

**20:38:29:01. Application required.** An application is required in accordance with the provisions of this chapter, for each of the following:

- (1) Individual licensure;
- (2) Individual license renewal;
- (3) Individual license reactivation;
- (4) Business entity licensure;
- (5) Business entity license renewal;
- (6) Business entity license reactivation; and
- (7) Admission to examination, including ~~ARE~~, FE, PE, FS, LS, ~~LARE~~, and petroleum release examinations.

An application must be made on the appropriate form, be complete, legible, and accompanied by the appropriate application fee. By submitting an application, an applicant certifies, under penalty of perjury, that the information submitted by the applicant is true and correct. An applicant may be required to clarify, ~~expand~~, or provide additional information as needed to fully evaluate the application.

Any change in the information provided by an applicant or licensee, including the mail or email address, must be provided to the board office within 30 days of the change.

**Source:** 26 SDR 9, effective July 29, 1999; 29 SDR 95, effective January 6, 2003; 30 SDR 204, effective June 24, 2004; 33 SDR 70, effective June 20, 2006; 34 SDR 107, effective October 31, 2007; transferred from § 20:38:13:01, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(1).

**Law Implemented:** SDCL 36-18A-22(1), 36-18A-33.

**20:38:29:06. Expiration.** An application shall expire and be destroyed after six months from receipt if the application is not completed within that time, or if the application is denied by the board for any reason. ~~For applications for admission to the ARE, the period shall be five years commencing on the date when the first passed division is administered.~~

**Source:** 26 SDR 9, effective July 29, 1999; 33 SDR 70, effective June 20, 2006; 34 SDR 107, effective October 31, 2007; transferred from § 20:38:13:06, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(1).

**Law Implemented:** SDCL 36-18A-22(1), 36-18A-25 to 36-18A-31, inclusive.

**20:38:32:02. Architecture.** An applicant for licensure as an Architect shall pass the ~~Architectural Registration Examination (ARE)~~, which is prepared and scored by the NCARB.

An applicant may apply to NCARB for admission to the examination upon satisfaction of the architecture education requirement.

An applicant who fails all or part of the examination may retake the examination as follows: ~~An applicant that passes one or more divisions or sections of the examination will have five years to pass the remaining divisions~~ in accordance with this section. A passing grade for any division of the examination is valid for five years, after which time the division must be retaken if the remaining divisions have not been passed. The five year period begins on the date when the first passed division is administered. If an applicant fails to pass all divisions within five years, then the first passed division ~~shall~~ must be retaken and the five year period begins on the date when the next oldest passed division is administered.

~~Effective January 1, 2012, the authorization to test of any applicant shall terminate unless the applicant has successfully passed a division of the ARE within a period of five years. This period includes the five years prior to January 1, 2012. Any applicant whose authorization is so terminated shall reapply for admission to the examination under the then current requirements.~~

**Source:** 26 SDR 9, effective July 29, 1999; transferred from § 20:38:17:06, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(3), 36-18A-27.

**Law Implemented:** ~~SDCL 36-18A-1(3),~~ 36-18A-27.

**20:38:32:05. Landscape architecture.** An applicant for licensure as a Landscape Architect shall pass the ~~Landscape Architectural Registration Examination (LARE)~~, which is prepared and scored by CLARB.

An applicant may apply to CLARB for admission to the examination upon satisfaction of the landscape architecture education and experience requirements.

~~— An applicant who fails to pass the first LARE examination may retake the examination two times. If the applicant fails the examination three times, the applicant may submit only one new application for admission to the examination per calendar year thereafter. The board may review an applicant who has failed the examination three times and may require additional qualifying education or experience.~~

**Source:** 26 SDR 9, effective July 29, 1999; transferred from § 20:38:17:11, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(3), 36-18A-30.

**Law Implemented:** SDCL 36-18A-30.

**20:38:34:03. Experience requirement.** An applicant for licensure through comity shall meet the necessary experience requirement as described in SDCL 36-18A-35.

An applicant for licensure through comity may receive credit for non-mentored experience if the applicant has been licensed in another jurisdiction for at least ten years and is currently in good standing with no pending investigations.

**Source:** 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(3).

**Law Implemented:** SDCL 36-18A-25 to through 36-18A-30, ~~inclusive~~ and, 36-18A-35.

## **CHAPTER 20:38:35**

### **CONTINUING PROFESSIONAL DEVELOPMENT**

#### **Section**

- |             |  |
|-------------|--|
| 20:38:35:01 | Continuing professional development required for license renewal.      |
| 20:38:35:02 | Alternative continuing professional development option for architects. |
| 20:38:35:03 | PDH sources.   |
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**20:38:35:01. Continuing professional development required for license**

**renewal.** Unless exempted, all individual licensees ~~are required to~~ shall obtain a minimum of 30 Professional Development Hours (PDH) during the biennium preceding license renewal. PDH credit must be obtained in a qualifying professional development activity, including courses or activities with clear purposes and ~~objective which~~ objectives that maintain, improve, or expand the licensee's skills and knowledge relevant to the licensee's field of practice.

