elected Christopher Duhamel, P.E., P.L.S., of Rhode Island, president-elect for 2021–22. He will serve as president in the following year.

The motions that passed at the meeting covered a range of issues, including those related to continuing education, exams, financial policies, and public outreach. Delegates also approved the 2021–22 operating and capital budgets.

President Knotts then passed the gavel to President-Elect Brian Robertson, P.E., who discussed his vision for the upcoming year.

## 2021 Service Award Recipients

### Distinguished Service Award



Robin Petzold, P.S.M., emeritus member of the Florida Board of Professional Surveyors and Mappers



Timothy Rickborn, P.E., S.E., member of the South Carolina Board of Registration for Professional Engineers and Surveyors

### Distinguished Examination Service Award



Wendy Lick, P.E., volunteer with the Principles and Practice of Engineering Mechanical exam development committee



William Parrish, Ph.D., P.E., volunteer with the Principles and Practice of Engineering Chemical exam development committee



2021–22 NCEES board of directors—(l-r) Standing: Tyrell, Drewyor, Bishop, Orisich, Zoutewelle, and Knotts.  
Sitting: Robertson and Duhamel

## 2021–22 Board of Directors

NCEES installed its new board of directors at the conclusion of the 2021 annual meeting.

### **President**

Brian Robertson, P.E.  
*Colorado*

### **President-Elect**

Christopher Duhamel, P.E., P.L.S.  
*Rhode Island*

### **Immediate Past President**

Christopher Knotts, P.E.  
*Louisiana*

### **Treasurer**

Paul Tyrell, P.E., P.L.S.  
*Massachusetts*

### **Central Zone Vice President**

Michael Drewyor, P.E., P.S.  
*Michigan*

### **Northeast Zone Vice President**

Thomas Orisich, P.L.S.  
*Maryland*

### **Southern Zone Vice President**

Andrew Zoutewelle, P.L.S.  
*North Carolina*

### **Western Zone Vice President**

Scott Bishop, P.S.  
*Utah*

**MINUTES OF THE  
100<sup>TH</sup> NCEES ANNUAL BUSINESS MEETING**

Virtual Business Sessions

September 15, 2021

President Christopher Knotts, P.E., Presiding

## **SUMMARY OF ACTION ITEMS**

### **Consent Agenda**

NCEES member boards removed six items from the published consent agenda for separate consideration with the committee reports. Additionally, the Advisory Committee on Council Activities withdrew ACCA Motion 3, which was included in the published consent agenda, for further consideration in 2021–22. The remaining items, shown below, passed on the consent agenda.

- President-Elect: Motion 2
- Committee on Finances: Motions 1–6
- Advisory Committee on Council Activities: Motions 1, 5
- Committee on Education: Motions 2, 5–6
- Committee on Examination Policy and Procedures: Motions 1–19
- Committee on Uniform Procedures and Legislative Guidelines: Motions 1–2
- Fire Protection Task Force: Motion 1
- Public Outreach Task Force: Motion 1

### **Officer Elections**

The Council elected Christopher Duhamel, P.E., P.L.S., of Rhode Island, to serve as 2021–22 president-elect. He will serve as president in 2022–23.

### **Advisory Committee on Council Activities**

- Motion 2: Removed from consent agenda and passed
- Motion 4: Failed

### **Committee on Education**

- Motion 1: Removed from consent agenda and passed
- Motion 3: Removed from consent agenda and passed as amended
- Motion 4: Removed from consent agenda and passed as amended

### **Committee on Examination Policy and Procedures**

- Motion 20: Removed from consent agenda and passed

### **Committee on Uniform Procedures and Legislative Guidelines**

- Motion 3: Removed from consent agenda and passed as amended
- Motion 4: Passed as amended

### **Board of Directors**

- Motion 1: Passed

### **Committee on Finances**

- Budget Motion: Passed



## **WEDNESDAY, SEPTEMBER 15, 2021**

### **BUSINESS SESSION 1**

President Christopher Knotts, P.E., called the meeting, held virtually via Zoom, to order at 12:05 p.m. (EDT) and welcomed attendees. He called on Chief Executive Officer David Cox to provide announcements regarding logistics for the virtual meeting.

### **INTRODUCTION OF 2020-21 NCEES BOARD OF DIRECTORS**

President Knotts recognized his fellow members of the 2020–21 board of directors:

- President-Elect Brian Robertson, P.E.
- Immediate Past President Dean Ringle, P.E., P.S.
- Treasurer Paul Tyrell, P.E., P.L.S.
- Central Zone Vice President Michael Drewyor, P.E., P.S.
- Northeast Zone Vice President Christopher Duhamel, P.E., P.L.S.
- Southern Zone Vice President Timothy Lingerfelt, P.L.S.
- Western Zone Vice President Scott Bishop, P.S.

President Knotts also noted that Chief Operating Officer Davy McDowell, P.E.; Parliamentarian Sarah Merkle; and Todd Skiles, of Colortone—the meeting’s voting system manager—were present for the meeting.

### **QUORUM AND CONVENTION RULES**

CEO Cox verified that a quorum of member boards was present for the meeting. Each of the 69 boards was represented by a voting delegate.

CEO Cox noted that the convention rules were updated for the virtual meeting format and printed in the *Action Items and Conference Reports*, which was updated and posted to the NCEES website on September 2, 2021. President Knotts added that the updated convention rules as shown on page 6 of the *Action Items and Conference Reports* would be the rules of the meeting if there were no objections. There were none.

CEO Cox then reviewed the process for debating motions and voting.

### **OFFICER REPORTS**

#### **President’s Report**

President Knotts delivered his report, which begins on page 13 of the *Action Items and Conference Reports*.

He thanked the board of directors and standing committees and task forces for their cooperation and adaptability throughout the year and recognized the 2020–21 committee and task force chairs:

- Wendy Amann, P.E.—Committee on Education
- Carmine Balascio, Ph.D., P.E.—Committee on Examinations for Professional Engineers
- Lamberto (Bobby) Ballí, P.E.—Committee on Uniform Procedures and Legislative Guidelines
- David Beasley, Ph.D., P.E.—Engineering Licensure Model Task Force
- Kelly Fedele, P.E., P.S.—Advisory Committee on Council Activities
- Dale Jans, P.E.—Fire Protection Task Force
- Jeffrey Jones, P.L.S.—Committee on Examination Policy and Procedures
- Robert Krebs, P.E., L.S.—Committee on Awards
- Aaron Morris, P.L.S.—Committee on Examinations for Professional Surveyors
- Heather Richardson—Committee on Member Board Administrators
- Timothy Rickborn, P.E., S.E.—Committee on Finances
- Jill Short—Committee on Law Enforcement

- Christy VanBuskirk, P.E.—Committee on Examination Audit
- Samuel Wilson, P.E.—Public Outreach Task Force

President Knotts recognized the winners of the 2021 NCEES service awards:

- Distinguished Service Award: Robin Petzold, P.S.M., of the Florida surveying board, and Timothy Rickborn, P.E., S.E., of the South Carolina board
- Distinguished Examination Service Award: Wendy Lick, P.E., volunteer with the PE Mechanical exam development committee, and William Parrish, Ph.D., P.E., volunteer with the PE Chemical exam development committee

### **President-Elect's Report**

President-Elect Robertson delivered his report, which begins on page 15 of the *Action Items and Conference Reports*. His report noted three areas of emphasis:

- Spring cleaning of NCEES publications and documents
- Divisional Principles and Practice of Surveying exam
- Assessment of engineering licensure models

President-Elect Robertson's report included the action items from the 2020–21 board of directors meetings. These action items begin on page 16 of the *Action Items and Conference Reports*. He asked for any discussion on the action items. There was none.

The president-elect's report also included the following motions.

1. Move that the Council approve by general consent the items identified in the consent agenda.

**ACTION: President Knotts presented this motion in business session 2.**

2. Move that the Council approve the minutes of the 2020 annual meeting.

**ACTION: The motion passed as part of the consent agenda in business session 2.**

President-Elect Robertson reported that the Northeast Zone informed the board of directors that during the zone's interim meeting, it nominated Christopher Duhamel, P.E., P.L.S., of the Rhode Island engineering board, as the zone's president-elect nominee. He noted that delegates had the privilege of nominating additional candidates for the office of president-elect from the floor. There were no additional nominations; President-Elect Robertson declared the nominations closed. He announced that the election for the office of president-elect would be held later in the meeting.

President-Elect Robertson introduced the practice motions to give voting delegates the opportunity to practice using the virtual voting system. After technical difficulties with the first practice motion, he suspended the second practice motion until after the zone meetings.

### **Treasurer's Report**

Treasurer Tyrell delivered his report, which begins on page 18 of the *Action Items and Conference Reports*. He provided a summary of the proposed 2021–22 operating budget, the 2020–21 operating budget, and the 2019–20 actual operating revenue and expenses. He reviewed assumptions used during the 2021–22 budgeting process, including exam volumes, exam seat fees, and building expenses. He presented a comparison of historical actual and budgeted operating revenue, expenses, and gains for 2015–16 to 2021–22. He compared the 2019–20 actual interest and investment income to the 2020–21 budget and the proposed 2021–22 budget. He also presented the proposed 2021–22 capital budget.

### **Chief Executive Officer's Report**

CEO Cox delivered his report, which begins on page 26 of the *Action Items and Conference Reports*. His report included a briefing on COVID-19-related adjustments for NCEES meetings and exams development.

CEO Cox also recognized current and former members and emeritus members who passed away during the previous year and observed a moment of silence to honor their memory.

CEO Cox introduced the new chief officer of examinations—Jason Gamble, P.E., is replacing Timothy Miller, P.E., who is retiring at the end of 2021. Gamble gave brief remarks, noting that he was looking forward to working with the member boards and exam development committees.

President Knotts adjourned business session 1 at 12:40 p.m. for the zone annual meetings.

### **BUSINESS SESSION 2**

President Christopher Knotts, P.E., called the second business session to order at 1:27 p.m. He recognized President-Elect Robertson, who led delegates in two practice motions.

### **ELECTION OF PRESIDENT-ELECT**

President-Elect Robertson introduced the candidate for the office of president-elect: Christopher Duhamel, P.E., P.L.S., of Rhode Island. Delegates voted unanimously to waive a ballot vote and elect Duhamel president-elect. Duhamel accepted the office of 2021–22 president-elect.

### **CONSENT AGENDA**

President Knotts presented the consent agenda, which was included as part of President-Elect Robertson's official report. Member boards removed the following items for separate consideration before the September 1 deadline, per the convention rules:

- Advisory Committee on Council Activities: Motion 2
- Committee on Education: Motions 1, 3–4
- Committee on Examination Policy and Procedures: Motion 20
- Committee on Uniform Procedures and Legislative Guidelines: Motion 3

President Knotts also noted that ACCA removed Motion 3 from the consent agenda for further consideration in 2021–22.

The Council passed the remaining items on the consent agenda as follows:

- President-Elect: Motion 2
- Committee on Finances: Motions 1–6
- Advisory Committee on Council Activities: Motions 1, 5
- Committee on Education: Motions 2, 5–6
- Committee on Examination Policy and Procedures: Motions 1–19
- Committee on Uniform Procedures and Legislative Guidelines: Motions 1–2
- Fire Protection Task Force: Motion 1
- Public Outreach Task Force: Motion 1

## COMMITTEE AND TASK FORCE MOTIONS

President Knotts introduced the committee and task force motions that require Council action. He reviewed the process for debating and voting on motions.

### Committee on Finances

The Committee on Finances report begins on page 32 of the *Action Items and Conference Reports*.

1. Move that Financial Policy 8 be amended as follows:

#### **FP 8 Unbudgeted Expenditures**

Necessary expenditures to carry on the business of the Council that are not in the current operating or capital budget shall have prior approval of either the chief executive officer, the president, or the treasurer for amounts up to ~~\$7,500~~ \$25,000. Expenditures of more than ~~\$7,500~~ \$25,000 and up to ~~\$15,000~~ \$50,000 shall have prior approval of two of the above persons, and expenditures in excess of ~~\$15,000~~ \$50,000 shall have the prior approval of the board of directors. Any expenditures not in the current budget shall be reviewed by the board of directors at its next meeting.

**ACTION: The motion passed as part of the consent agenda.**

2. Move that Financial Policy 3B be amended to add section 8 as follows:

#### **FP 3 Travel Expenses**

NCEES shall budget for and pay travel expenses for NCEES-funded meeting attendees as described below. NCEES shall also waive the registration fee for NCEES-funded attendees to the annual meeting and zone interim meetings but shall not pay the cost of optional functions that are not included in the registration fee. All authorized travel and reimbursements shall be in accordance with the NCEES travel policy. Unbudgeted international travel shall require authorization by the board of directors.

#### B. NCEES annual business meetings

1. Members of the current NCEES board of directors, incoming vice presidents, nominees for the incoming NCEES president-elect and treasurer positions, and past presidents. Registration fees shall be waived for a guest of each.
2. A minimum of three funded delegates from each member board as specified by the member board. Member boards must meet the *Bylaws* requirements for voting to receive the benefits of funded delegates.
3. Member board members who are attending their first annual meeting and who have been appointed to their board within 24 months before the annual meeting
4. The designated member board administrator (MBA) of each member board. When an MBA represents more than one board, the funding shall be for the designated MBA only and not for the assistant MBA or for member board staff. Member boards must meet the *Bylaws* requirements for voting to receive the benefits of a funded MBA.
5. Chairs of NCEES standing committees and task forces
6. NCEES service award recipients. Registration fees shall be waived for a guest of each.
7. Zone assistant vice presidents and zone secretary-treasurers
8. The NCEES representative to the ABET board of delegates, the alternate NCEES ABET representative, and the commissioners on the Engineering Accreditation Commission of ABET, the Engineering Technology Accreditation Commission of ABET, and the Applied and Natural Science Accreditation Commission of ABET

**ACTION: The motion passed as part of the consent agenda.**

3. Move that Financial Policy 5 be amended as follows:

**FP 5 Guests of Annual Business Meeting**

- A. The president is authorized to issue invitations to professional society presidents or presidents-elect, to professional society executive directors, to International Affiliate Organizations, and to Participating Organizations to attend the annual business meeting as guests of the Council. All or part of the registration and activity fee ~~may shall~~ be waived.
- ~~B. Each past president of the Council will be invited to attend the annual business meeting. Registration fees will be waived for each past president and his or her guest. Travel expenses will be funded for each past president.~~
- ~~C. The Council may pay the travel expenses of each award recipient and his or her guest to attend the annual business meeting.~~

**ACTION: The motion passed as part of the consent agenda.**

4. Move that the adoption of the 2021–22 operating budget as shown in **Appendix B** be postponed to the end of the last business session in order to take into account any subsequent actions adopted by the Council that may affect this budget.

**ACTION: The motion passed as part of the consent agenda.**

5. Move that the adoption of the 2021–22 capital budget as shown in **Appendix C** be postponed to the end of the last business session in order to take into account any subsequent actions adopted by the Council that may affect this budget.

**ACTION: The motion passed as part of the consent agenda.**

6. Move that Financial Policy 1D be amended as follows:

**FP 1 Council Funds**

- ~~D. The NCEES board of directors shall have the authority to contribute a maximum of \$500,000 annually for funding of nonprofit organizations. A full Council vote is required to approve contributions above that amount.~~

The NCEES board of directors shall have the authority to make discretionary contributions for funding requests to outside nonprofit organizations. The total amount of all discretionary contributions that the NCEES board of directors is authorized to make may not exceed \$500,000 per fiscal year. Any funding above \$500,000 is required to be voted on by the full Council.

**ACTION: The motion passed as part of the consent agenda.**

**Advisory Committee on Council Activities**

President Knotts presented the motions from the Advisory Committee on Council Activities. The committee's report begins on page 46 of the *Action Items and Conference Reports*.

1. Move that Administrative Policy 19 be adopted as follows:

**AP 19 Representatives to the International Engineering Alliance (IEA) and Related Organizations**

- A. NCEES shall be represented at IEA and related organizations by the president, president-elect, and chief executive officer. The president may, subject to approval by the board, appoint substitute representatives.
- B. All travel expenses shall be funded in accordance with Financial Policy 3 and the *NCEES Travel Policy*.