Of the required 30 PDH, a minimum of 20 PDH must be in technical subjects that lead to further professional development in the licensee's field of practice. Technical subjects include design; environmental analysis; programming and planning; structural systems; lateral forces; mechanical, electrical, plumbing, and acoustical systems; construction methods; construction observation; site and soils analyses and design; accessibility; building codes; selection of building materials; and land survey.

Of the required 30 PDH, a maximum of 10 PDH may be in professional management subjects such as total quality management, professional business practice, ~~or~~ and ethics.

~~—— If the 30 PDH minimum is exceeded in any biennium, up to 15 hours in excess of the 30 minimum hours may be carried forward and credited toward the requirement for the next biennium.~~

~~By submitting an application for license renewal, Licensees submitting a renewal application shall include a copy of the PDH log required by section 20:38:35:07(1). the The licensee certifies shall certify, under penalty of perjury, that all information submitted by the licensee in the application, including continuing professional development information, is true and correct.~~

If notified by the board of an audit, a licensee ~~must~~ shall supply sufficient additional information to permit verification that the continuing professional development requirement has been met.

**Source:** 26 SDR 9, effective July 29, 1999; 33 SDR 70, effective June 20, 2006; 34 SDR 107, effective October 31, 2007; transferred from § 20:38:23:03, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(4).

**Law Implemented:** SDCL 36-18A-39, 36-18A-40.

**20:38:35:07. Record keeping.** A licensee shall maintain records to support professional development PDH credits claimed. Records sufficient for audit purposes must be maintained for a minimum of three years after the date of renewal. ~~The records shall include the PDH credits earned in the biennium prior to the date of renewal and, in the case of carryover PDH credit, shall include the years when the carryover PDH was earned.~~ A licensee shall keep the following records:

(1) A log showing the date of the activity, type of activity claimed, sponsoring organization, location, duration, instructor's or speaker's name, and PDH credits ~~earned~~ claimed; and

(2) Attendance verification records in the form of completion certificates or other documents supporting evidence of attendance; ~~or.~~

~~——(3) Records as maintained by the following professional record repositories, such as may be provided in lieu of the above documents:~~ the American Institute of Architects (AIA), the Professional Development Registry for Engineers and Surveyors (PDRES), ~~or the Council of Landscape Architectural Registration Boards (CLARB), or NCEES.~~

**Source:** 26 SDR 9, effective July 29, 1999; 33 SDR 70, effective June 20, 2006; transferred from § 20:38:23:07, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(4).

**Law Implemented:** SDCL 36-18A-22(4), 36-18A-39.



**20:38:35:09. Audits.** The ~~board may~~ executive director shall select a random sample of license renewals to audit for compliance. Each licensee selected for audit shall submit a PDH log of the PDH claimed for the biennium preceding license renewal along with detailed information and documentation for the PDH credit claimed. The board may also audit based on complaints or charges against a licensee. Audit submissions must be organized in the same manner as the PDH log. Failure to ~~respond~~ submit the required documentation within 30 days of an audit notification or other request for information may result in disciplinary action. Falsification of documentation is grounds for disciplinary action.

**Source:** 26 SDR 9, effective July 29, 1999; 33 SDR 70, effective June 20, 2006; 34 SDR 107, effective October 31, 2007; transferred from § 20:38:23:12, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(4).

**Law Implemented:** SDCL 36-18A-39.

**20:38:35:10. Compliance.** If an audit indicates a failure to comply with the professional development requirements, the licensee will have ~~90~~ 30 calendar days after receipt of written notice to further reinforce the claim of PDH credits ~~or to acquire sufficient PDH credit to meet the requirements.~~

If the licensee is unable to reinforce the claim of PDH credits, the licensee shall acquire sufficient PDH credit to meet the requirements within 30 days of the receipt of the written notice and is subject to disciplinary action.

The board may take into consideration hardship or extenuating circumstances in allowing correction of deficiencies, but the deadline may not be extended more than one year.

**Source:** 26 SDR 9, effective July 29, 1999; transferred from § 20:38:23:13, 38 SDR 121, effective January 16, 2012.

**General Authority:** SDCL 36-18A-22(4).

**Law Implemented:** SDCL 36-18A-39.

**20:38:35:11. Carryover PDH.** If a licensee obtains more than 30 PDH in a biennium, up to 15 PDH may be carried forward to the following biennium. PDH may only be carried forward one time.

**Source:**

**General Authority:** SDCL 36-18A-22(4).

**Law Implemented:** SDCL 36-18A-39, 36-18A-40.

**Meeting Minutes**  
**SOUTH DAKOTA BOARD OF TECHNICAL PROFESSIONS**

Friday, July 24, 2020  
Board Office, Clock Tower Plaza  
2525 W. Main St., Suite 211, Rapid City, SD

- A. Call to order at 8:30 A.M. Mountain Time for scheduled meeting
- B. Roll Call

**Members present:** Chairman Steve Thingelstad; Vice Chairman Colby Flynn; Mike Albertson; Ryan Callaghan; Steve Williams and Steve Peters.

**Attending via phone:** Secretary Catherine Dekkenga; Nancy Hoines, SD Engineering Society, ACEC.

**Others present:** Guest Jon Collins, SDSPLS President Elect; Staff Attorney Graham Oey and Staff members Kathryn Patterson and Lorrie Thompson

- C. Review of May 29, 2020 Minutes  
Albertson made a motion, seconded by Peters to approve the May 29, 2020 minutes.  
**MOTION PASSED**
- D. Public Comments  
No comments from attendees made
- E. Review of vouchers paid since last meeting  
Vouchers were reviewed and found to be in order.
- F. Activities report ending June; Review of Deposits; Financials ending June  
Activities report shows steady increase in number of licensees. Deposits were reviewed and found to be in order. Financials show steady increase from Fiscal year 2019.
- G. Investigation reports  
Case 19-05 PE/AR – Construction Administration  
Reported that main core of case is complete but there may be a side issue to address  
  
Case 20-02 LS – Contract Issue – Ethics  
Peters made a motion to dismiss on lack of merit, seconded by Callaghan.  
Thingelstad recused from voting. **MOTION PASSED**  
  
Case 20-03 PE – Bridge Structural – Calculations  
New case received and requested Chairman to assign Albertson to the investigative committee. Investigation will be on going.
- H. Unfinished Business  
Action Items

Item 1: 20:38:38 Fire Protection Systems – Rules review for streamlining Fire Protection – Committee formed – Fact gathering stage ongoing

Item 2: Marketing and Outreach – Newsletter, etc. – Fact gathering stage

- Staff working with Public Affairs to produce/distribute newsletter
- Future Board meetings to be held via Zoom or similar platform
- Mobile board meeting possibly to be held at SDSU

Item 3: Engineering Experience ARSD 20:38:31:03 – In absence of the required mentored experience, the qualifying experience requirements may be considered to be satisfied by an applicant licensed in another jurisdiction for at least **ten (10) years** in good standing and without disciplinary actions – Fact gathering stage – Moving forward with rules revisions later this year

Item 4: Carryover PDH hours ARSD 20:38:35:01 or 20:38:35:07 – Limit length of time that carryover hours may be used for credit to fulfill the 30 hours required for renewal – Fact gathering stage – Moving forward with rules revisions later this year

Item 5: ARSD referring to ARE and LARE exam references – 20:38:29:01; 20:38:32:05; 20:38:29:06 – Moving forward with rules revisions later this year

I. New Business

NCARB Update – May 2020 Issue

NCARB Exam Delivery Info

NCEES PE Electrical & Computer moving to CBT January 2021

ICC Government Relations Monthly Update – July 2020

NCARB Fast Facts – June 2020

NCARB Update on Access to ARE

NCEES Future Changes to Exams and Supporting Materials

NCARB ARE Update

NCEES Zone VP Visit to ND Board

NCEES Move to New Building at 200 Verdae Boulevard; Greenville, SC 29607

NCARB ARE Update

NCEES Annual Meeting Info

NCARB Fast Facts – July 2020

The board briefly discussed each of the above topics.

J. PDH Audits

New Audits: Derick Alan Anderson, PE; Nathaniel William Austin, LS; Shawn D. Bagley, PE; Richard Francis Barton, LS; Shawn Weston Harding, AR; Kristen A.S. Kavanagh, PE; Matthew James Pajl, PE; Danyelle Payne Pierquet, LA; Daniel Jack Poling, AR; Geoffrey Brian Slick, PE; James M. Stephenson, PE; Michael E. Small, LS; and Paul John Wunnenberg, AR.

Albertson made a motion, seconded by Callaghan to approve the audits of Derick Alan Anderson, PE; Kristen A.S. Kavanagh, PE; Matthew James Pajl, PE; and James M. Stephenson, PE. **MOTION PASSED**

Callaghan made a motion, seconded by Albertson to approve the request for an extension of PDH Audit due to COVID-19 and non-access to records for Shawn D. Bagley, PE. **MOTION PASSED**

Callaghan made a motion, seconded by Albertson to deny the audit of Geoffrey Brian Slick, PE, pending receipt of additional information. **MOTION PASSED**

Peters made a motion, seconded by Thingelstad to approve the audits of Nathaniel William Austin, LS; and Michael E. Small, LS. **MOTION PASSED**

Peters made a motion, seconded by Thingelstad to deny the audit of Richard Francis Barton, LS, pending receipt of additional information. **MOTION PASSED**

Williams made a motion, seconded by Albertson to deny the audit of Danyelle Payne Pierquet, LA, pending receipt of additional information. **MOTION PASSED**

Williams made a motion, seconded by Dekkenga to approve the audits of Daniel Jack Poling, AR; and Paul John Wunnenberg, AR. **MOTION PASSED**

Williams made a motion, seconded by Dekkenga to deny the audit of Shawn Weston Harding, AR, pending receipt of additional information. **MOTION PASSED**

Previous Audits: Jeffrey Baker, AR; Ryan Garrett Cook, LS; Kent Joseph Jones, PE; and Jeremy David Parrish, PE.