C. When seeking election or reelection to an office or an appointment to a committee or working group of IEA or related organizations, an individual must first obtain approval of the NCEES board of directors.

**ACTION: The motion passed as part of the consent agenda.**

2. Move that a Special Committee on Bylaws be charged with incorporating the following amendments into *Bylaws* 3.021 and 3.022.

**Section 3.021 Associate Members.** An Associate Member of NCEES shall be a designee of a Member Board, but not a member of a Member Board, who is appointed by the NCEES Board of Directors as an Associate Member of NCEES.

Recommendations for associate members of NCEES shall be submitted by Member Boards to the Board of Directors and become effective upon appointment by the Board of Directors. Such appointments shall be reviewed annually by each Member Board and shall remain in effect until the Board of Directors is notified otherwise by the Member Board.

Associate Members of NCEES shall have the privilege of the floor ~~upon approval of the presiding officer~~ and may serve on any committee to which duly appointed under the *Bylaws*. Associate Members are eligible to hold the elective office of zone Secretary-Treasurer but are not eligible to serve on the NCEES Board of Directors.

**Section 3.022 Emeritus Members.** An Emeritus Member of NCEES shall be a person who is a former member of a Member Board who is duly recommended by that Member Board and approved by the NCEES Board of Directors. Such appointments shall be reviewed annually by each Member Board and shall remain in effect until the Board of Directors is notified otherwise by the Member Board.

Emeritus Members of NCEES shall have the privilege of the floor ~~upon approval of the presiding officer~~ and may serve on any committee to which duly appointed under the *Bylaws*.

**ACTION: The Nevada board removed the motion from the consent agenda. The motion passed after brief discussion.**

3. Move that the appropriate committee be charged with incorporating the following language into the appropriate place within Examination Administration Policy 8.

**EAP 8 Release and Use of Examination Results**

All NCEES exam irregularities should be evaluated by NCEES with regard to invalidation of exam results. If a candidate fails to comply with the conditions stated in the *NCEES Examinee Guide*, then NCEES will have the authority to invalidate exam results and, furthermore, shall have the authority to suspend a candidate's ability to take an NCEES exam for up to three years. If deemed appropriate, NCEES shall also have the right to pursue additional restrictions on future testing, civil remedies, and/or criminal remedies.

**ACTION: ACCA removed the motion from the consent agenda for further consideration in 2021–22.**

4. Move that a Special Committee on Bylaws be charged with amending the *Bylaws* to allow the president-elect to appoint a past president, when available and interested in serving, as an additional member to a committee or task force without altering committee membership requirements described in other sections of the *Bylaws*.

**ACTION: President-Elect Robertson presented the board of directors rationale for not endorsing the motion. An ACCA member discussed the committee's intent with the motion. The motion failed.**

5. Move that a Special Committee on Bylaws be charged with incorporating the following language into *Bylaws* 7.02:

**Section 7.02 Advisory Committee on Council Activities.** The Advisory Committee on Council Activities (ACCA) shall consist of a chair and two members from each zone. At least one member shall be a professional engineer, one member a professional surveyor,

<p><u>additions to original text</u> <del>deletions to original text</del> <u>additions made as a result of an amendment</u> <del>deletions made as a result of an amendment</del></p>
--

and one member a member board administrator. The committee shall provide advice and briefing to the President and the Board of Directors on new policy issues, problems, and plans that warrant preliminary assessment of policy choices and procedures not as yet assigned to a standing committee or involving several existing committees. Consultants appointed to this committee shall have served on the Board of Directors.

The committee will act as principal advisor to the President and the Board of Directors on such specific non-recurring problems or plans as the President may explicitly assign to the committee. The committee shall review the *Manual of Policy and Position Statements*, in consideration of past and current action of the Council, and present any proposed revisions as needed.

**ACTION: The motion passed as part of the consent agenda.**

### Committee on Education

President Knotts presented the motions from the Committee on Education. The committee's report begins on page 53 of the *Action Items and Conference Reports*.

1. Move that the UPLG Committee be charged with incorporating the following language into *Model Rules* 240.30 C.

#### **240.30 Continuing Professional Competency**

##### C. Qualifying Activities

PDHs may be earned as follows:

1. Successful completion of college courses
2. Successful completion of short courses, tutorials, webinars, and distance-education courses offered for self-study, independent study, or group study and through synchronous or asynchronous delivery methods such as live, correspondence, archival, or the Internet
3. Presenting or attending qualifying seminars, in-house courses, workshops, or professional or technical presentations made at meetings, conventions, conferences, or educational institutions
4. Teaching or instructing in 1 through 3 above
5. Authoring published papers, articles, books, or accepted licensing examination items
6. Active participation in professional or technical societies or in accrediting organizations
7. ~~Patents~~ Obtaining a patent
8. Active participation in educational outreach activities pertaining to professional licensure or the surveying/engineering professions that involve K-12 or higher education students

**ACTION: The Illinois structural engineering board removed the motion from the consent agenda. The motion passed after brief discussion.**

2. Move that the UPLG Committee be charged with incorporating the following language into *Model Rules* 240.30 E:

#### **240.30 Continuing Professional Competency**

##### E. Determination of Credit

The board has final authority with respect to approval of courses, credit, PDH value for courses, and other methods of earning credit.

1. Credit for college or community college approved courses will be based upon course credit established by the college. The Carnegie definition of a contact hour is based upon a minimum of 15 class meetings. Thus, a unit of credit equates to 3 hours of student work per class (1-hour lecture plus 2 hours of homework or 3 hours of lab) for 15 classes.

2. Credit for qualifying seminars and workshops will be based on 1 PDH for each hour of attendance. Attendance at qualifying programs presented at professional and/or technical society meetings will earn PDHs for the actual time of each program.
3. Credit determination for activities in subsections D.6 and D.8 is the responsibility of the licensee (subject to review as required by the board).
4. Credit for activity in subsection D.7, active participation in professional and technical societies (limited to 2 PDHs per organization), requires that a licensee serve as an officer and/or actively participate in a committee of the organization. PDHs are not earned until the end of each year of service is completed.

**ACTION: The motion passed as part of the consent agenda.**

3. Move that Position Statement 7 be revised as follows:

**PS 7 Evaluation of Applicants with Degrees in Technology**

~~NCEES recommends that all member boards of licensure, whose statutes do not otherwise prohibit, be encouraged to observe and adhere to the following criteria for the examination of educational qualifications of applicants for licensure, or license, as professional engineers and surveyors:~~

- ~~A. Graduates of Engineering Technology Accreditation Commission of ABET (ETAC/ABET) accredited, four-year baccalaureate programs in engineering technology may be granted a maximum of two years of educational credit toward professional engineering licensure and four years of educational credit toward professional surveying licensure if the board determines that the degree contains prescribed surveying courses.~~
- ~~B. Applicants who entered ETAC/ABET accredited, four-year baccalaureate programs in engineering technology but did not complete requirements for the four-year baccalaureate degree may be given consideration for educational credit on a prorated basis of one-half year for each year satisfactorily completed, up to a maximum of two years' credit.~~
- ~~C. Graduates of non-ETAC/ABET accredited, four-year baccalaureate programs in engineering technology may be granted a maximum of one year of educational credit.~~

**PS 7 Bachelor of Science Degree in Engineering Technology**

~~NCEES recommends that the boards of licensure, whose statutes do not otherwise prohibit, require any applicant who has a degree in engineering technology, who applies for engineering licensure in any jurisdiction of the United States, and who has not previously been licensed to practice by one of the boards of licensure be required to first demonstrate that he or she possesses at least a four-year bachelor of science degree in engineering technology, acquired through the successful completion of an ETAC/ABET-accredited program or through a board-approved program.~~

~~Recognizing that newly ETAC/ABET-accredited programs must spend several years in development before attaining accredited status, NCEES recommends that all applicants be considered as having graduated from an ETAC/ABET-accredited program if their program is/was accredited within three years after their graduation.~~

**ACTION: The Nebraska engineering board removed the motion from the consent agenda. The board proposed an amendment to add a provision for jurisdictions that do not allow ETAC/ABET-accredited degrees to fulfill education requirements. Colorado seconded the motion to amend. After discussion, the motion to amend passed. Returning to debate of the motion as amended, a delegate from the Texas board asked if the EAC/ABET version of this position statement has a two-year window for applicants whose programs become accredited after their graduation. CEO Cox answered that position statements 8 and 9 have three-year windows and the proposed changes to PS 7 model those. The motion passed as amended.**



4. Move that Position Statement 13 be revised as follows:

**PS 13 NCEES-Recommended Education/Experience Guidelines for P.E. Licensing**

<b>4-Year or More Degree</b>	<b>Years of Experience Required</b>	<b>Comments</b>
EAC/ABET accredited	4	NCEES PS 8
Canada (CEAB) accredited	4	
Non-EAC/ABET or non-CEAB accredited	4 or more	Education should be evaluated using the NCEES Engineering Education Standard.
<u>Recommendations below are only for member boards that must evaluate applicants who do not meet the minimum education of an EAC/ABET or equivalent degree as specified in PS 8.</u>		
ETAC/ABET accredited	6	Needed by some boards NCEES PS 7
Related science*	8	Needed by some boards Education should be evaluated using the NCEES Engineering Education Standard.
No degree	20	Needed by some boards

\*A related science curriculum from a school or college approved by the board is defined as a four-year curriculum leading to a bachelor of science degree in chemistry, physics, mathematics, or similar science curriculum.

**ACTION: The Kentucky board removed the motion from the consent agenda. The board proposed an amendment to restore the table’s center note on recommendations for ETAC/ABET accredited, related science, and no degrees. The Nebraska engineering board seconded the motion to amend. The motion to amend passed without discussion. Returning to the motion as amended, the motion passed as amended without further discussion.**

5. Move that the UPLG Committee be charged with incorporating the following language into *Model Rules* 240.30 D.

**240.30 Continuing Professional Competency**

D. Units

The conversion of other units of credit to PDHs is as follows:

1. 1 semester hour ..... 45 PDHs
2. 1 quarter hour ..... 30 PDHs
3. 1 continuing education unit ..... 10 PDHs
4. 1 hour of professional development in coursework, seminars, or professional or technical presentations made at meetings, conventions, or conferences ..... 1 PDH
5. For teaching in 1 through 4 above, apply multiple of 2\*
6. Publications
  - a. Each published peer-reviewed paper or book in the licensee’s area of professional practice ..... 10 PDHs
  - b. Each published paper or article (other than 6.a above) in the licensee’s area of professional practice ..... 5 PDHs
7. Active participation in professional and technical society (each organization) ..... 2 PDHs

<p>additions to original text  <del>deletions to original text</del>          additions made as a result of an amendment  <del>deletion made as a result of an amendment</del></p>
--

- 8. Each patent ..... 10 PDHs
- 9. Active participation in standards or code development technical committees, standards, or code commissions ..... up to 4 PDHs
- ~~9~~10. 1 hour of outreach activities ..... 1 PDH (not to exceed 3 PDHs)

\* Teaching credit is valid only for the first offering or presentation. Full-time faculty may not claim teaching credit associated with their regular duties.

**ACTION: The motion passed as part of the consent agenda.**

- 6. Move that Examination Administration Policy 5 and Position Statement 15 be revised as follows:

**EAP 5 NCEES Examinations Offered by a Member Board Within Its Jurisdiction**

- A. A member board may offer NCEES examinations only in its jurisdiction. The member board must make suitable arrangements to protect the confidentiality and security of the examinations according to NCEES guidelines. Administration of examinations must conform to the NCEES scheduled timeframes for examinations. Individual applicants should apply to the sponsoring jurisdiction in accordance with that jurisdiction’s operating policies and procedures. This policy does not preclude an examinee from sitting for a CBT examination in a different jurisdiction.
- ~~B. NCEES may provide directly to a university or college FE or FS examination data that will help measure learning outcomes of the total engineering or surveying education.~~
- ~~C. Member boards are encouraged to sponsor or otherwise facilitate use of the FE and FS examination results for internal use of institutional outcomes assessment, but such use should not subordinate or endanger the function, concept, or security of the FE or FS examination’s primary purpose as the first examination for professional licensure, in keeping with the underlying mission of safeguarding the health, safety, and welfare of the public.~~
- ~~D. This policy does not preclude a member board from offering the examinations at an NCEES-approved site to U.S. military personnel stationed at military bases outside the United States.~~

**PS 15 FE or FS Examination as an Outcomes Assessment Tool**

- A. Engineering and surveying programs should strongly consider using the FE or FS exam topic-level performance data as part of their program assessment, with proper regard for the caveats described.\*
- B. Programs that will gain the most from using the FE or FS exam as an assessment tool are those programs in which all students are required to take the FE or FS exam, all students are required to take the discipline-specific exam (applicable to the FE exam only), the faculty establish specific goals for their program, and comparisons are made with peer institutions that have similar requirements.
- ~~C. Member boards should become proactive in working with academic programs to stress the use and value of the FE exam as an assessment tool.~~
- ~~C. Member boards are encouraged to sponsor or otherwise facilitate use of the FE and FS examination results for internal use of institutional outcomes assessment, but such use should not subordinate or endanger the function, concept, or security of the FE or FS examination’s primary purpose as the first examination for professional licensure, in keeping with the underlying mission of safeguarding the health, safety, and welfare of the public.~~
- D. Institutions must remember that the primary purpose of the FE or FS is to assess minimal technical competencies. Other assessment tools need to be used to assess higher-level theories or critical thought that might be the focus of some portion of their program.
- E. The results of each FE or FS exam should be sent directly to institutions for their use. NCEES may provide directly to a university or college additional FE or FS examination data that will help measure learning outcomes of the total engineering or surveying education.

\*Refer to *Using the Fundamentals of Engineering (FE) Examination as an Outcomes Assessment Tool*, National Council of Examiners for Engineering and Surveying, March 2019.

**ACTION: The motion passed as part of the consent agenda.**

### Committee on Examination Policy and Procedures

President Knotts presented the motions from the Committee on Examination Policy and Procedures. The committee's report begins on page 64 of the *Action Items and Conference Reports*.

1. Move that Exam Development Policy 1 be amended as follows:

#### **EDP 1 Examinations**

It shall be the policy of NCEES in all publications and correspondence to refer to the respective examinations only as follows:

- A. Fundamentals of Engineering (FE) examination
- B. Principles and Practice of Engineering (PE) examination, ~~including~~ which includes the 16-hour Structural Engineering (SE) examination
- C. Fundamentals of Surveying (FS) examination
- D. Principles and Practice of Surveying (PS) examination

The purpose of the examinations is to assess licensure candidates' abilities to practice competently as engineers or surveyors and to assist member boards in the regulation of the practice of engineering and surveying as it relates to safeguarding the health, safety, and welfare of the public.

**ACTION: The motion passed as part of the consent agenda.**

2. Move that Exam Development Policy 3 be amended as follows:

#### **EDP 3 Engineering and Surveying Examinations and Formats**

- A. ~~The Fundamentals of Engineering examination shall be administered via computer-based testing (CBT) and have supplied references.~~

##### Fundamentals of Engineering Examination

The Fundamentals of Engineering examination shall be administered via computer-based testing (CBT) and have supplied references.

- B. Principles and Practice of Engineering Examinations

The Principles and Practice of Engineering examinations shall be offered ~~only~~ in the following disciplines and shall be open-book, pencil-and-paper examinations or offered via CBT with supplied references as defined in EAP 4:

1. Agricultural and Biological
2. Architectural
3. Chemical
4. Civil
5. Control Systems
6. Electrical and Computer—Computer Engineering
7. Electrical and Computer—Electronics, Controls, and Communications
8. Electrical and Computer—Power
9. Environmental

<p><del>additions to original text</del> <del>deletions to original text</del> <u>additions made as a result of an amendment</u> <del>deletions made as a result of an amendment</del></p>
--

10. Fire Protection
11. Industrial and Systems
12. Mechanical—HVAC and Refrigeration
13. Mechanical—Machine Design and Materials
14. Mechanical—Thermal and Fluid Systems
15. Metallurgical and Materials
16. Mining and Mineral Processing
17. Naval Architecture and Marine
18. Nuclear
19. Petroleum
20. 16-hour Structural Engineering

C. Surveying Examinations

The surveying examinations shall be available as follows:

1. The Fundamentals of Surveying examination shall be administered via CBT and have supplied references.
2. The Principles and Practice of Surveying examination shall be administered via CBT and have supplied references.
3. Member boards shall reserve the right to administer, score, and report state-specific examinations.