Williams made a motion, seconded by Dekkenga to approve the audit of Jeffrey Baker, AR. **MOTION PASSED**

Peters made a motion, seconded by Thingelstad to approve the audit of Ryan Garrett Cook, LS. **MOTION PASSED**

Albertson made a motion, seconded by Callaghan to approve the audit of Kent Joseph Jones, PE. **MOTION PASSED**

Albertson made a motion, seconded by Callaghan to approve the audit of Jeremy David Parrish, PE. **MOTION PASSED**

K. Approval of Examinees passing NCEES Examinations (Appendix A)

Albertson made a motion, seconded by Callaghan to approve the following examinees passing the Fundamentals of Engineering (FE) Exam. **MOTION PASSED**

Name	Certificate #	Exam
Nikkel, Austin Daniel	E-12878	FE
Anderson, Noah Michael	E-12880	FE
Berg, Johnathan	E-12881	FE
Bisgard, Samuel Curtis	E-12882	FE

Name	Certificate #	Exam
Hinricher, Benjamin	E-12884	FE
Gunning, Mykin Elise	E-12885	FE
Phillips, Matthew Ryan	E-12887	FE

Peters made a motion, seconded by Thingelstad to approve the following examinees for passing the Fundamentals of Surveying (FS) Exam. **MOTION PASSED**

Name	Certificate #	Exam
Skoglund, Austin Kelly	S-12879	FS
Bickness, Aaron Neal	S-12886	FS
Halenza, Rosemary	S-12888	FS
Jordan, Travis Scott	S-12889	FS

Peters made a motion, seconded by Thingelstad to approve the following examinee for passing the Principles of Surveying (PS) Exam. **MOTION PASSED**

Name	License #	Exam
Garcia, Russell	14808	LS

Albertson made a motion, seconded by Callaghan to approve the following examinee for passing the Principles of Engineering (PE) Exam. **MOTION**

Name	License #	Exam
Rikala, Lance	14807	PE-ME

L. Approval to take the NCEES Examinations as available (Appendix B)

Albertson made a motion, seconded by Callaghan to approve the following examinees to take the Fundamentals of Engineering (FE) Exam as available. **MOTION CARRIED**

Name	Exam
Burczek, Elie Nicole	FE
Day, Bradley	FE
Johnson, Kaycee Jo	FE
Liang, Guanxuan	FE
Mendivil Rodriguez, Estefany	FE
Rusten, Kendal Renea	FE
Schneider, Jessica Elizabeth	FE
Smith, Ryan Peter	FE

Name	Exam
Updike, Joseph	FE
Wharton, Jamison JoAnn	FE

Peters made a motion, seconded by Thingelstad to approve the following examinees to take the Fundamentals of Surveying (FS) Exam as available. **MOTION PASSED**

Name	Exam
Dikoff, Ashlee Jean	FS
Krafcik, James Joseph	FS
Luberts, Kayle Blayze	FS

Callaghan made a motion, seconded by Albertson to approve the following examinees to take the Principles of Engineering (PE) Exam as available. **MOTION PASSED**

Name	City	State
Bollinger, Ryon Wayne	Pierre	SD
Galpin, Robert John	Rapid City	SD
Hansen, Gregory Lorren	Sioux Falls	SD
Herber, Chelsey Jeanine	Sioux Falls	SD
Martin, Mathew David	Sioux Falls	SD
Maynard, Corey Stephen	Tea	SD
Metzger, Brendan	Rock Rapids	IA
Munsterman, Jesse	Sioux Falls	SD
Truax, Ryan A.	Sioux Falls	SD

Callaghan made a motion, seconded by Thingelstad to approve the following examinee to take the Principles of Engineering (PE) Exam as available. **MOTION PASSED.** Albertson recused from voting.

Name	City	State
Preszler, Shaun Adam	Sioux Falls	SD

#### M. Approval of Comity applications (Appendix C)

Williams made a motion, seconded by Dekkenga for approval of the following Architects (AR) by comity. **MOTION PASSED**

Name	City	State	Profession	License #
DeBoer, Matthew John	Papillion	NE	AR	14809
Duer, Dennis C.	Omaha	NE	AR	14803
Ford, Mark	Columbus	OH	AR	14804
Gori, Viren	Minneapolis	MN	AR	14810
Inman, Joshua Eugene	Oviedo	FL	AR	14811
Jacobson, Steve Grant	Chicago	IL	AR	14878
Lavelle, Richard Joseph	Savage	MN	AR	14812
Loree, Nathan	Detroit	MI	AR	14806
McHale, Mackenzie Allyn	Centennial	CO	AR	14813
McKinley, Richard Kenneth	Plattsmouth	NE	AR	14814
Morrau, Jeffrey Ray	Fargo	ND	AR	10263
Muniz-Guillet, Ricardo Javier	Cumming	GA	AR	14815
Shelton, David Michael	Bolivar	MO	AR	7790
Skimming, Joseph	San Diego	CA	AR	14805
Todd, Charles Jesse	Oakton	VA	AR	14816
Turner, Ryan	Eveleth	MN	AR	14817
Whalen, Heather	Minneapolis	MN	AR	14818
Whitney, Laurie Lee	Middleton	WI	AR	14819

Peters made a motion, seconded by Thingelstad for approval of the following Land Surveyors (LS) by comity. **MOTION PASSED**

Name	City	State	Profession	License #
Lundquist, Greg B.	Hudson	WI	LS	14882
Nolte, Mark Wayne	Kansas City	MO	LS	14883
Oswald, Louis B.	Bailey	CO	LS	14884

Albertson made a motion, seconded by Callaghan for approval of the following Professional Engineers (PE) by comity. **MOTION PASSED**

Name	City	State	Profession	License #
Blasen, Benjamin Michael	Corvallis	OR	PE	14820
Boyce, Matthew Joseph	Saint Charles	MO	PE	14821
Busch, Gunnar Robert	Metairie	LA	PE	14822
Chau, Christa	Scottsdale	AZ	PE	14823
Clapper, Bryan	Saugerties	NY	PE	14824
Costigan, Rebecca Rand	Vassalboro	ME	PE	14825
Danner, Nathan James	Bismarck	ND	PE	14826
Delrie, Jason Brent	Ball	LA	PE	14827
Dethlefs, Richard Alan	Edmonds	WA	PE	14828
Elliott, Jason Mark	Stillwater	OK	PE	14829
Evan, Brian James	Maplewood	MN	PE	14830
Everette, Anthony Wade	Kirksville	MO	PE	14831
Ezold, Robert Wayne	Knoxville	TN	PE	14832
Galloway, Cody Lee	Beulah	WY	PE	14833
Grant, Arlen Paul	West Lakeland	MN	PE	14834
Greifengberg, Peter Andrew	Dearborn	MI	PE	14835



Name	City	State	Profession	License #
Greiman, Wade Allan	Ankeny	IA	PE	14836
Hayes, Michael Robert	Vestal	NY	PE	14837
Horos, David R.	Chicago	IL	PE	14838
Hymas, Phillip	Camas	WA	PE	14839
Jones, James Milton	Glendale	AZ	PE	14840
Jorgenson, Chad Martin	Hugo	MN	PE	14841
Kermode, Brian Kenneth	Concord	OH	PE	14842
Kraemer, Michael James	Scottsdale	AZ	PE	14843
Krista, Tara Lynn	Chippewa Falls	WI	PE	14844
Langley, Brett Michael	Sioux City	IA	PE	14845
Little, John Thomas	Edmond	OK	PE	14846
Manning, Jennifer Jo	Zumbrota	MN	PE	14847
Marianos, Ward Nicholas	Evington	VA	PE	14848
McFadden, Matthew B.	Omaha	NE	PE	14849
Meyer, Matthew Ralph	Ogden	UT	PE	14850
Miles, Eric James	Binghamton	NY	PE	14851
Minogue, Andrew	Grapevine	TX	PE	14852
Myrtle, Cory	Fort Collins	CO	PE	14853
Olsen, David Lee	Highlands Ranch	CO	PE	14854
Parker, Marc Barrington	Lakeville	MN	PE	14855
Posma, Robert Dale	Anchorage	AK	PE	14877
Reif, Jeffrey James	Oregon	WI	PE	14856
Rich, Josh	Prague	NE	PE	14857
Rojas, Cesar	Grand Prairie	TX	PE	14858
Rowley, James	Ionia	MI	PE	14859
Schall, Daniel	Portland	OR	PE	14860
Schneider, Brian T.	Spokane Valley	WA	PE	14861
Sesselman, Sarah Catherine	Grand Forks	ND	PE	14862
Shadid, Blake	Lenexa	KS	PE	14863
Smoyer, Gina Elizabeth	Omaha	NE	PE	14864
Spears, Paul Wesley	Overland Park	KS	PE	14865
Strand, Jon Ingmar	Chippewa Falls	WI	PE	14866
Thole, Jordan P.	White Bear Lake	MN	PE	14867
Trujillo, Johannah L.	Broomfield	CO	PE	14868
Underwood, Eric	Chicago	IL	PE	14869
Van Abel, Joshua Jerome	Marine on Saint Croix	MN	PE	14870
Vasquez, Arturo Quevedo	Houston	TX	PE	14871
Vorderbruggen, Alan J.	Duluth	MN	PE	7892
Waltz, Kelsey	Willmar	MN	PE	14872
Warren, Maureen Theresa	Pembroke	GA	PE	14873
Weber, Michael	Panama City	FL	PE	14874
Wiegmann, Chad Gerald	Saint Charles	MO	PE	14875
Wyatt, Alison	Oregon City	OR	PE	14876

Albertson made a motion, seconded by Callaghan for approval of the following Professional Engineers (PE) by comity. **MOTION PASSED**