D. Examination Item Banks

Examination items for all examinations shall be maintained ~~solely either~~ at NCEES headquarters or at an offsite testing service that is able to demonstrate insurance, bond, or reserve to cover the pecuniary liability for the items should the items be compromised, lost, or damaged by the testing service.

1. At the time an exam development committee releases a linear, fixed form (LFF) exam to be published, the exam item bank shall contain sufficient operational items to create three times the number of exam forms available to examinees in a testing window.
2. At the time an exam development committee releases a pool of items to be published for linear-on-the-fly testing (LOFT), the pool shall contain, at a minimum, the number of operational items required to create three unique, non-overlapping exam forms. At the time of publishing, the exam item bank shall have sufficient operational items to create two additional pools of similar composition. Pool size will be determined by the psychometric consultant per the criteria listed in the *NCEES Exam Development Procedures Manual*.

E. Exam Contingency Plans

The chief executive officer shall have contingency plans available in the event of any irregularity that impacts the security of an exam or the ability to administer an exam per NCEES exam policies or prescribed schedules.

F. Exam Preparation Material Development

Exam preparation material shall be developed for each NCEES examination. This material shall provide sample questions and solutions on each major topic area sufficient to provide candidates with a sense of the structure, scope, and difficulty of the examination. Exam preparation material shall remain current and be available six months prior to the administration of an examination.

**ACTION: The motion passed as part of the consent agenda.**

3. Move that Exam Development Policy 3B, Exam Development Policy 15B, and Exam Administration Policy 8E be amended as follows:

**EDP 3 Engineering and Surveying Examinations and Formats**

- B. The Principles and Practice of Engineering examination shall be offered only in the following disciplines and shall be open-book, pencil-and-paper examinations or offered via CBT with supplied references as defined in EAP 4:

20. 16-hour Structural Engineering

The 16-hour Structural Engineering examination shall consist of two 8-hour components: the Vertical Forces (gravity/other) and Incidental Lateral component and the Lateral Forces (wind/earthquake) component. The 16-hour Structural Engineering examination shall be considered and referred to as one examination.

**EDP 15 Reporting of Scores**

~~B. 16 Hour Structural Engineering~~

~~The Structural Engineering examination shall be considered and referred to as one 16 hour examination.~~

~~The Structural Engineering examination shall consist of two 8 hour components: the Vertical Forces (gravity/other) and Incidental Lateral component and the Lateral Forces (wind/earthquake) component. A candidate must receive acceptable results on both 8 hour components to pass the Structural Engineering examination. A candidate may sit for each component in separate exam administrations.~~

~~A component results notice will be transmitted to the member board for each administration that a candidate takes a component. After a candidate has received an acceptable result on both components, an examination pass notice will be transmitted to the member board to indicate that the candidate has passed the Structural Engineering examination.~~

**EAP 8 Release and Use of Examination Results**

- E. ~~The Structural Engineering examination shall be considered and referred to as one 16 hour examination.~~ For the 16-hour Structural Engineering examination, a candidate may sit for either component in separate exam administrations but must receive acceptable results on both components within a five-year period in order to pass the examination.

A component results notice will be transmitted to the member board for each administration in which a candidate takes a component. Receiving an acceptable result on only one 8-hour component shall not be sufficient for any licensure purposes. After a candidate has received an acceptable result on both components, an examination pass notice will be transmitted to the member board to indicate that the candidate has passed the 16-hour Structural Engineering examination.

**ACTION: The motion passed as part of the consent agenda.**

4. Move that Exam Development Policy 4 be deleted.

**EDP 4 Availability**

- ~~A. The following examinations shall be available on a regular schedule per EAP 2:~~

- ~~1. Fundamentals of Engineering~~
- ~~2. Principles and Practice of Engineering~~
- ~~3. Fundamentals of Surveying~~
- ~~4. Principles and Practice of Surveying~~

~~B. Depth modules for the Principles and Practice of Surveying examination shall be offered on a regular schedule as adopted by the board of directors.~~

~~C. CBT examinations shall be made available in testing windows.~~

**ACTION: The motion passed as part of the consent agenda.**

5. Move that Exam Development Policy 5 be amended as follows:

**EDP 5 Entry of New Discipline or Depth Module or Reinstatement to PE Examination Status**

A. Accreditation Requirement

No discipline shall be added or reinstated to the examination program unless there is an EAC/ABET-accredited program in the discipline.

B. Technical Society Requirement

No discipline shall be added or reinstated unless a technical society agrees to sponsor the examination. All technical societies that sponsor examinations shall sign an agreement with NCEES delineating the responsibilities of both parties in developing the examinations.

C. Member Board Requirement

Requests for examinations and/or depth modules shall be made by no fewer than 10 member boards collectively who can each demonstrate a need for the examination or depth module in their jurisdiction. A request older than four years must be reaffirmed by the member board. Requests shall include proof of such need, estimate of usage, and impact on safeguarding the health, safety, and welfare of the public. Proof of need shall include evidence that knowledge areas and skills are not adequately measured in an existing examination or module and that additional knowledge areas and skills required for the discipline are sufficient to support a new examination or module.

D. Minimum Number of Exam Candidates

No discipline or depth module shall be added or reinstated to the examination program unless the number of candidates for an ongoing examination conforms to NCEES policies and procedures. If that is demonstrated, a professional activities and knowledge study (PAKS) shall be conducted to establish that the addition in question is composed of a unique set of knowledges important for safeguarding the health, safety, and welfare of the public.

E. CBT Format

The request shall include a plan to develop the exam in CBT format.

F. Notification to Member Boards

Member boards shall be notified one year in advance of the addition or reinstatement of any discipline or depth module to the PE examination program.

**ACTION: The motion passed as part of the consent agenda.**

6. Move that Exam Development Policy 6 be amended as follows:

**EDP 6 Adoption of a New Discipline-Specific FE Examination**

A. Accreditation Requirement

No discipline shall be added to the examination program unless there is an EAC/ABET-accredited program in the discipline.

B. Member Board Requirement

Requests for the discipline-specific FE examination must be made by no fewer than 10 member boards collectively who can each demonstrate a need for that discipline in their jurisdiction. Requests shall include proof of such need, estimate of usage,

<p><del>additions to original text</del> <del>deletions to original text</del> additions made as a result of an amendment <del>deletion made as a result of an amendment</del></p>
--

and impact on safeguarding the health, safety, and welfare of the public. Proof of such need shall include evidence that knowledge areas and skills are not adequately measured in an existing FE examination and evidence that those knowledge areas and skills are required for the discipline are sufficient to support a new FE examination.

C. Notification to Member Boards

Member boards shall be notified at least one year in advance of the addition of any discipline-specific module to the FE examination program.

**ACTION: The motion passed as part of the consent agenda.**

7. Move that Exam Development Policy 8 be amended as follows:

**EDP 8 Deleting/Combining/Renaming a Discipline or Module from the Examination Program**

A. Deleting/Combining of Pencil-and-Paper Examinations

If in two consecutive administrations of pencil-and-paper examinations, there have been fewer than 50 total first-time examinees from NCEES jurisdictions in a specific examination or module, the Committee on Examination Policy and Procedures (EPP) shall review the desirability of continuing the subject examination or module and make one of the following recommendations to the board of directors:

1. Continue to prepare the examination or module.
2. Request the appropriate exam development committee to prepare and submit a specific remedial action plan for increasing the number of first-time takers to a level that meets or exceeds the minimum candidate requirements in the time period specified by the EPP Committee.
3. ~~Recommend that~~ Place the examination or module ~~be placed~~ on probation. The EPP Committee shall specify the conditions of the probation, including a time frame for corrective action. The recommendation may include the combination of the examination with another examination or other such action as the EPP Committee deems appropriate.
4. Discontinue the examination or module.

B. Deleting/Combining of CBT Examinations

If the population of first-time examinees from NCEES jurisdictions for any NCEES CBT examination or module is not adequate to provide for accurate psychometric analysis, the EPP Committee shall review the desirability of continuing the subject examination or module and make one of the following recommendations to the board of directors:

1. Continue to prepare the examination or module.
2. Request the appropriate exam development committee to prepare and submit a specific remedial action plan for increasing the number of first-time takers to a level that meets or exceeds the minimum candidate requirements in the time period specified by the EPP Committee.
3. ~~Recommend that~~ Place the examination or module ~~be placed~~ on probation. The EPP Committee shall specify the conditions of the probation, including a time frame for corrective action. The recommendation may include the combination of the examination with another examination or other such action as the EPP Committee deems appropriate.
4. Discontinue the examination or module.

C. Request to Delete an Examination or Module

If an NCEES committee, technical society, or other group desires to have an examination or module deleted, it should make a request to the EPE/EPS Committee. The EPE/EPS Committee will review the request and make a recommendation to the board of directors.

D. Request to Rename an Examination

Any requests to rename an examination or module or to combine two or more discipline examinations or modules should also be made to the EPE/EPS Committee. Requests shall include proof of such need, estimate of usage, and impact on safeguarding the health, safety, and welfare of the public. Proof of such need shall include evidence that knowledge areas and skills are not measured adequately in an existing examination or module and evidence that those knowledge areas and skills required for the discipline are sufficient to support a new, combined, or renamed examination or module. The EPE/EPS Committee will review the request and make a recommendation to the board of directors.

E. Adequate Item Bank Requirement

If an examination-preparing entity fails to have on file with NCEES at all times an adequate item bank as specified in paragraph D of EDP 3, including solutions and knowledges being assessed, the EPP Committee shall review the desirability of continuing the examination or module and make one of the following recommendations to the board of directors:

1. Continue to prepare the examination or module.
2. Discontinue the examination or module.
3. ~~Put~~ Place the examination or module on probation and recommend specific remedial action that may include contracting for item writing with an outside entity or other such action as the EPP Committee deems appropriate. If such remedial action fails to cause the examination to meet the requirements of paragraph D of EDP 3 within one year after the examination was put on probation, the EPP Committee shall recommend appropriate action to the board of directors.

F. Sufficient Data for Exam Audit Requirement

If an examination-preparing entity fails to provide the Examination Audit Committee with sufficient data to conduct an adequate audit for two consecutive audit cycles, the EPP Committee shall review the desirability of continuing the examination or module and make one of the following recommendations to the board of directors:

1. Continue to prepare the examination or module.
2. Discontinue the examination or module.
3. ~~Put~~ Place the examination or module on probation and recommend specific remedial action that the EPP Committee deems appropriate. If the examination entity fails to provide sufficient data to successfully complete the next scheduled examination audit, the EPP Committee shall recommend appropriate action to the board of directors.

G. Temporary Suspension of an Examination

If, upon the chief executive officer's recommendation and an EPE/EPS Committee evaluation, the board of directors determines that an examination does not meet the policies, specifications, and/or guidelines of the Council, the board of directors may temporarily suspend the offering of an examination in that particular discipline.

**ACTION: The motion passed as part of the consent agenda.**

8. Move that Exam Development Policy 10 be amended as follows:

**EDP 10 Adoption of a New Depth Module for the PS Examination**

~~A. No depth module shall be added to the Principles and Practice of Surveying examination unless and until no fewer than 10 member boards collectively request the module. Requests shall include proof of need, estimates of usage, and impact on safeguarding the health, safety, and welfare of the public.~~



A. Member Board Requirement

Requests for depth modules shall be made by no fewer than 10 member boards collectively who can each demonstrate a need for the depth module in their jurisdiction. A request older than four years must be reaffirmed by the member board. Requests shall include proof of such need, estimate of usage, and impact on safeguarding the health, safety, and welfare of the public. Proof of need shall include evidence that knowledge areas and skills are not adequately measured in an existing examination or module and that additional knowledge areas and skills required for the discipline are sufficient to support a new module.

B. Minimum Number of Exam Candidates

No discipline or depth module shall be added or reinstated to the examination program unless the number of candidates for an ongoing examination conforms to NCEES policies and procedures. If that is demonstrated, a professional activities and knowledge study (PAKS) shall be conducted to establish that the addition in question is composed of a unique set of knowledges important for safeguarding the health, safety, and welfare of the public.

C. Statutory Requirement for a Depth Module

~~B.~~—A depth module must address a distinct PS practice area included within statutory coverage of the 10 requesting jurisdictions in the member boards requesting the module.

~~C~~D. CBT Format Requirement

The request shall include a plan to develop the exam in CBT format.

~~D~~E. Notification to Member Boards

Member boards shall be notified one year in advance of the addition of any depth module to the PS examination.

**ACTION: The motion passed as part of the consent agenda.**

9. Move that Exam Development Policy 11 be amended as follows:

**EDP 11 Item Writers, Pass-Point Evaluators, Reviewers, and Scorers**

A. Qualification Requirement

Each person involved as an item writer, pass-point evaluator, reviewer, or scorer for the NCEES PE or PS examinations must have an active professional license issued by an NCEES member board, must be qualified in the appropriate discipline, and must be familiar with requirements for and capabilities of candidates who are minimally qualified to practice in that discipline. Engineers and surveyors with licenses that have inactive or retired status are ineligible to serve in these positions.

B. Pass-Point Evaluation Team Requirements

Exam committees shall require that at least one person who participates on the pass-point evaluation team be a person who has worked on the current development of an examination undergoing a pass-point evaluation ~~will participate on the pass-point evaluation team.~~ The number of current exam development members participating in the pass-point evaluation ~~for Group I exams shall be no more than one-quarter of the pass-point evaluation team and for Group II exams shall be no more than one-third of the pass-point evaluation team.~~ Any exam committee member involved in preliminary testing of the examination undergoing the pass-point evaluation shall be excluded from participating on the pass-point evaluation team for that examination.

C. Restriction on Teaching Refresher Courses

Any person serving on an NCEES examination development committee or involved in a pass-point evaluation panel shall not teach a refresher course related to that examination within three years ~~of~~ after serving on the committee or panel.

D. Exam Developers Requirement

Any person involved in the development of an NCEES examination who is later required by a ~~jurisdiction~~ member board to sit for that examination must inform that ~~jurisdiction member board~~ that he or she worked on the development of that examination.

**ACTION: The motion passed as part of the consent agenda.**

10. Move that Exam Development Policy 13 be amended as follows:

**EDP 13 Security of Examination Material**

No items or item banks in current use for NCEES examinations shall be used for any purpose outside of the NCEES examination program.

~~All member boards shall observe approved NCEES requirements.~~

**ACTION: The motion passed as part of the consent agenda.**

11. Move that Exam Development Policy 16 be amended as follows:

**EDP 16 EPE and EPS Committee Members**

Committee Qualifications

Members of the EPE and EPS Committees should, ~~to the extent practicable, be representatives of the engineering and surveying disciplines within the various~~ include current and/or past representatives from their respective exam development committees.

**ACTION: The motion passed as part of the consent agenda.**

12. Move that Exam Development Policy 17 be amended as follows:

**EDP 17 Examination Audits**

The Examination Audit Committee shall audit all examinations developed by NCEES. The following constraints shall be used:

A. Pencil-and-paper examinations

1. All benchmark exams, which are the first exams administered following a professional activities and knowledge study (PAKS), shall be audited.
2. Each exam shall be audited at least once between benchmark exam audits.
3. There shall be no more than four years between audits.

B. CBT examinations

1. CBT representative examinations (as created by the testing service psychometrician) from the benchmark item pool, which is the first item pool following a PAKS, shall be audited.
2. CBT representative examinations shall be audited at least once between benchmark item pool audits.
3. There shall be no more than four years between audits.

The president-elect shall, in developing charges for the Examination Audit Committee, develop a list of examinations for audit in consultation with the current chair of the Examination Audit Committee and the NCEES examination services director. Circumstances may prevail that would affect which examinations are selected for audit in a given year.

The Examination Audit Committee shall review each exam audited as to its conformance with specified criteria set forth in the Examination Audit Committee procedures.

**ACTION: The motion passed as part of the consent agenda.**

13. Move that Exam Administration Policy 1 be amended as follows:

**EAP 1 Administration of Examinations**

A. Guidelines and Procedures

NCEES will publish examination administrative procedures that will provide guidelines and procedures ~~for that member boards~~ shall follow in the use of NCEES engineering and surveying examinations. The guidelines and procedures will cover matters concerning security, use, scoring, and general administration of such examinations for the purposes for which they are designated to ensure fair and equitable treatment of ~~jurisdictions member boards~~ and examination candidates.

B. Testing Regulations

Member boards or their designated representative will provide to each candidate approved to take NCEES examinations information regarding regulations to be observed during the examinations and actions that may be taken in the event of a testing irregularity.

C. Candidate Admission

Approval of candidates applying to take NCEES examinations shall be by the individual member boards or their designated representative. To sit for an NCEES examination, candidates will be required to obtain a unique identification number from NCEES. Only candidates with an NCEES-supplied identification number will be allowed admission into the examination site. Candidates not allowed admission to the morning session of a pencil-and-paper examination will not be admitted to the afternoon session.

D. Restriction of Who Can Be in the Examination Room

For pencil-and-paper examinations, only preauthorized member board members, member board staff, proctors, NCEES-designated representatives, and candidates actually taking an examination will be permitted in the examination room.

E. Restriction of Retaking an Examination

Candidates who have passed an examination may not retake that same examination unless required by a member board.

F. Irregularity Restriction

If a candidate's examination results are not released due to a suspected exam irregularity, the candidate will not be allowed to register for another exam until the investigation is complete and the irregularity has been resolved per the *Security and Administrative Procedures Manual*.

G. Examination Scheduling Restriction

A candidate for a CBT exam may take the examination only one time per testing window and no more than three times in a 12-month period.

H. Committee on Examination Audit

The Committee on Examination Audit shall include, as part of its auditing responsibilities, a review of the examination administrative procedures manual for content and effectiveness.

I. Banned Registration Requirements

If a member board bans an examinee from registering for an examination as referenced in EAP 8, it shall be the responsibility of that member board to notify NCEES of the specific terms and reasons for the ban. NCEES will make this information available to all member boards. The decision as to whether another member board agrees to honor the terms of the original member board's decision to ban this examinee's registration will remain with the individual member boards.

**ACTION: The motion passed as part of the consent agenda.**

14. Move that Exam Administration Policy 4 be amended as follows:

**EAP 4 Materials Permitted and Not Permitted in Examination Room**

A. Pencil-and-Paper and CBT Examinations

1. Devices or materials that might compromise the security of the examination or examination process are not permitted. These include any devices with copying, recording, or communication capabilities.
2. Only models of calculators as specified or supplied by NCEES are permitted in the examination room.
3. Only NCEES-supplied marking and erasing instruments are permitted for use in the examination room.
4. Other items specifically allowed by the current NCEES *Examinee Guide* are permitted.

B. Open-Book Examinations

1. The following reference materials and aids may be brought into the examination room by the examinee for his or her personal use only:
  - a. Handbooks and textbooks
  - b. Bound reference materials, provided that the material be and remain contained (bound) in a cover during the entire examination, ~~bound referring to~~. The term "bound" refers to the following:
    - (1) Material bound permanently, i.e., stitched or glued
    - (2) Material fastened securely in its cover by fasteners that penetrate all papers, e.g., ring binders, spiral binders, plastic snap binders, brads, screw posts. Loose material inside binder pockets does not qualify as bound.
2. Examinees are not permitted to exchange any reference materials.
3. Writing tablets, unbound tables, or unbound notes are not permitted in the examination room.
4. Examinees may tab reference books prior to the examination with Post-it™ type notes and flags, but pads of Post-it type notes and flags are not permitted in the examination room.

C. Closed-Book Examinations

Only NCEES-supplied reference materials are permitted for use in the examination room.

**ACTION: The motion passed as part of the consent agenda.**

15. Move that Exam Administration Policy 5 be amended as follows:

**EAP 5 NCEES Examinations Offered by a Member Board Within Its Jurisdiction**

A. Jurisdiction Limitation

A member board may offer NCEES examinations only in its jurisdiction. The member board must make suitable arrangements to protect the confidentiality and security of the examinations according to NCEES guidelines. Administration of examinations must conform to the NCEES scheduled timeframes for examinations. Individual applicants should apply to the sponsoring ~~jurisdiction-member board~~ in accordance with that jurisdiction's operating policies and procedures. This policy does not preclude an examinee from sitting for a CBT examination in a different jurisdiction.

\*\*\*\*\*

- C. Member boards are encouraged to sponsor or otherwise facilitate use of the FE and FS examination results for internal use of institutional outcomes assessment, but such use should not subordinate or endanger the function, concept, or security of the FE or FS examination's primary purpose as the first examination for professional licensure, in keeping with the underlying mission of safeguarding the health, safety, and welfare of the public.

D. U.S. Military Base Exemption

This policy does not preclude a member board from offering the examinations at an NCEES-approved site to U.S. military personnel stationed at military bases outside the United States.

**ACTION: The motion passed as part of the consent agenda.**

16. Move that Exam Administration Policy 8, Exam Administration Policy 5B, and Exam Development Policy 15 C and D be amended as follows:

**EAP 8 Release and Use of Examination Results**

A. Results Reporting

Examination results shall be released only to the respective member board, to its designee, or directly to examinees as directed by the member board. Examination results for candidates suspected of an exam irregularity shall not be released until the irregularity has been resolved per the *Security and Administrative Procedures Manual*. Reporting of examination results for candidates will be reported only as pass or fail. All failing candidates will be provided with a diagnostic report to indicate performance on those sections attempted.

The converted scores for each candidate will be furnished to member boards upon request. The use of individual candidate scores is for licensure purposes only, that is, to establish minimum competency. Individual candidate names and scores shall not be published, made public, used to make related comparisons, or used for purposes other than licensure. For example, scores above passing shall not be used to rank-order or differentiate among passing candidates.

B. Validity and Integrity

NCEES shall strive to ensure that the validity and integrity of the examinations are preserved and examinees are treated in a fair and equitable manner. NCEES reserves the right to treat exam scores as final and not subject to change after one year has passed from the date of release from NCEES to the member boards. If there is a post-roster change within a year of the date NCEES releases the examination results roster to the member boards, then NCEES will notify the member board only if the post-roster change alters a candidate's status from fail to pass.

NCEES reserves the right to notify the member boards at any time if it learns that a candidate engaged in any improper conduct relating to the exam on which the score was obtained or took any action that jeopardized the security of any other NCEES exam or exam administration.

C. In Case of an Irregularity

Examination results for any examinee suspected of an exam irregularity will be provided ~~in perpetuity~~ to the affected member board in a report segregated from all other examinee score reports. This ~~special~~ report will identify the examinee and provide the examinee score information. After the release of the ~~special~~ score report, NCEES will provide the member board with the results of any analysis conducted or other information pertaining to the suspected irregularity. The member board will conduct a review and notify NCEES of its findings and any action taken. An examination irregularity is one that potentially compromises the exam integrity or provides individual candidates with benefits not afforded to other candidates.

D. Examinee Non-Compliance

Examination results for any examinee who fails to comply with the conditions stated in the NCEES *Examinee Guide* are subject to invalidation by NCEES in accordance with the list below. Exam irregularities that may be grounds for exam invalidation by the member boards are included in the second list below. The identity of any examinee whose results are invalidated and the reason for invalidation will be provided to the affected member board. Examinees identified by post-exam collusion analysis are subject to EAP 8C above.

The following items in the NCEES *Examinee Guide* are grounds for a candidate to be dismissed from the exam room and for a candidate's exam results to be invalidated by NCEES:

- Having a device with copying, recording, or communication capabilities in his or her possession
- Having a calculator that is not on the NCEES-approved list
- Removing pages from his or her exam booklet on pencil-and-paper examinations
- Leaving the exam area without authorization

The following are the items in the NCEES *Examinee Guide* that are grounds for a candidate's exam results to be invalidated by a member board:

- Having loose papers, legal pads, writing tablets, or unbound notes in his or her possession
- Using a non-NCEES writing instrument or eraser to complete any portion of the exam
- Beginning the exam before the proctor instructs him or her to do so
- Failing to stop writing immediately when time is called on pencil-and-paper examinations
- Writing on anything other than the exam booklet or answer sheet on pencil-and-paper examinations
- Violating any other terms stated in these regulations that are cause for dismissal or exam invalidation

The following item in the NCEES *Examinee Guide* falls under collusion and is already grounds for invalidation by the member boards:

- Copying from another examinee's answer sheet or colluding with other examinees

#### E. Structural Engineering Examinations

~~The Structural Engineering examination shall be considered and referred to as one 16 hour examination.~~ For the 16-hour Structural Engineering examination, a candidate may sit for either component in separate exam administrations but must receive acceptable results on both components within a five-year period in order to pass the examination. Receiving an acceptable result on only one 8-hour component shall not be sufficient for any licensure purposes.

#### F. Release to Universities and Colleges

NCEES may provide directly to a university or college FE or FS examination data that will help measure learning outcomes of the total engineering or surveying education.

### **EDP 15 Reporting of Scores**

#### ~~C. Candidate Score Reports~~

~~Reporting of examination results for candidates will be reported only as pass or fail. All failing candidates will be provided with a diagnostic report to indicate performance on those sections attempted.~~

#### ~~D. Release of Candidate Scores to Member Boards~~

~~The converted scores for each candidate will be furnished to member boards upon request. The use of individual candidate scores is for licensure purposes only, that is, to establish minimum competency. Individual candidate names and scores shall not be published, made public, used to make related comparisons, or used for purposes other than licensure. For example, scores above passing shall not be used to rank order or differentiate among passing candidates.~~

### **EAP 5 NCEES Examinations Offered by a Member Board Within Its Jurisdiction**

~~B. NCEES may provide directly to a university or college FE or FS examination data that will help measure learning outcomes of the total engineering or surveying education.~~

**ACTION: The motion passed as part of the consent agenda.**

17. Move that Exam Administration Policy 10 be amended as follows:

**EAP 10 NCEES Examinations Offered to a Foreign Entity**

A. Authority of CEO

Upon receiving a request, the chief executive officer may be authorized by the NCEES board of directors to enter into discussions with a foreign entity concerning the administration of NCEES examinations at a foreign site. The discussions will include an assurance that NCEES examinations will be administered in full compliance with all NCEES examination policies and procedures. All costs borne by NCEES to carry out this provision will be reimbursed.

B. Contracting with Foreign Entities

NCEES may contract with the foreign entity to provide administration of its examinations to the foreign entity's engineering or surveying applicants, upon approval of the Council. A draft agreement that defines areas of responsibility for the foreign entity and NCEES may then be created. The agreement will require, at a minimum, that the foreign entity reimburse all costs borne by NCEES to carry out the provisions of the agreement.

As an exception, the NCEES board of directors is authorized to permit the Fundamentals of Engineering and the Fundamentals of Surveying examinations to be administered at NCEES-approved test sites to applicants from a foreign ABET-accredited engineering or surveying program. At a minimum, all costs borne by NCEES to carry out this provision will be reimbursed.

C. Minimum Criteria for Examinees

For any approved agreement, NCEES will establish minimum criteria for examinees of the foreign entity that are in general conformance with the existing NCEES *Model Law* and *Model Rules*. NCEES will retain the score information for examinees of foreign entities and will transmit that information to any member board when requested.

D. Use of Examination Results for Licensure

The examinations may be used to assist examinees interested in applying for licensure as a professional engineer or surveyor with an NCEES member board as well as an outcomes assessment tool to assist in measuring the outcomes of a foreign-based education system.

However, in the event that the examinee elects to use the results of the examination for the purpose of applying for licensure, the member board may not be precluded from imposing any additional requirements related to state licensure, including but not limited to educational and experience requirements.

E. Restriction on Use of Examination Results

Examinee performance data from examinations provided to a foreign entity shall not be included in exam evaluation or development, used to establish cut scores, or included in exam result statistics for NCEES jurisdictions. Examinee performance data from exams provided to a foreign entity may be evaluated and reported separately.

F. Release of Examinee Performance Data

NCEES may release examinee performance data to an ABET-accredited foreign educational program or to the foreign governing body or professional organization as provided in the contract or as approved by the board of directors.

**ACTION: The motion passed as part of the consent agenda.**

18. Move that Exam Administration Policy 12 be amended as follows:

**EAP 12 Exam Administration Audits**

Member boards or their authorized representatives are required to participate in exam administration audits as established by the NCEES board of directors' exam administration audit plan in order to ensure consistency in exam administration and security.

Member boards or their authorized representatives will follow the procedures established in the Auditing Compliance with Exam Procedures section of the NCEES *Security and Administrative Procedures Manual*. These will include member board self-audits, onsite follow-up audits, and the use of current NCEES Compliance and Security Audit forms.

CBT examination forensics, including a secret shopper-type program (which shall include a person who is requested to take the exam at a test center to verify quality assurance of the examination process), may be performed in accordance with the vendor-NCEES contract. Secret shopper exposure to NCEES examination content is restricted to an NCEES staff member or a licensed engineer or surveyor who has already passed the appropriate NCEES exam.

**ACTION: The motion passed as part of the consent agenda.**

19. Move that Exam Administration Policy 13 be amended as follows:

**EAP 13 Proctors for Administration of ~~Pencil and Paper~~ Examinations**

Any person who teaches a refresher course or is actively involved in preparation of non-NCEES-sponsored review material for an NCEES ~~pencil and paper~~ examination shall not serve as a proctor for any NCEES examination.

**ACTION: The motion passed as part of the consent agenda.**

20. Move that Exam Administration Policy 5 be amended as follows:

**EAP 5 NCEES Examinations Offered by a Member Board Within Its Jurisdiction**

- A. A member board may offer NCEES examinations only in its jurisdiction except as noted in paragraph E. The member board must make suitable arrangements to protect the confidentiality and security of the examinations according to NCEES guidelines. Administration of examinations must conform to the NCEES scheduled timeframes for examinations. Individual applicants should apply to the sponsoring jurisdiction in accordance with that jurisdiction's operating policies and procedures. This policy does not preclude an examinee from sitting for a CBT examination in a different jurisdiction.
- B. NCEES may provide directly to a university or college FE or FS examination data that will help measure learning outcomes of the total engineering or surveying education.
- C. Member boards are encouraged to sponsor or otherwise facilitate use of the FE and FS examination results for internal use of institutional outcomes assessment, but such use should not subordinate or endanger the function, concept, or security of the FE or FS examination's primary purpose as the first examination for professional licensure, in keeping with the underlying mission of safeguarding the health, safety, and welfare of the public.
- D. This policy does not preclude a member board from offering the examinations at an NCEES-approved site to U.S. military personnel stationed at military bases outside the United States.
- E. Beginning with the April 2022 pencil-and-paper administration, the 16-hour PE Structural Engineering exam will be offered as a regional exam and administered only by NCEES. This policy will continue until the exam transitions to computer-based testing. Examinees will be allowed to travel beyond jurisdictional boundaries to take the exam.



**ACTION: The Maine engineering board removed the motion from the consent agenda. President Knotts provided an explanation for the motion, noting that any state with a practice act or partial practice act will have a testing site and that this motion would allow examinees to test across jurisdictions. The motion passed after debate.**

### **Committee on Uniform Procedures and Legislative Guidelines**

President Knotts presented the motions from the Committee on Uniform Procedures and Legislative Guidelines. The committee's report begins on page 82 of the *Action Items and Conference Reports*.

1. Move that the *Model Law* 140.20 D be amended as follows.

#### **140.20 Expirations, Renewals, and Reinstatement to Active Practice**

- D. If a licensee is granted inactive status, the licensee may return to active status by notifying the board in advance of this intention, by paying appropriate fees, and by meeting all requirements of the board, including demonstration of continuing professional competency as a condition of reinstatement. In the event that an inactive licensee
  1. ~~does~~ Does not maintain a current license in any jurisdiction; and
  2. Is not able to demonstrate proof of lawful engineering and/or surveying practice for the ~~three previous~~ five years immediately prior to requesting reinstatement, that individual ~~will~~ may be required to take and pass the NCEES Principles and Practice of Engineering (PE) examination or the NCEES Principles and Practice of Surveying (PS) examination and jurisdiction-specific examinations prior to reinstatement to demonstrate proof of current competency.