Name	City	State	Profession	License #
Ataiyan, Frank	Riverside	CA	PE	8230
Beard, Matthew	Watford	ND	PE	14885
Epp, Gerald Alan	Abbotsford	BC	PE	14886
Frasier, Daniel	Boxford	MA	PE	14887
Henry, Matthew	Gretna	NE	PE	14888
Jones, Robert W. II	Fruita	CO	PE	14889
Sletmoe, Traci Kay	Fargo	ND	PE	14890

Albertson made a motion, seconded by Callaghan for denial of the following Professional Engineers (PE) by comity for lack of qualifying experience. **MOTION PASSED**

Name	City	State	Profession
Beal, Glen Eric	Richmond	TX	PE
Bray, Jesse	Arvada	CO	PE
Galbavi, Kevin James	Howell	MI	PE
Hunley, Brian Dale	Broken Arrow	OK	PE
Moses, David	Toronto, Ontario	Canada	PE
Thompson, Carl E. Jr.	Englewood	TN	PE

N. Approval of Business applications (Appendix D)

Peters made a motion, seconded by Thingelstad for approval of the following Business Applications. **MOTION PASSED**

Company Name	City	State	Profession	License #
Arlen P. Grant, Sole Proprietor	West Lakeland	MN	PE	C-8167
Assurance Land Surveying	Faulkton	SD	LS	C-8154
CBS Squared Inc.	Chippewa Falls	WI	PE	C-8174
CCI & Associates, Inc.	Houston	TX	PE	C-8161
Clapper Structural Engineering, PLLC	Saugerties	NY	PE	C-8162
CLC Engineering LLC	Alexandria	LA	PE	C-8164
Coast to Coast Engineering Services, Inc.	Freeport	ME	PE	C-8163
Creador Architecture LLC	Savage	MN	AR	C-8156
Dixon Engineering, Inc.	Lake Odessa	MI	PE	C-1879
DLZ National, Inc.	Columbus	OH	AR	C-8153
DNV GL Energy USA, Inc.	San Diego	CA	PE	C-8138
Engineered Solutions	Saint Charles	MO	PE	C-8160
Ennovation	McFarland	WI	PE	C-8149

Company Name	City	State	Profession	License #
Ford & Associates Architects, Inc.	Columbus	OH	AR	C-8151
Gori and Associates LLC	Minneapolis	MN	AR	C-8155
Hazen and Sawyer, Corporation	Hicksville	NY	PE	C-8139
Hungry Horse Engineering	Liberty Lake	WA	PE	C-8171
Joseph David Associates LLC	Spiro	OK	AR	C-8158
Kraemer Consulting Engineers, PLLC	Phoenix	AZ	PE	C-8168
Meyer Development and Engineering	Ogden	UT	PE	C-8170
Michels Corporation	Brownsville	WI	PE	C-8148
MK Weber Engineering, LLC	Panama City	FL	PE	C-8175
Mour Group Engineering + Design, Inc.	San Diego	CA	AR	C-8152
Professional Associates, Ltd.	Omaha	NE	AR	C-627
R. G. Vanderwell Engineers LLP	Atlanta	GA	PE	C-8150
Residential Engineering Services, LLC	Lee's Summit	MO	PE	C-8172
Ricardo J. Muniz, Architect	Cumming	GA	AR	C-8157
Stand Structural Engineering, Inc.	Overland Park	KS	PE	C-8173
Studio for Housing Design, LLC	Atlanta	GA	AR	C-8159
TeleMtn Engineering LLC	Denver	CO	PE	C-8147
Utility Safety & Design, Inc.	Olney	IL	PE	C-8166
Ward Nicholas Marianos, Jr.	Evington	VA	PE	C-8169
Wiegmann & Associates Inc.	St. Charles	MO	PE	C-8176
YA Engineering Services, LLC	Edmonds	WA	PE	C-8165

Albertson made a motion, seconded by Callaghan for approval of the following Business Applications. **MOTION PASSED**

Company Name	City	State	Profession	License #
Cornerstone Commissioning, Inc.	Boxford	MA	PE	C-8185
St. Croix Surveying	Hudson	WI	LS	C-8181
StructureCraft Builders Inc.	Abbotsford	BC	PE	C-8184

Company Name	City	State	Profession	License #
Thomas, Dean & Hoskins, Inc.	Great Falls	MT	PE	C-8183
Tukuh Technologies, LLC	Kansas City	MO	LS	C-8182
Vortex Engineering, Inc.	Grand Junction	CO	PE	C-8186

Albertson made a motion, seconded by Callaghan for denial of the following Business Applications based on denial of a comity application. **MOTION PASSED**

Company Name	City	State	Profession
CE Power Engineered Services, LLC	Cincinnati	OH	PE
Moses Structural Engineers, Inc.	Toronto, Ont.	Canada	PE
Thompson Engineering Services, LLC	Englewood	TN	PE