**ACTION: The motion passed as part of the consent agenda.**

2. Move that the *Model Rules* 240.30 B be amended as follows.

#### **240.30 Continuing Professional Competency**

##### B. Definitions

Terms used in this section are defined as follows:

1. Professional Development Hour (PDH)—One contact hour (nominal) of instruction or presentation. The PDH is the common denominator for other units of credit.
  - a. The term "contact hour" is defined as a minimum of 50 minutes of course/activity.
  - b. The total number of hours allowed for a course/activity cannot exceed the actual number of clock hours.

**ACTION: The motion passed as part of the consent agenda.**

3. Move that the *Model Rules* 240.30 C and E be amended as follows.

#### **240.30 Continuing Professional Competency**

The purpose of the continuing professional competency requirement is to demonstrate a continuing level of competency of licensees.

##### C. Qualifying Activities

PDHs may be earned as follows:

1. Successful completion of college courses
2. ~~Successful completion of short courses, tutorials, webinars, and distance education courses offered for self study, independent study, or group study and through synchronous or asynchronous delivery methods such as live, correspondence, archival, or the Internet~~

2. Successful completion of short courses, tutorials, webinars, and distance-education courses offered for documented individual or group study. The method of delivery can be through the following:

a. Face-to-face programs or live internet-based programs

b. Archived prerecorded programs or archived correspondence programs

3. Presenting or attending qualifying seminars, in-house courses, workshops, or professional or technical presentations made at meetings, conventions, conferences, or educational institutions
4. Teaching or instructing in 1 through 3 above
5. Authoring published papers, articles, books, or accepted licensing examination items
6. Active participation in professional or technical societies or in accrediting organizations
7. Patents
8. Active participation in educational outreach activities pertaining to professional licensure or the surveying/engineering professions that involve K-12 or higher education students

E. Determination of Credit

The board has final authority with respect to approval of courses, credit, PDH value for courses, and other methods of earning credit.

1. Credit for college or community college approved courses will be based upon course credit established by the college.
2. Credit for qualifying seminars and workshops will be based on 1 PDH for each hour of attendance. Attendance at qualifying programs presented at professional and/or technical society meetings will earn PDHs for the actual time of each program.
3. Credit determination for activities in subsections D.6 and D.8 is the responsibility of the licensee (subject to review as required by the board).
4. Credit for activity in subsection D.7, active participation in professional and technical societies (limited to 2 PDHs per organization), requires that a licensee serve as an officer and/or actively participate in a committee of the organization. PDHs are not earned until the end of each year of service is completed.

~~5. No more than 8 PDHs may be obtained during a 24 hour period.~~

**ACTION: The Nebraska engineering board removed the motion from the consent agenda. The board proposed an amendment to remove the limit of 8 PDHs within a 24-hour period. The Delaware engineering board seconded the motion to amend. The motion to amend passed after brief debate. Returning to the motion as amended, the motion passed as amended without further debate.**

4. Move that the *Model Law* 130.10 C be amended as follows.

**130.10 General Requirements for Licensure**

Education, experience, and examinations are required for licensure as a professional engineer or professional surveyor as set forth by the jurisdiction.

C. Surveying

2. Licensure as a Professional Surveyor
  - a. Initial Licensure as a Professional Surveyor

A surveyor intern with a specific record of four years or more of ~~combined office and~~ progressive ~~field~~ experience satisfactory to the board in surveying, ~~of which a minimum of three years of progressive field experience~~

additions to original text
deletions to original text
additions made as a result of an amendment
deletions made as a result of an amendment

~~satisfactory on surveying projects~~ under the supervision of a professional surveyor, shall be admitted to the NCEES Principles and Practice of Surveying examination and any required state-specific examinations. Upon passing these examinations, the applicant shall be licensed as a professional surveyor, if otherwise qualified.

**ACTION: The Delaware surveying board proposed an amendment to retain “combined office” and “field.” Idaho seconded the motion to amend. After extensive debate, the motion to amend passed. Returning to debate on the motion as amended, a delegate from Colorado asked if an amendment could be made to strike “progressive.” CEO Cox answered that such an amendment would need to be referred back to the UPLG Committee but would be passed along. A delegate from Iowa asked if NCEES had an official definition of “field experience.” CEO Cox answered that he did not think that NCEES had one and that the suggestion would also be passed along to UPLG. A delegate from Wyoming asked why Colorado’s amendment was not allowed. President Knotts answered that it was because the amendment changed *Model Law* words outside of those that UPLG had proposed, while the Delaware surveying amendment changed words that UPLG had proposed. After further debate, the motion passed as amended. Knotts thanked delegates for the lively debate, and Cox assured delegates that Colorado’s suggested amendment would be passed on to the UPLG Committee.**

### Fire Protection Task Force

The Fire Protection Task Force report begins on page 89 of the *Action Items and Conference Reports*.

1. Move that the current Position Statement 22 be replaced as follows.

#### **PS 22 Fire Protection**

~~NCEES recognizes that fire protection systems—including fire detection, alarm, and suppression systems—play an important role in safeguarding the health, safety, and welfare of the public. NCEES also recognizes the design and calculation of fire protection systems to be the practice of engineering.~~

~~NCEES recommends that member boards actively pursue enforcement of state statutes and rules with local permitting authorities having jurisdiction regarding the engineering supervision over the specification, design, and calculation of fire protection systems.~~

~~To implement the above, the following are recommended:~~

- ~~A. Contract drawings should include a set of fire protection drawings that are sealed by a licensed professional engineer.~~
- ~~B. Supervision by a licensed professional engineer is required in the review of fire protection installation shop drawings for compliance with the engineer’s design and specifications.~~
- ~~C. Oversight by a licensed professional engineer is required in the installation of an original permitted design.~~

#### **PS 22 Fire Protection**

NCEES recognizes that fire protection plays an important role in safeguarding the health, safety, and welfare of the public. NCEES also recognizes that the application of science and engineering principles to safeguard life, property, income, and the environment from the effects of fires, explosions, and related hazards to be the practice of fire protection engineering.

NCEES recommends that member boards actively pursue enforcement of state statutes, rules, and regulatory codes, with local permitting authorities having jurisdiction regarding the analysis and application of fire protection engineering.

NCEES recognizes that many states and territories do not license professional engineers by engineering discipline and that various aspects of fire protection engineering may be performed by licensed professionals (architects or engineers) with experience in the analysis, design, and application of fire protection systems. NCEES also recognizes that there are differences in

state statutes, rules, and regulatory codes among various states and territories and that these individual states and territories may establish thresholds of system type, complexity, size, or value that exempt specific fire protection systems below a minimum threshold from professional engineering, provided that these fire protection systems are designed and installed by a contractor or technician who is performing this work under a license or certification specifically for these fire protection systems.

For fire protection systems above or below the minimum threshold of system type, complexity, size, and value for professional engineering, the following are recommended whenever a professional engineer engages in the practice of fire protection engineering:

- A. All final engineering documents should be design documents prepared and sealed by a licensed professional engineer. The contents of the engineering documents should be determined by the licensed professional engineer based on their education and experience; should comply with state statutes, rules, and regulatory codes; and should be acceptable to all authorities having jurisdiction.
- B. All fire protection installation shop drawings should be reviewed by the licensed professional engineer in order to verify compliance with the engineer's design and specifications prior to submission of the shop drawings to any interested authority.
- C. The licensed professional engineer should provide oversight of the installation to verify compliance with contract requirements.

**ACTION: The motion passed as part of the consent agenda.**

### **Public Outreach Task Force**

The Public Outreach Task Force report begins on page 92 of the *Action Items and Conference Reports*.

1. Move that NCEES staff develop a format for a group of young engineers and surveyors that can provide insight to the Council. The process should include providing a framework that includes clear objectives for the group to accomplish, eligibility requirements, the process for selecting participants, oversight, and ways to effectively provide input to and communicate with the Council.

**ACTION: The motion passed as part of the consent agenda.**

### **Board of Directors**

President Knotts presented the motion from the board of directors. This motion is included on page 94 of the *Action Items and Conference Reports*.

1. Move that a Special Committee on Bylaws be charged with incorporating the following amendments into *Bylaws* 6.02.

**Section 6.02 Quorum and Voting.** A quorum for the transaction of business at the Annual Business Meetings of the Council shall be delegates from a majority of Member Boards. A majority vote of the Member Boards represented shall be required for affirmative action unless otherwise provided for in the *Bylaws*.

Only Member Boards shall be entitled to vote. Voting shall be by Member Boards, with each board entitled to one vote. ~~If a Member Board is represented by more than one delegate present at the time of voting, the vote may be split proportionately if its delegates wish.~~ An associate member may serve as a Member Board delegate for voting purposes only when so designated by the Member Board's chair through written, signed communication presented to NCEES staff prior to the opening session of the meeting. For Member Boards that require authorization from the state, such designation may come from the agency director for that board.

Voting by one Member Board on behalf of another Member Board not physically present in the meeting room at the time of the vote shall not be permitted.

**ACTION: The motion passed without discussion.**

## **Committee on Finances–Approval of 2021-22 Budgets**

President Knotts presented the remaining motion from the Committee on Finances. Within these minutes, the operating budget can be found as Appendices A and B beginning on page 31, and the capital budget can be found as Appendix C beginning on page 39.

1. Move to adopt the 2021–22 proposed operating and capital expenditure budgets as shown in the Finance Committee Appendices B and C.

**ACTION: The motion passed without discussion.**

## **BOARD OF DIRECTORS**

### **Recognition of Outgoing Members**

President Knotts recognized outgoing members of the board of directors:

- Immediate Past President Dean Ringle, P.E., P.S.
- Southern Zone Vice President Timothy Lingerfelt, P.L.S.

### **Passing of the President's Gavel**

President Knotts passed the gavel to President-Elect Robertson and recognized him as the 2021–22 NCEES president.

### **Recognition of Incoming Members**

As the newly installed president, Robertson introduced the other members of the 2021–22 board of directors:

- Immediate Past President Christopher Knotts, P.E.
- President-Elect Christopher Duhamel, P.E., P.L.S.
- Treasurer Paul Tyrell, P.E., P.L.S.
- Central Zone Vice President Michael Drewyor, P.E., P.S.
- Northeast Zone Vice President Thomas Orisich, P.L.S.
- Southern Zone Vice President Andrew Zoutewelle, P.L.S.
- Western Zone Vice President Scott Bishop, P.S.

### **2021-22 President's Message**

President Robertson presented his vision for the year ahead. He noted three areas of focus: spring cleaning of policies, position statements, and white papers; development of the divisional PS exam; and review of the engineering licensure model.

### **Invitation to 2022 Annual Meeting**

Following his speech, President Robertson presented the invitation to the 2022 annual meeting in Carlsbad, California.

## **ADJOURNMENT**

President Robertson adjourned the 100th annual business meeting at 3:52 p.m. (EDT).

Appendix A  
2021-22 Operating Budget Summary

	<u>2021-22</u> <u>Total Budget</u>	<u>2020-21</u> <u>Total Budget</u>
<b>INCOME</b>		
Support Services Revenue	565,375	576,430
Examination Services Revenue	26,671,481	27,853,307
Member Services Revenue	<u>5,067,267</u>	<u>7,540,582</u>
<b>Total Income</b>	<u>32,304,123</u>	<u>35,970,319</u>
<b>EXPENSES</b>		
General and Administrative	7,786,451	8,126,687
Meetings and Outreach Services	4,915,632	4,522,485
Examination Services	19,825,977	19,051,380
Member Services	<u>1,873,599</u>	<u>3,798,303</u>
<b>Total Expenses</b>	<u>34,401,659</u>	<u>35,498,855</u>
<b>NET OPERATING INCOME</b>	<b>(2,097,536)</b>	<b>471,463</b>
<b>NONOPERATING ITEMS</b>		
Interest and Investment Income	1,251,713	1,346,450
Other Income	<u>0</u>	<u>0</u>
<b>NET INCOME</b>	<b><u><u>(845,823)</u></u></b>	<b><u><u>1,817,914</u></u></b>

**SUPPORT SERVICES REVENUE**

Member Board Fees	411,750
Participating Organizations Liaison Council (POLC) Fees	0
Annual Meeting Fees	74,375
Other Meeting Fees	65,250
Miscellaneous Income	14,000
<b>Total Support Services Revenues</b>	<b>565,375</b>

**SUPPORT SERVICES OPERATING EXPENSES**

<b>Officer/Staff Travel</b>	
President	32,250
Past President	16,750
President-Elect	28,250
Central Zone Vice President	15,750
Northeast Zone Vice President	15,750
Southern Zone Vice President	15,750
Western Zone Vice President	15,750
Treasurer	14,750
Chief Executive Officer	49,000
Staff	31,005
International	52,000
<b>Subtotal</b>	<b>287,005</b>

**Committee Travel and Expenses**

Advisory Committee on Council Activities	16,500
Bylaws Committee	1,000
Finance Committee	16,000
Member Board Administrators (MBA) Committee	18,000
Law Enforcement Committee	16,000
POLC	14,000
Education Committee	19,000
Uniform Procedures and Legislative Guidelines Committee	16,000
Ad Hoc Committees	90,000
<b>Subtotal</b>	<b>206,500</b>

**Annual Meeting**

Staff Travel	56,857
Expenses	851,300
Publications	60,000
Award Recipient Travel	9,589
Awards and Presentations	10,616
Funded Delegate Travel	587,944
<b>Subtotal</b>	<b>1,576,306</b>

Board Presidents/MBA Assembly	73,983
MBA Meeting and Board Attendee	3,885
Zone Meeting Expenses	598,087
Meeting Registration Expenses	6,369

**Promotion and Outreach**

Engineering Education Award	146,875
Surveying Education Award	125,222
Discretionary Outreach	500,000
Licensure Outreach	458,500
Marketing	897,500
Newsletter	35,400

<b>Subtotal</b>	<b>2,163,497</b>
-----------------	------------------

<b>Total Meetings and Outreach</b>	<b>4,915,632</b>
------------------------------------	------------------

**GENERAL AND ADMINISTRATIVE**

**Personnel and Human Resources**

Salaries	3,755,852
Payroll Taxes (FICA)	252,484
Payroll Insurance (State)	2,500
Group Insurance	393,426
Employee Retirement Fund	375,112
Recruiting	43,797
Employee Development	127,020

<b>Subtotal</b>	<b>4,950,191</b>
-----------------	------------------

**Office**

Electricity	132,582
Water	12,384
Building Security	20,273
Building Maintenance	145,748
Cleaning and Ground Maintenance	244,911

<b>Subtotal</b>	<b>555,898</b>
-----------------	----------------

**Administrative**

Postage	4,426
Supplies	36,038
Credit Card/Bank Fees	6,237
Administrative Printing	60,000
Strategic Planning	24,257
Noncapitalized Purchases	8,500

<b>Subtotal</b>	<b>139,458</b>
-----------------	----------------



<b>Technology Services</b>	
Communications	189,906
Equipment Lease/Rental	116,960
Software	175,852
Noncapitalized Purchases	96,739
Hardware Maintenance	13,000
<b>Subtotal</b>	<b>592,457</b>
<hr/>	
<b>Insurance and Bond</b>	
Travel	9,560
Building and Liability	12,224
Directors and Officers	20,403
Professional Liability	19,714
Workers' Compensation	19,918
<b>Subtotal</b>	<b>81,819</b>
<hr/>	
<b>Dues and Professional Fees</b>	
ABET Dues and Meetings	24,538
Federations of Associations of Regulatory Boards	8,765
Alliance for Responsible Professional Licensing	52,700
Other Memberships and Dues	10,636
Legal Fees	65,000
Audit and Payroll Fees	58,197
Lobbying	100,000
Other Professional and Consulting Fees	163,724
<b>Subtotal</b>	<b>483,550</b>
<hr/>	
<b>Depreciation and Interest</b>	
Interest Expense	6,212
Equipment and Furniture Depreciation	558,356
Building Depreciation	418,510
<b>Subtotal</b>	<b>983,078</b>
<hr/>	
<b>Total General and Administrative Expenses</b>	<b>7,786,451</b>
<hr/>	
<b>TOTAL SUPPORT SERVICES OPERATING EXPENSES</b>	<b>12,702,083</b>
<b>GAIN/(LOSS) FROM SUPPORT SERVICES</b>	<b>(12,136,708)</b>
<hr/>	

**EXAMINATION SERVICES OPERATING REVENUE**

**EXAMINATIONS**

Fundamentals of Engineering	11,238,750
Principles and Practice of Engineering	10,703,376
Structural Engineering	1,008,000
Fundamentals of Surveying	301,601
Principles and Practice of Surveying	225,138
Examination Regrading	1,500
<b>Subtotal</b>	<b>23,478,365</b>

**STUDY MATERIALS**

Publication Sales	2,335,003
Postage and Shipping Revenue	858,113
<b>Subtotal</b>	<b>3,193,116</b>

**TOTAL EXAMINATION SERVICES OPERATING REVENUE**

**26,671,481**

**EXAMINATION SERVICES OPERATING EXPENSES**

**EXAMINATIONS**

<b>Fundamentals of Engineering</b>	
Computer-Based Testing (CBT) Seat Fees	7,789,556
Contracted Services	875
Psychometric Consulting Services	393,975
Travel	188,758
<b>Subtotal</b>	<b>8,373,164</b>

**Principles and Practice of Engineering**

CBT Seat Fees	2,989,319
Contracted Services	29,900
Psychometric Consulting Services	908,750
Printing	143,455
Travel	549,618
<b>Subtotal</b>	<b>4,621,042</b>

**Structural**

Contracted Services	2,500
Psychometric Consulting Services	88,000
Grading	83,200
Printing	27,145
Travel	329,771
<b>Subtotal</b>	<b>530,616</b>

<b>Fundamentals of Surveying</b>	
CBT Seat Fees	208,031
Contracted Services	550
Psychometric Consulting Services	38,625
Travel	13,324
<b>Subtotal</b>	<b>260,530</b>
<hr/>	
<b>Principles and Practice of Surveying</b>	
CBT Seat Fees	108,705
Contracted Services	575
Psychometric Consulting Services	44,713
Travel	16,655
<b>Subtotal</b>	<b>170,648</b>
<hr/>	
<b>Committee Travel and Expenses</b>	
Examination Audit Committee Travel	23,399
Examination Audit Psychometric Services	8,000
Committee on Examination Policy and Procedures (EPP) Travel	17,159
Committee on Examinations for Professional Engineers (EPE) Travel	33,947
EPE Psychometric Services	14,760
Committee on Examinations for Professional Surveyors (EPS) Travel	24,990
EPS Psychometric Services	20,100
<b>Subtotal</b>	<b>142,355</b>
<hr/>	
<b>Examination Materials and Shipping</b>	
Freight and Shipping	71,200
Printing and Distribution	53,400
ADA Consulting Expense	141,128
Meeting Registration Fees	9,551
<b>Subtotal</b>	<b>275,279</b>
<hr/>	
<b>Examination Development</b>	
Principles and Practice of Engineering Development–Cut Scores	89,155
Principles and Practice of Engineering Task Analysis	308,659
Principles and Practice of Surveying Task Analysis	90,250
<b>Subtotal</b>	<b>488,064</b>
<hr/>	
<b>Total Examination Expenses</b>	<b>14,861,698</b>
<hr/>	

**STUDY MATERIALS**

Publication Printing Expense	459,818
Digital Product Expense	50,000
Postage and Shipping Expense	858,113
<b>Total Study Materials Expenses</b>	<b>1,367,931</b>

**OTHER DIRECT EXPENSE**

Salaries (Direct)	2,330,515
Payroll Taxes (Direct)	173,435
Benefits and Retirement (Direct)	536,013
Credit Card Processing (Revenue Ratio Allocation)	516,503
Compliance and Security	39,882
<b>Total Other Direct Expenses</b>	<b>3,596,348</b>

**TOTAL EXAMINATION SERVICES OPERATING EXPENSES**

**19,825,977**

**GAIN/(LOSS) FROM EXAMINATION SERVICES**

**6,845,504**

**MEMBER SERVICES OPERATING REVENUE**

**EXAM ADMINISTRATION SERVICES REVENUES**

Exam Administration Fees	<b>282,800</b>
--------------------------	----------------

**NCEES RECORDS/CREDENTIALS EVALUATIONS SERVICES REVENUES**

Application Fees–Records	1,453,964
Transmittal Fees–Records	2,398,653
Application Fees–Credentials	908,950
Reevaluation Fees–Credentials	22,900
<b>Total Records/Credentials Revenues</b>	<b>4,784,467</b>

**TOTAL MEMBER SERVICES OPERATING REVENUE**

**5,067,267**

**MEMBER SERVICES OPERATING EXPENSES**

**EXAM ADMINISTRATION SERVICES EXPENSES**

Site Rentals	312,732
Proctor Expense	120,000
Security Guards	10,424
Secure Storage	46,910
Supplies/Miscellaneous	5,838
Postage and Shipping	1,208
Printing	3,704
Travel	9,402
Training	0
<b>Total Exam Administration Services Expenses</b>	<b>510,218</b>

**NCEES RECORDS/CREDENTIALS EVALUATIONS  
SERVICES EXPENSES**

Postage and Shipping	1,000
Travel/Audit-Credentials	4,700
Electronic Transcript Services	5,000
<b>Total Records/Credentials Expenses</b>	<b>10,700</b>

**OTHER DIRECT EXPENSE**

Salaries (Direct)	973,765
Payroll Taxes (Direct)	72,492
Benefits and Retirement (Direct)	201,563
Credit Card Processing (Revenue Ratio Allocation)	104,861
<b>Total Other Direct Expenses</b>	<b>1,352,681</b>

**TOTAL MEMBER SERVICES OPERATING EXPENSES**

**1,873,599**

**GAIN/(LOSS) FROM MEMBER SERVICES**

**3,193,668**

**OPERATION TOTALS**

<b>TOTAL REVENUES</b>	<b>32,304,123</b>
<b>TOTAL EXPENSES</b>	<b>34,401,659</b>

**GAIN/(LOSS) FROM OPERATIONS**

**(2,097,536)**

**NONOPERATING ITEMS**

**INTEREST AND INVESTMENT INCOME**

Interest and Investment Income	1,251,713
--------------------------------	-----------

**GRAND TOTALS**

**(845,823)**

**CAPITAL PURCHASES/  
LEASES**

**Equipment**

Security Cameras

**\$10,000**

Miscellaneous Furniture, Fixtures, and Equipment

**\$10,000**

---

**\$20,000**

**TOTAL**

---

**\$20,000**



**NCEES  
REFERENCE MATERIAL**



## MEMBER BOARDS

Date indicates year licensing law was enacted.

### Central Zone

Illinois PE.....	1945
Illinois PS.....	1939
Illinois SE.....	1915
Indiana PE.....	1921
Indiana PS.....	1921
Iowa.....	1919
Kansas.....	1931
Michigan PE.....	1919
Michigan PS.....	1963
Minnesota.....	1921

Missouri.....	1941
Nebraska PE.....	1937
Nebraska PS.....	1957
North Dakota.....	1943
Ohio.....	1933
South Dakota.....	1925
Wisconsin.....	1931

### Northeast Zone

Connecticut.....	1935
Delaware PE.....	1941
Delaware PS.....	1930
District of Columbia.....	1950
Maine PE.....	1935
Maine PS.....	1967
Maryland PE.....	1939
Maryland PS.....	1977
Massachusetts.....	1941
New Hampshire PE.....	1945
New Hampshire PS.....	1969

New Jersey.....	1921
New York.....	1920
Pennsylvania.....	1921
Rhode Island PE.....	1938
Rhode Island PS.....	1990
Vermont PE.....	1939
Vermont PS.....	1969
West Virginia PE.....	1921
West Virginia PS.....	1969

### Southern Zone

Alabama.....	1935
Arkansas.....	1925
Florida PE.....	1917
Florida PS.....	1931
Georgia.....	1937
Kentucky.....	1938
Louisiana.....	1908
Mississippi.....	1928
North Carolina.....	1921

Oklahoma.....	1935
Puerto Rico.....	1927
South Carolina.....	1922
Tennessee PE.....	1921
Tennessee PS.....	1969
Texas PE**.....	1937
Texas PS**.....	1955
Virgin Islands (U.S.).....	1968
Virginia.....	1920

### Western Zone

Alaska.....	1939
Arizona.....	1921
California*.....	1891
Colorado.....	1919
Guam.....	1960
Hawaii.....	1923
Idaho.....	1919
Montana.....	1947

Nevada.....	1919
New Mexico.....	1935
Northern Mariana Islands***.....	1978
Oregon.....	1919
Utah.....	1935
Washington.....	1935
Wyoming.....	1907

\*Legislation including the engineering profession was passed in 1929, replacing the original surveying act.

\*\*The two Texas boards were combined into one board in September 2019.

\*\*\*Not an NCEES member from 2008–14. Reinstated by Council vote at the 2014 annual meeting.

**NCEES PRESIDENTS**

1920–21	Marcel Garsaud New Orleans, LA	1937–38	S.H. Graf Corvallis, OR
1921–22	C.S. Hammatt Jacksonville, FL	1938–39	Charles Scott New Haven, CT
1922–23	John Cox Ann Arbor, MI	1939–40	A.C. Polk Birmingham, AL
1923–24	G.M. Butler Tucson, AZ	1940–41	Virgil Palmer Rochester, NY
1924–25	L.M. Martin Council Bluffs, IA	1941–43	C.C. Knipmeyer Terre Haute, IN
1925–26	P.H. Daggett Chapel Hill, NC	1943–44	Carl Svensen Austin, TX
1926–27	Paul Doty St. Paul, MN	1944–46	H.T. Person Laramie, WY
1927–28	George Taylor Charleston, WV	1946–47	J.C. Remington Jr. Camden, NJ
1928–29	James Rhyne Little Rock, AR	1947–48	G.M. Shepard St. Paul, MN
1929–30	C.G. Massie Lynchburg, VA	1948–49	Alexander Blair Lake Placid, FL
1930–31	T. Keith Legaré Columbia, SC	1949–50	Clarence Eckel Boulder, CO
1931–32	D.B. Steinman New York, NY	1950–51	R.G. Warner New Haven, CT
1932–33	O. Laugaard Portland, OR	1951–52	C.S. Crouse Lexington, KY
1933–34	N.W. Dougherty Knoxville, TN	1952–53	A.G. Stanford Atlanta, GA
1934–35	Ralph Reed Los Angeles, CA	1953–54	Stanley Palmer Reno, NV
1935–36	James Ferebee Milwaukee, WI	1954–55	John Gore Baltimore, MD
1936–37	J.S. Dodds Ames, IA	1955–56	Bruce Williams Joplin, MO

1956–57	E.R. Stapley Stillwater, OK	1974–75	Morton Fine West Hartford, CT
1957–58	Allen Janssen Moscow, ID	1975–76	H.A. Moench Terre Haute, IN
1958–59	William Larkin New York, NY	1976–77	T.E. (Ted) Stivers Decatur, GA
1959–60	L.E. McCartt S. Fort Mitchell, KY	1977–78	William Hanna Boulder, CO
1960–61	O.B. Curtis Sr. Jackson, MS	1978–79	F.H. Rogers Sr. Columbia, MD
1961–62	A.L. Henny Portland, OR	1979–80	Alfred Samborn Toledo, OH
1962–63	Weston Evans Orono, ME	1980–81	E.N. Bechamps Coral Gables, FL
1963–64	William Spann Kansas City, MO	1981–82	Albert Kersich Billings, MT
1964–65	John Ward Beretta San Antonio, TX	1982–83	William Carew Jr. Wilmington, DE
1965–66	Leo Ruth Jr. San Jose, CA	1983–84	Paul Munger Rolla, MO
1966–67	D.E. Marlowe Washington, DC	1984–85	Sam H. Wainwright Dothan, AL
1967–68	E.R. Whitehead Brookfield, IL	1985–86	Edward Pine Reno, NV
1968–69	G.F. Branigan Fayetteville, AR	1986–87	Harry Parker Boston, MA
1969–70	W. Morgan Allen Portland, OR	1987–88	Dennis Meyer Bismarck, ND
1970–71	Chester Arents Morgantown, WV	1988–89	Charles Kimberling Tulsa, OK
1971–72	Anthony Bavone Minot, ND	1989–90	George (David) Sellards Denver, CO
1972–73	Roy Sessums New Orleans, LA	1990–91	John Lyons Merrimack, NH
1973–74	Orland Mayer Boise, ID	1991–92	William Karr Sault Ste. Marie, MI

1992–93	Paul Taylor Decatur, AL	2007–08	Gene Corley Skokie, IL
1993–94	John Steadman Laramie, WY	2008–09	Henn Rebane Tampa, FL
1994–95	Leon Clary Mendon, NY	2009–10	David Whitman Laramie, WY
1995–96	Warren Fisk Rapid City, SD	2010–11	Joseph Timms Bridgeport, WV
1996–97	L.G. (Skip) Lewis Jr. Greenville, SC	2011–12	Dale Jans Sioux Falls, SD
1997–98	Steven Schenk Portland, OR	2012–13	Gene Dinkins Columbia, SC
1998–99	Andrew Liston Boylston, MA	2013–14	Patty Mamola Las Vegas, NV
1999–2000	Dale Sall Holdredge, NE	2014–15	David Widmer Rochester, PA
2000–01	Richard (Dick) Cottingham Raleigh, NC	2015–16	Michael Conzett Omaha, NE
2001–02	Theodore (Ted) Fairfield Pleasanton, CA	2016–17	Daniel Turner Tuscaloosa, AL
2002–03	Robert Krebs South Hero, VT	2017–18	Patrick Tami Roseville, CA
2003–04	Donald Hiatte Jefferson City, MO	2018–19	James Purcell Lawrenceville, NJ
2004–05	Jon Nelson Tulsa, OK	2019–20	Dean Ringle Columbus, OH
2005–06	Martin Pedersen Rawlins, WY	2020–21	Christopher Knotts Baton Rouge, LA
2006–07	Louis Raimondi Mahwah, NJ	2021–22	Brian Robertson Wellington, CO

## PAST AWARD RECIPIENTS

DSA/SC Distinguished Service Award with  
Special Commendation

DSA Distinguished Service Award

DESA Distinguished Examination Service Award

MSA Meritorious Service Award

LEA Meritorious Service Award for Law Enforcement

PA President's Award

P.H. Daggett.....	New Jersey	DSA	1938	L.L. Patterson.....	Mississippi	DSA	1952
Paul Doty .....	Minnesota	DSA	1938	W.W. Graf.....	Ohio	DSA	1953
L.M. Martin.....	Iowa	DSA	1938	A.G. Proctor.....	California	DSA	1953
C.T. Olmstead.....	Michigan	DSA	1938	Hal Sours .....	Ohio	DSA	1953
T. Keith Legaré.....	South Carolina	DSA	1940	C.C. Knipmeyer .....	Indiana	DSA	1954
G.M. Butler .....	Arizona	DSA	1943	George Shepard.....	Minnesota	DSA	1954
M.E. Chamberlin .....	Minnesota	DSA	1943	C.E. Davies.....	New York	DSA	1955
A.B. Clemens.....	Pennsylvania	DSA	1943	J.M. Gallalee.....	Alabama	DSA	1955
Donald Derickson.....	Louisiana	DSA	1943	Marcel Garsaud.....	Louisiana	DSA	1955
N.W. Dougherty .....	Tennessee	DSA	1943	W.W. Hodge .....	West Virginia	DSA	1955
L.S. LeTellier.....	South Carolina	DSA	1943	D.B. Jett .....	New Mexico	DSA	1955
C.G. Massie.....	Virginia	DSA	1943	H.T. Person .....	Wyoming	DSA	1955
Frank McKellip .....	Minnesota	DSA	1943	W.K. Simpson .....	Connecticut	DSA	1955
Virgil Palmer.....	New York	DSA	1943	M.K. Snyder.....	Washington	DSA	1955
B.W. Pegues.....	Louisiana	DSA	1943	Joseph Weil.....	Florida	DSA	1955
J.C. Remington Jr.....	New Jersey	DSA	1943	C.S. Crouse .....	Kentucky	DSA	1956
H.S. Sands .....	Colorado	DSA	1943	C.L. Eckel.....	Colorado	DSA	1956
W.D. Tyler.....	Virginia	DSA	1943	J.D. Guillemette.....	Rhode Island	DSA	1956
V.O. Wallingford .....	Arizona	DSA	1943	Allen Janssen.....	Idaho	DSA	1956
M.C. Hinderlider .....	Colorado	DSA	1944	Junius Moore.....	West Virginia	DSA	1956
Hugh Kelly.....	New Jersey	DSA	1944	Stanley Palmer .....	Nevada	DSA	1956
James Underhill .....	Colorado	DSA	1944	William Spann.....	Missouri	DSA	1956
Thomas Allen .....	Tennessee	DSA	1946	Russell Warner .....	Connecticut	DSA	1956
William Fuerer .....	Hawaii	DSA	1946	Alexander Blair.....	Florida	DSA	1957
Fred Ruediger .....	Virginia	DSA	1946	O.B. Curtis Sr.....	Mississippi	DSA	1957
J.S. Dodds .....	Iowa	DSA	1947	N.L. Freeman.....	New York	DSA	1957
S.H. Graf .....	Oregon	DSA	1947	J.W. Gore .....	Maryland	DSA	1957
B.H. Grehan.....	Louisiana	DSA	1947	T.E. Heathcote.....	New Jersey	DSA	1957
C.L. Mann.....	North Carolina	DSA	1948	A.L. Jones .....	New Jersey	DSA	1957
Erich Hausmann .....	New York	DSA	1949	Frank Prouty.....	Colorado	DSA	1957
D.B. Steinman .....	New York	DSA	1949	E.S. Rankin.....	Minnesota	DSA	1957
R.V. Achatz .....	Indiana	DSA	1950	James Sams.....	South Carolina	DSA	1957
Theodore Condron.....	Illinois	DSA	1950	A.G. Stanford .....	Georgia	DSA	1957
Owen Jones .....	West Virginia	DSA	1950	Thomas Shedd.....	Illinois	DSA	1957
N.T. Kinzly.....	Tennessee	DSA	1950	H.L. Solberg .....	Indiana	DSA	1957
C.A. Halbert.....	Wisconsin	DSA	1951	Carl Svensen.....	Texas	DSA	1957
H.D. Mendenhall.....	Florida	DSA	1951	Robert Waid.....	Ohio	DSA	1957
R.A. Seaton .....	Kansas	DSA	1951	Bruce Williams .....	Missouri	DSA	1957