O. Review previous applications (Appendix E)

Albertson made a motion, seconded by Callaghan for approval examinee to take the Principles of Engineering (PE) Exam as available on second review. **MOTION PASSED**

Name	City	State
Knoff, Camden	South Saint Paul	MN

Albertson made a motion, seconded by Callaghan for approval of the following Professional Engineer (PE) comity application on second review. **MOTION PASSED**

Name	City	State	Profession	License #
Salmon, Jeremy Thomas	Brentwood	TN	PE	14893
Weegens, Richard Todd	Freeport	IL	PE	14894
Willan, William Craig	Custer	SD	PE	6080
Zucco, Kevin	Santa Rosa	CA	PE	14895

Albertson made a motion, seconded by Callaghan for approval of the following Business Applications on second review. **MOTION PASSED**

Company Name	City	State	Profession	License #
Omega Engineering	Custer	SD	PE	C-8187
ZFA Structural Engineers	Santa Rosa	CA	PE	C-8188

P. Annual, zone, & upcoming meetings

Annual, zone and upcoming meetings have been canceled for in person, may be held via virtual platform.

Albertson made a motion, seconded by Callaghan to enter Executive Session for the purpose of discussing personnel issues pertaining to the Board or Staff. **MOTION PASSED**

All Staff and visitors exited the meeting room at this time.

Board exited Executive Session to continue the remainder of the meeting.

Q. Correspondence

Nominee for Assistant Vice President of the Central Zone of NCEES

Tyrell for NCEES Treasurer

Bostelman for AVP of Central Zone

Arndt for NCEES Treasurer

Zoutewellel for NCEES Treasurer

NCEES CFO Retirement

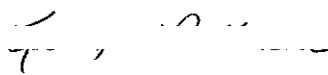
Central Zone VP on elections

The Board briefly discussed each of the above along with the motions presented by the NCEES Board of Directors to be voted on. Ballot was completed by Chairman Thingelstad to be submitted to NCEES for the Annual Business meeting.

R. Adjournment

Peters made a motion, seconded by Callaghan to adjourn the meeting. **MOTION PASSED**

There being no further business, at the hours of 11:10 a.m. Mountain time meeting of the South Dakota Technical Professions adjourned.

  
Kathryn Patterson  
Executive Director

**ACTIVITIES REPORT FOR THE YEAR 2020**

DATE	ASSESSOR			AR			AR/LA			LA			LS			PE			PE/AR		
	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT
1/31	9	4	13	127	823	950	1	0	1	21	53	74	112	296	408	965	3667	4632	1	1	2
2/28	9	4	13	125	826	951	1	0	1	21	53	74	112	296	408	966	3699	4665	1	1	2
3/31	9	4	13	125	825	950	1	0	1	21	53	74	112	295	407	969	3736	4705	1	1	2
4/30	9	4	13	125	826	951	1	0	1	21	53	74	111	294	405	967	3732	4699	1	1	2
5/31	9	4	13	125	815	940	1	0	1	21	52	73	109	294	403	967	3706	4673	1	1	2
6/30	9	4	13	124	835	959	1	0	1	20	53	73	109	295	404	967	3758	4725	1	1	2
7/31	9	3	12	123	831	954	1	0	1	20	53	73	109	297	406	969	3749	4718	1	1	2
8/31	9	3	12	123	833	956	1	0	1	20	53	73	109	297	406	970	3778	4748	1	1	2
9/30		0			0			0			0			0			0				0
10/31		0			0			0			0			0			0				0
11/30		0			0			0			0			0			0				0
12/31		0			0			0			0			0			0				0

DATE	PE/LA			PE/LS			PE/LS/R			PE/R			REMIADIATOR			LICENSEES			BUSINESS		
	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT
1/31	0	1	1	47	13	60	1	1	2	14	5	19	17	22	39	1315	4886	6201	280	2150	2430
2/28	0	1	1	47	13	60	1	1	2	14	5	19	17	22	39	1314	4921	6235	280	2161	2441
3/31	0	1	1	47	13	60	1	1	2	13	6	19	17	21	38	1316	4956	6272	279	2231	2510
4/30	0	1	1	47	13	60	1	1	2	13	6	19	17	21	38	1313	4952	6265	277	2169	2446
5/31	0	1	1	46	13	59	1	1	2	13	5	18	17	22	39	1310	4914	6224	275	2153	2428
6/30	0	1	1	46	13	59	1	1	2	12	5	17	17	23	40	1307	4989	6296	275	2183	2458
7/31	0	1	1	46	13	59	1	1	2	12	5	17	17	23	40	1308	4977	6285	273	2168	2441
8/31	0	1	1	48	12	60	1	1	2	12	5	17	17	23	40	1311	5007	6318	275	2185	2460
9/30		0			0			0			0			0		0	0	0			0
10/31		0			0			0			0			0		0	0	0			0
11/30		0			0			0			0			0		0	0	0			0
12/31		0			0			0			0			0		0	0	0			0