\*Awarded posthumously

Edward Dohm.....	Washington	DSA	1958	Orland Mayer.....	Idaho	DSA	1966
Roy Green.....	Nebraska	DSA	1958	Leo Ruth Jr.....	California	DSA	1966
Robert Gorham.....	Pennsylvania	DSA	1958	Arthur Adami.....	Montana	DSA	1967
Bryant Hopkins.....	Maine	DSA	1958	John Carson.....	Delaware	DSA	1967
Robert Johnson.....	Wisconsin	DSA	1958	David Fields.....	Oklahoma	DSA	1967
Philip Mancini.....	Rhode Island	DSA	1958	Donald Marlowe.....	D.C.	DSA	1967
H.T. McGaughan.....	Michigan	DSA	1958	Francis Montgomery.....	Hawaii	DSA	1967
N.J. McGuinness.....	New Jersey	DSA	1958	Anthony Bavone.....	North Dakota	DSA	1968
Lewis Neeb.....	Arizona	DSA	1958	Glenn Enke.....	Utah	DSA	1968
A.J. Shaver.....	Nevada	DSA	1958	James McCarthy.....	Indiana	DSA	1968
E.R. Stapley.....	Oklahoma	DSA	1958	William Rowan.....	Tennessee	DSA	1968
L.T. Bohl.....	Rhode Island	DSA	1959	Ralph Wallace.....	Iowa	DSA	1968
E.A. Buckhorn.....	Oregon	DSA	1959	Edwin Whitehead.....	Illinois	DSA	1968
Albert Haertlein.....	Massachusetts	DSA	1959	Jesse Coates.....	Louisiana	DSA	1969
Gwynne Hill.....	Oklahoma	DSA	1959	Edward Donovan.....	New Hampshire	DSA	1969
William Larkin.....	New York	DSA	1959	Arthur Hughes.....	Oregon	DSA	1969
W.C. Polkinghorne.....	Michigan	DSA	1959	Herman Moench.....	Indiana	DSA	1969
L.M.K. Boelter.....	California	DSA	1960	George Branigan.....	Arkansas	DSA	1970
Raymond Briggs.....	Idaho	DSA	1960	William Kelley Jr.....	Minnesota	DSA	1970
Walter Bryan.....	Missouri	DSA	1960	Henry Kinnier.....	Virginia	DSA	1970
Moses E. Cox.....	Georgia	DSA	1960	Robert Meek.....	Indiana	DSA	1970
L.E. McCartt.....	Kentucky	DSA	1960	John Morrison.....	Montana	DSA	1970
A.L. McCawley.....	Missouri	DSA	1960	Llewellyn Schofield.....	Massachusetts	DSA	1970
Robert Rhinehart.....	Arkansas	DSA	1960	Cornelius Wandmacher.....	Ohio	DSA	1970
Lucius Barrows.....	Maine	DSA	1961	Kurt Wendt.....	Wisconsin	DSA	1970
Frank Beard.....	Missouri	DSA	1961	Dwight Bray.....	Kentucky	DSA	1971
Arnold Henry.....	Oregon	DSA	1961	Eldon Dodge.....	Montana	DSA	1971
Julian Wylly Keck.....	Florida	DSA	1961	James McGivern.....	Washington	DSA	1971
Clifton Cobb.....	Alabama	DSA	1962	Lawrence Robertson.....	Colorado	DSA	1971
Arnold Steffes.....	Minnesota	DSA	1962	Harry Simrall.....	Mississippi	DSA	1971
Robert Williamson Jr.....	West Virginia	DSA	1962	Richard Hankins.....	Virginia	DSA	1972
Weston Evans.....	Maine	DSA	1963	Clifford Horn.....	Kansas	DSA	1972
John Jamison Jr.....	Virginia	DSA	1963	Robert McMurray.....	Indiana	DSA	1972
Leo Odom.....	Louisiana	DSA	1963	Robert Rice.....	North Carolina	DSA	1972
Clarence H. Evans.....	Delaware	DSA	1964	Earl Schilt.....	New York	DSA	1972
William H. Lesser.....	Pennsylvania	DSA	1964	Roy Sessums.....	Louisiana	DSA	1972
Arvin Page.....	North Carolina	DSA	1964	Paul Weber.....	Georgia	DSA	1972
Roswell Towill.....	Hawaii	DSA	1964	Sherwin Barton.....	Idaho	DSA	1973
Harry D. Watson.....	Maine	DSA	1964	Harris Bateman.....	Oklahoma	DSA	1973
W. Morgan Allen.....	Oregon	DSA	1965	George Bruggemeier.....	Ohio	DSA	1973
Chester Arents.....	West Virginia	DSA	1965	Amos Kent.....	Massachusetts	DSA	1973
John Beretta.....	Texas	DSA	1965	Harry Myers.....	Alabama	DSA	1973
Ben Bogard.....	Louisiana	DSA	1965	Frederick Rogers Sr.....	Maryland	DSA	1973
Walter Emerson.....	Vermont	DSA	1966	B.L. Baker.....	South Carolina	DSA	1974

\*Awarded posthumously

Stanley Bartles .....	New York	DSA	1974	Amos Kent* .....	Massachusetts	DSA/SC	1979
Grant Borg.....	Utah	DSA	1974	Thomas McClellan.....	Oregon	DSA	1979
Charles Coogan Jr.....	Connecticut	DSA	1974	Herman Moench .....	Indiana	DSA/SC	1979
O.B. Curtis Sr.....	Mississippi	DSA/SC	1974	Earl Radding.....	Delaware	DSA	1979
Harry Czyzewski .....	Oregon	DSA	1974	Dale Bratcher.....	Kentucky	DSA	1980
Robert Reckert.....	Iowa	DSA	1974	Kenneth Daniel.....	Alabama	DSA	1980
Kent Roberts.....	Missouri	DSA	1974	Rudolf A. Jimenez.....	Arizona	DSA	1980
Sidwell Smith* .....	Idaho	DSA	1974	Fred H. Lyon .....	New York	DSA	1980
Michael Baker Jr. ....	Pennsylvania	DSA	1975	Ambrose E. McCaskey.....	West Virginia	DSA	1980
Morton S. Fine.....	Connecticut	DSA	1975	John J. McMahan Sr. ....	Michigan	DSA	1980
Orland C. Mayer.....	Idaho	DSA/SC	1975	Henry S. Steinbrugge.....	Oregon	DSA	1980
Waldemar S. Nelson .....	Louisiana	DSA	1975	T.E. (Ted) Stivers.....	Georgia	DSA	1980
H.T. Person* .....	Wyoming	DSA/SC	1975	William Carew Jr.....	Delaware	DSA	1981
Leo Odom .....	Louisiana	DSA/SC	1975	O.B. Curtis, Sr. ....	Mississippi	PA	1981
Uel Stephens.....	Texas	DSA	1975	Larry Nixon.....	North Carolina	DSA	1981
Noel Willis .....	Iowa	DSA	1975	Frederick Rogers Sr. ....	Maryland	DSA/SC	1981
Loren Anderson.....	Nevada	DSA	1976	Alfred Samborn.....	Ohio	DSA	1981
Ben Bogard.....	Louisiana	DSA/SC	1976	Herman Smith.....	Oklahoma	DSA	1981
George Evans.....	Ohio	DSA	1976	Goodwin Thomas.....	South Carolina	DSA	1981
Christian Grosser.....	Virginia	DSA	1976	Carlton Wise .....	South Carolina	DSA	1981
Kenward Oliphant* .....	California	DSA	1976	Alfred Lane .....	Vermont	DSA	1982
Llewellyn Schofield.....	Massachusetts	DSA/SC	1976	Edward Misiaszek.....	New York	DSA	1982
Franklin Smith.....	Idaho	DSA	1976	Leigh Morrow.....	Minnesota	DSA	1982
Frank Viola.....	New York	DSA	1976	Ferrell Prosser .....	South Carolina	DSA	1982
Frank Cannizzaro .....	New Jersey	DSA	1977	Rex Tynes.....	Colorado	DSA	1982
Jesse Coates.....	Louisiana	DSA/SC	1977	Sam Wainwright.....	Alabama	DSA	1982
Donald Klein.....	Texas	DSA	1977	Eugene Bechamps .....	Florida	DSA	1983
James Knickerbocker .....	Arizona	DSA	1977	Michael Deutch.....	D.C.	DSA	1983
Andrew Moore.....	Louisiana	DSA	1977	Melvin Luke* .....	Illinois	DSA	1983
Hal Sours* .....	Ohio	DSA/SC	1977	Wilbur Mechwart.....	Ohio	DSA	1983
O.W. Summers.....	Indiana	DSA	1977	Forest North .....	Mississippi	DSA	1983
Samuel Valencia .....	Massachusetts	DSA	1977	George Russell.....	Idaho	DSA	1983
Walter Anderson.....	Michigan	DSA	1978	George Cook.....	Oregon	DSA	1984
Kenneth Esmond*.....	Texas	DSA	1978	Fred Culpepper Jr. ....	Louisiana	DSA	1984
Dale Greffe .....	Illinois	DSA	1978	Victor Fender.....	Kentucky	DSA	1984
Herbert Koogle .....	New Mexico	DSA	1978	Duane Monical.....	Indiana	DSA	1984
Elbert Lewis .....	Colorado	DSA	1978	Waldemar Nelson .....	Louisiana	DSA/SC	1984
Robert Meek.....	Indiana	DSA/SC	1978	Walter O'Loughlin .....	Maryland	DSA	1984
Edward Pine.....	Nevada	DSA	1978	Harry Parker .....	Massachusetts	DSA	1984
Roy Sessums .....	Louisiana	DSA/SC	1978	Marion Smith .....	Ohio	DSA	1984
Roger Brown.....	Georgia	DSA	1979	Roy Thompson.....	Oklahoma	DSA	1984
Elmer Emrich.....	Florida	DSA	1979	Paul Belz .....	Maryland	DSA	1985
Ernest Gardow.....	Connecticut	DSA	1979	A.J. Brouillette.....	Louisiana	DSA	1985
William J. Hanna .....	Colorado	DSA	1979	Mark Chilton .....	Nevada	DSA	1985

\*Awarded posthumously

John Merrifield .....	Oregon	DSA	1985	George Brizendine .....	Nevada	DSA	1991
Fred Sauls.....	Oklahoma	DSA	1985	Leon Clary .....	New York	DSA	1991
Jack Anderson .....	Tennessee	DSA	1986	Robert Flory .....	Missouri	DSA	1991
Marjorie Carpenter .....	New York	DSA	1986	Tai Funatake .....	Oregon	DSA	1991
Charles Kimberling .....	Oklahoma	DSA	1986	Robert Hunter .....	Mississippi	DSA	1991
Edward Lobnitz.....	Florida	DSA	1986	Harry Parker .....	Massachusetts	DSA/SC	1991
Paul Munger .....	Missouri	DSA	1986	Herman Smith.....	Oklahoma	DSA/SC	1991
Chappell Noble* .....	North Carolina	DSA	1986	Robert Boswell .....	Alaska	DSA	1992
John Pearson.....	Minnesota	DSA	1986	William Kruger.....	Illinois	DSA	1992
B.L. Baker .....	South Carolina	DSA/SC	1987	Kenneth McCollom .....	Oklahoma	DSA	1992
Chris Demopulos .....	Louisiana	DSA	1987	Richard Parmelee .....	Illinois	DSA	1992
James Meyer.....	Louisiana	DSA	1987	Thomas Talbot.....	Alabama	DSA	1992
George (Dave) Sellards II .....	Colorado	DSA	1987	Albert Kersich.....	Montana	DSA/SC	1992
Paul Taylor .....	Alabama	DSA	1987	Charles Kimberling.....	Oklahoma	DSA/SC	1992
Donald Vick.....	Oklahoma	DSA	1987	Joseph DeJonghe.....	Ohio	MSA	1992
Thomas Wilson* .....	Georgia	DSA	1987	Montgomery Speir .....	North Carolina	MSA	1992
Jimmie Yee.....	California	DSA	1987	John Lyons .....	New Hampshire	DSA/SC	1993
John Billingsley .....	Delaware	DSA	1988	Francis Roy*.....	Louisiana	DSA/SC	1993
Juan Bonnet Jr.....	Puerto Rico	DSA	1988	Edward Fauth .....	Illinois	DSA	1993
Edward Jordan .....	Maine	DSA	1988	Keith King .....	Alabama	DSA	1993
Albert Kersich.....	Montana	DSA	1988	David Krehbiel.....	Missouri	DSA	1993
John Lyons.....	New Hampshire	DSA	1988	John W. Lund.....	Oregon	DSA	1993
Edward McNamara.....	Louisiana	DSA	1988	James McDonough .....	Ohio	DSA	1993
Lewis (Nick) Melton .....	Kentucky	DSA	1988	Byron Spangler.....	Florida	DSA	1993
James Reeves.....	Louisiana	DSA	1988	Sarah Hines .....	Alabama	MSA	1993
Alfred Bryne.....	Washington	DSA	1989	Mary Law .....	South Carolina	MSA	1993
Quentin Ford.....	New Mexico	DSA	1989	Alfred Bolton III.....	Georgia	DSA	1994
Robert McClure.....	Delaware	DSA	1989	Elaine Fink .....	Minnesota	DSA	1994
Allen Seckinger .....	Florida	DSA	1989	William Karr.....	Michigan	DSA	1994
T.E. (Ted) Stivers.....	Georgia	DSA/SC	1989	Walter LeFevre.....	Arkansas	DSA	1994
Walter Turner .....	Maine	DSA	1989	Richard Marr.....	Iowa	DSA	1994
Sam Wainwright .....	Alabama	DSA/SC	1989	George Nishimura.....	Hawaii	DSA	1994
Frank White.....	Illinois	DSA	1989	Alfred Schindler .....	Connecticut	DSA	1994
Eugene Bechamps.....	Florida	DSA/SC	1990	Lowell Torseth .....	Minnesota	MSA	1994
Quentin Ford .....	New Mexico	DSA/SC	1990	Margaret Wise.....	Delaware	MSA	1994
William Hanna.....	Colorado	DSA/SC	1990	David Dorchester .....	Texas	DSA	1995
Edward Pine.....	Nevada	DSA/SC	1990	Dale Henry.....	Illinois	DSA	1995
Daniel Hang.....	Illinois	DSA	1990	Wendell Higgins .....	Idaho	DSA	1995
Peter Jorgensen.....	Wyoming	DSA	1990	John Ed Isbell .....	Arkansas	DSA	1995
Robert Kersten.....	Florida	DSA	1990	James Knudsen.....	Oregon	DSA	1995
Robert Kirkpatrick Jr. ....	New Jersey	DSA	1990	William Lotz.....	Maine	DSA	1995
Francis Roy.....	Louisiana	DSA	1990	Paul Taylor.....	Alabama	DSA/SC	1995
Dale Sall .....	Nebraska	DSA	1990	Susan Miller .....	Colorado	MSA	1995
Roy Avent Jr.....	Washington	DSA	1991	Laverne Zink.....	North Dakota	MSA	1995

\*Awarded posthumously



Benjamin Harrison.....	Louisiana	LEA	1995	Dana Rucker.....	North Carolina	DSA	2000
Haunani Kekuna .....	Pennsylvania	DSA	1996	Eugene Snell.....	Delaware	DSA	2000
Dennis Meyer.....	North Dakota	DSA	1996	Bill Dickerson.....	Oklahoma	MSA	2000
Charles Neff.....	Ohio	DSA	1996	Christine Turk.....	Wyoming	MSA	2000
William Palm.....	Florida	DSA	1996	Charles Langbein.....	Florida	DSA	2001
John Steadman.....	Wyoming	DSA	1996	Frank Loudon.....	Nevada	DSA	2001
Paul Landry.....	Louisiana	MSA	1996	Steve Schenk.....	Oregon	DSA	2001
Robert McClure.....	Delaware	DSA/SC	1996	Joe Sisler.....	Kentucky	DSA	2001
Jerry Carter.....	North Carolina	LEA	1996	David Curtis.....	Idaho	MSA	2001
George Twiss.....	Washington	LEA	1996	Larry Perkins.....	Kentucky	MSA	2001
Jolee Belzung.....	Iowa	DSA	1997	Dale Sall.....	Nebraska	DSA/SC	2002
Carroll Hastings.....	Alabama	DSA	1997	William Kruger*.....	Illinois	DSA/SC	2002
Albert Hayes.....	Illinois	DSA	1997	Michael Drissel.....	Colorado	DSA	2002
Lewis Poe II.....	New Mexico	DSA	1997	Stanley Harris.....	Maryland	DSA	2002
Leon Clary.....	New York	DSA/SC	1997	John Karshenas.....	Illinois	DSA	2002
Peter Jorgensen.....	Wyoming	DSA/SC	1997	Andrew Liston.....	Massachusetts	DSA	2002
Ann Hicks.....	West Virginia	MSA	1997	Fredrick Rittershaus.....	South Dakota	DSA	2002
Patricia Peters.....	Iowa	MSA	1997	Robert Rohde.....	Nebraska	DSA	2002
Ronald Dalrymple.....	Arizona	LEA	1997	Lorraine O'Keefe.....	New York	MSA	2002
Thaddeus Watkins.....	Tennessee	LEA	1997	Christy Allen.....	Tennessee	LEA	2002
George Brizendine.....	Nevada	DSA/SC	1998	John Steadman.....	Alabama	DSA/SC	2003
Warren Fisk.....	South Dakota	DSA	1998	Richard Cottingham.....	North Carolina	DSA	2003
David Gibson.....	Montana	DSA	1998	Roy Entz.....	Oklahoma	DSA	2003
Frank Gaddy.....	West Virginia	DSA	1998	Dale Jans.....	South Dakota	DSA	2003
Andrew Sikes.....	Texas	DSA	1998	John Madden.....	Minnesota	DSA	2003
Sam Sullivan.....	Louisiana	DSA	1998	Murray Rhodes.....	Kansas	DSA	2003
Agnes Smith.....	Rhode Island	MSA	1998	Cindi Christenson.....	California	MSA	2003
Thelma Barrington.....	Illinois	MSA	1998	Angeline Kinnaird.....	Colorado	MSA	2003
Billy Cline.....	Arkansas	MSA	1998	Betty Rose.....	Kansas	MSA	2003
Daniel Hang.....	Illinois	DSA/SC	1999	Leo Ruth Jr.*.....	California	PA	2003
Larry Greene.....	North Carolina	DSA	1999	Thomas Talbot.....	Alabama	DSA/SC	2004
Edwin Hardin.....	Alabama	DSA	1999	Melvin Anderson.....	Florida	DSA	2004
Sven Johnson.....	Illinois	DSA	1999	Theodore (Ted) Fairfield.....	California	DSA	2004
L.G. (Skip) Lewis.....	South Carolina	DSA	1999	Robert C. Krebs.....	Vermont	DSA	2004
William Sperry Jr.....	Delaware	DSA	1999	Larry Smith.....	Rhode Island	DSA	2004
Kenneth White.....	New Mexico	DSA	1999	Theodore Wynne.....	Tennessee	DSA	2004
Ann Whipple.....	South Dakota	MSA	1999	Regina Dinger.....	Alabama	MSA	2004
Carol Jean Smith.....	Alabama	LEA	1999	Benjamin Harrison.....	Louisiana	MSA	2004
John Lund.....	Oregon	DSA/SC	2000	Charles Nelson.....	Nebraska	MSA	2004
Gene Corley.....	Illinois	DSA	2000	Kenneth White.....	New Mexico	DSA/SC	2005
Harry Goff.....	Colorado	DSA	2000	Bill Dickerson.....	Oklahoma	DSA	2005
Ralph Goodson.....	Wyoming	DSA	2000	George Gibson.....	Oklahoma	DSA	2005
Rita Lumos.....	Nevada	DSA	2000	Donald Hiatte.....	Missouri	DSA	2005
Bruce Pitts.....	Oklahoma	DSA	2000	Monte Phillips.....	Minnesota	DSA	2005

\*Awarded posthumously

Clyde Porter	Idaho	DSA	2005	Bill Dickerson	Oklahoma	DSA/SC	2013
Carrie Flynn	Florida	MSA	2005	Monte Phillips	North Dakota	DSA/SC	2013
E. Walter LeFevre	Arkansas	DSA/SC	2006	Howard Gibbs	D.C.	DSA	2013
Nancy Gavlin	Illinois	DSA	2006	Miller Love Jr.	South Carolina	DSA	2013
A.J.P. (Sonny) Launey	Louisiana	DSA	2006	Gary Thompson	North Carolina	DSA	2013
James Milligan	Idaho	DSA	2006	Lance Kinney	Texas	MSA	2013
Lawrence Hole*	Kansas	DSA	2006	George Twiss	Washington	MSA	2013
Kathy Hart	Oklahoma	MSA	2006	Ernest Gardow*	Connecticut	DESA	2013
Melvin Hotz	Maryland	DSA	2007	Sam Sullivan	Louisiana	DESA	2013
Jon Nelson	Oklahoma	DSA	2007	David Gibson	Florida	PA	2013
James Riney	Kentucky	DSA	2007	Richard Cottingham	North Carolina	DSA/SC	2014
William Sutherland	Minnesota	DSA	2007	David Cox	Kentucky	MSA	2014
Rosemary Brister	Mississippi	MSA	2007	Edward Roche Jr.	New Jersey	DESA	2014
Nabi Fakroddin	Illinois	DSA	2008	Jon Nelson	Oklahoma	DSA/SC	2015
James McCarter	South Carolina	DSA	2008	Gene Dinkins	South Carolina	DSA	2015
Martin Pedersen	Wyoming	DSA	2008	William Bathie	Iowa	DESA	2015
Ralph Sweet	Maine	DSA	2008	Robert Krebs	Vermont	DSA/SC	2016
Joseph Clements Jr.	Arkansas	MSA	2008	Patty Mamola	Nevada	DSA	2016
Louise Lavertu	New Hampshire	MSA	2008	Leonard (Joe) Timms	West Virginia	DSA	2016
Gregg Brandow	California	DSA	2009	Kenneth Means	West Virginia	DESA	2016
Frank Hutchinson III	New York	DSA	2009	William Pierson	West Virginia	DESA	2016
Louis Raimondi	New Jersey	DSA	2009	Richard Schwarz	Pennsylvania	DESA	2016
Mitchell Tibshirany Jr.	South Carolina	DSA	2009	Dale Jans	South Dakota	DSA/SC	2017
Frank Loudon*	Nevada	DESA	2009	Lisa Hanni	Minnesota	DSA	2017
Larry Smith	Rhode Island	DSA/SC	2010	Richard Hayter	Kansas	DSA	2017
James Foley	California	DSA	2010	Raymond Jones Jr.	Florida	DESA	2017
Howard (Skip) Harclerode II	Maryland	DSA	2010	Harold E. Williamson	Washington	DESA	2017
Peter Hutchison	Wyoming	DSA	2010	Jerry Carter	South Carolina	PA	2018
Theodore (Ted) Sack	Oklahoma	DSA	2010	Bill Dickerson	Oklahoma	PA	2018
Peggy Abshagen	Delaware	MSA	2010	Dennis Truax	Mississippi	DSA	2018
William Karr	Michigan	DSA/SC	2011	Roy Entz	Oklahoma	DESA	2018
Henry Liles	North Carolina	DSA	2011	Edwin Huston	Washington	DESA	2018
Patrick Tami	California	DSA	2011	Howard (Skip) Harclerode II	Maryland	DSA/SC	2019
Robert Zahl	Oklahoma	DSA	2011	Gary Thompson	North Carolina	DSA/SC	2019
William Huett	Alabama	MSA	2011	Michael Conzett	Nebraska	DSA	2019
Bill Dickerson	Oklahoma	DESA	2011	David Widmer	Pennsylvania	DSA	2019
Stanley Harris	Virginia	DSA/SC	2012	John Greenhalge	Ohio	MSA	2019
James Milligan	Idaho	DSA/SC	2012	David Johnston	North Carolina	DESA	2019
Govind Nadkarni	Texas	DSA	2012	George Murgel	Idaho	DESA	2019
David Whitman	Wyoming	DSA	2012	Charles Prewitt*	Louisiana	DESA	2019
Lesley Rosier-Tabor	West Virginia	MSA	2012	Sonja Sparks	Wyoming	DESA	2019
Martin Crawford	Alabama	DESA	2012	Thomas Orisich	Maryland	DSA	2020

\*Awarded posthumously

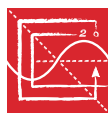
Milena Trust.....	Maryland	MSA	2020
Thomas Caldwell .....	South Carolina	DESA	2020
Kenneth (Larry) DeVries.....	Utah	DESA	2020
Burton Lewis.....	Illinois	DESA	2020
Merlin Williams .....	Minnesota	DESA	2020
Molly Williams .....	Michigan	DESA	2020
Robin Petzold .....	Florida	DSA	2021
Timothy Rickborn.....	South Carolina	DSA	2021
Wendy Lick.....	Tennessee	DESA	2021
William Parrish .....	New Jersey	DESA	2021

\*Awarded posthumously

## PAST NCEES ANNUAL MEETINGS

1920 Chicago, IL .....	November 8–9	1958 Milwaukee, WI .....	August 21–23
1921 St. Louis, MO .....	November 8–9	1959 Roanoke, VA .....	August 19–22
1922 Chicago, IL .....	October 2–3	1960 Portland, OR .....	August 18–20
1923 Chicago, IL .....	October 1–2	1961 Biloxi, MS .....	August 24–25
1924 Washington, DC .....	November 10–11	1962 Kansas City, MO .....	August 22–25
1925 Indianapolis, IN .....	November 16–17	1963 Honolulu, HI .....	August 26–30
1926 Philadelphia, PA .....	November 15–16	1964 Philadelphia, PA .....	August 18–21
1927 Asheville, NC .....	November 21–22	1965 Miami Beach, FL .....	August 24–27
1928 Little Rock, AR .....	November 19–20	1966 French Lick, IN .....	August 16–19
1929 Yellowstone Park, WY .....	August 26–28	1967 Wilmington, DE .....	August 15–18
1930 Richmond, VA .....	October 20–21	1968 Denver, CO .....	August 26–30
1931 Detroit, MI .....	October 1–3	1969 San Antonio, TX .....	August 25–29
1932 New York, NY .....	September 29– October 1	1970 Chicago, IL .....	August 16–21
1933 Chicago, IL .....	June 26–28	1971 San Juan, PR .....	August 23–27
1934 Portland, OR .....	October 4–6	1972 Seattle, WA .....	August 21–25
1935 Columbus, OH .....	October 23–24	1973 New Orleans, LA .....	August 12–15
1936 Knoxville, TN .....	October 19–21	1974 Mackinac Island, MI .....	August 18–21
1937 Scranton, PA .....	October 11–13	1975 Boston, MA .....	August 10–14
1938 Des Moines, IA .....	October 17–19	1976 Tucson, AZ .....	August 15–18
1939 San Francisco, CA .....	July 26–29	1977 Atlanta, GA .....	July 31–August 3
1940 Charleston, SC .....	October 28–31	1978 Louisville, KY .....	August 6–9
1941 New York, NY .....	October 27–30	1979 Norfolk, VA .....	August 5–8
1942 (No Meeting)		1980 Incline Village, NV .....	August 10–13
1943 Indianapolis, IN .....	October 25–26	1981 Tulsa, OK .....	August 9–12
1944 Lexington, KY .....	October 30–31	1982 Minneapolis, MN .....	August 8–11
1945 (No Meeting)		1983 Albany, NY .....	August 14–17
1946 St. Louis, MO .....	October 27–29	1984 San Francisco, CA .....	August 12–15
1947 New York, NY .....	October 27–29	1985 Hilton Head Island, SC .....	August 12–15
1948 Salt Lake City, UT .....	October 26–28	1986 St. Louis, MO .....	August 10–13
1949 Daytona Beach, FL .....	November 10–12	1987 Baltimore, MD .....	August 13–15
1950 Chicago, IL .....	October 9–11	1988 Albuquerque, NM .....	August 10–13
1951 Boston, MA .....	October 21–24	1989 Point Clear, AL .....	August 2–5
1952 Colorado Springs, CO .....	September 4–6	1990 Milwaukee, WI .....	August 1–4
1953 San Antonio, TX .....	October 29–31	1991 Nashua, NH .....	August 7–10
1954 St. Paul, MN .....	August 26–28	1992 Portland, OR .....	August 12–15
1955 Washington, DC .....	October 20–22	1993 Nashville, TN .....	August 11–15
1956 Los Angeles, CA .....	August 23–25	1994 Rapid City, SD .....	August 3–7
1957 Atlanta, GA .....	October 31– November 1	1995 Pittsburgh, PA .....	August 9–12
		1996 Coeur d' Alene, ID .....	August 7–10
		1997 New Orleans, LA .....	August 6–9

1998 Honolulu, HI.....	August 12–15	2010 Denver, CO .....	August 18–21
1999 Buffalo, NY .....	August 4–7	2011 Providence, RI.....	August 24–27
2000 Chicago, IL .....	August 2–5	2012 St. Louis, MO .....	August 22–25
2001 Little Rock, AR.....	August 1–4	2013 San Antonio, TX .....	August 21–24
2002 La Jolla, CA .....	August 7–10	2014 Seattle, WA .....	August 20–23
2003 Baltimore, MD .....	August 13–16	2015 Williamsburg, VA.....	August 19–22
2004 Cleveland, OH.....	August 11–14	2016 Indianapolis, IN .....	August 24–27
2005 Memphis, TN.....	August 24–27	2017 Miami Beach, FL .....	August 23–26
2006 Anchorage, AK.....	September 13–16	2018 Scottsdale, AZ .....	August 15–18
2007 Philadelphia, PA .....	August 22–25	2019 Washington, D.C. ....	August 14–17
2008 Minneapolis, MN.....	August 13–16	2020 Virtual .....	August 27
2009 Louisville, KY .....	August 12–15	2021 Virtual .....	September 15



**NCEES**  
*advancing licensure for  
engineers and surveyors*

**[ncees.org](http://ncees.org)** | 200 Verdae Boulevard, Greenville, SC 29607 | 800-250-3196