	JAN	FEB	MAR	APR	MAY	JUNE
Business	2430	2441	2510	2446	2428	2458
Active	6201	6235	6272	6265	6224	6296
Inactive	253	252	254	254	255	258
Retired	201	202	203	204	205	203
<b>TOTAL</b>	<b>9085</b>	<b>9130</b>	<b>9239</b>	<b>9169</b>	<b>9112</b>	<b>9215</b>

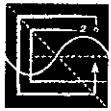
	JULY	AUG	SEPT	OCT	NOV	DEC
Business	2441	2460	0	0	0	0
Active	6285	6318	0	0	0	0
Inactive	251	254	0	0	0	0
Retired	202	202	0	0	0	0
<b>TOTAL</b>	<b>9179</b>	<b>9234</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ACTION ITEMS

	Initial Date	Action	Decision	Responsible Person(s)	Status
1	05/18/2018	20:38:38 Fire Protection Systems	Rules review for streamlining Fire Protection	Committee formed by Albertson and Williams	Fact Gathering stage - On going
2	01/18/2019	Marketing and Outreach	Newsletter, etc.	Board/Staff	Fact Gathering stage - On going
3	09/19/2016	Engineering Experience ARSD 20:38:34:03	In absence of the required mentored experience the qualifying experience requirements may be considered to be satisfied by an applicant licensed in another jurisdiction for at least <b>ten (10)</b> years in good standing and without disciplinary actions.	Board/Legal Counsel/Staff	Hearing 09/18/20
4	11/24/2019	Carryover PDH hours ARSD 20:38:35:07; 20:38:35:09; 20:38:35:10; 20:38:35:11 (new section)	Limit length of time that carry over hours may be used for credit to fulfill the 30 hours required for renewal.	Board/Legal Counsel/Staff	Hearing 09/18/20
5	05/29/2020	Rules updates re: ARE & LARE exams 20:38:29:01 20:38:32:05 20:38:29:06	Update references to ARE & LARE references in rules	Board/Legal Counsel/Staff	Hearing 09/18/20

08/25/2020





# NCEES

*advancing licensure for  
engineers and surveyors*

P.O. Box 1686 (280 Seneca Creek Rd.), Clemson, SC 29633 USA T: (864) 654-6824 NCEES.ORG

## MEMO

**DATE:** April 14, 2020

**TO:** Member Board Administrators utilizing NCEES Exam Administration Services (EAS)

**FROM:** David Cox, Chief Executive Officer

**RE:** Notice of changes to October 2020 paper-and-pencil exam administration

The cancellation of the April 2020 paper-and-pencil exam administration impacted approximately 16,000 examinees. To accommodate these examinees, the format of the October 2020 exam administration will be modified as shown below.

### **Exam administration format**

The October 2020 paper-and-pencil exam administration will be administered over two days – Thursday, October 22 and Friday, October 23. Please note that exams usually offered once a year during the April administration will be offered in October. Exams must be administered on the day assigned as follows:

#### **Thursday, October 22, 2020**

Civil: Geotechnical  
Civil: Transportation  
Civil: Water Resources and Environmental  
SE Vertical Forces Bridges  
SE Vertical Forces Buildings

#### **Friday, October 23, 2020**

Agricultural and Biological Engineering  
Architectural Engineering  
Civil: Construction  
Civil: Structural  
Control Systems  
Electrical and Computer: Computer Engineering  
Electrical and Computer: Electronics, Controls, and Communications  
Electrical and Computer: Power Metallurgical and Materials  
Mining and Mineral Processing  
Naval Architecture and Marine  
SE Lateral Forces Bridges  
SE Lateral Forces Buildings

### **Exam administration schedule**

Registration opens	June 1, 2020 (Note: this is 2 weeks early)
Examinee registration deadline	August 20, 2020, at 3:00 p.m. EDT
Member board approval deadline	August 27, 2020 at 3:00 p.m. EDT (Note: occurs 1 week after the examinee registration deadline)
NCEES ships exam administration manuals	September 11, 2020
Earliest delivery date for exam shipments	October 5, 2020
Latest delivery date for exam shipments	October 16, 2020
Exam inventory deadline	October 19, 2020
Exam administration	October 22 – 23, 2020

### **Examinee approval process for EAS boards**

Examinees who were approved to take an exam during the April 2020 administration will be automatically approved by NCEES Exam Administration Services (EAS) for the October 2020 administration if they register for the same exam through the same board. Examinees who do not meet these conditions and all new examinees must be approved by the board by August 27, 2020, at 3:00 p.m. EDT.

If you have any questions about the October 2020 exam administration format or schedule, please contact Stef Goodenow at [sgoodenow@ncees.org](mailto:sgoodenow@ncees.org).

#### **C: NCEES Board of Directors**

Davy McDowell, P.E., Chief Operating Officer  
Steven Matthews, Chief Technology Officer  
Tim Miller, P.E., Director of Exam Services  
Stef Goodenow, Director of Member Services  
Bob Whorton, P.E., Manager of Compliance and Security  
Ashley Cheney, Manager of Exam Publications

NCARB

# NCARB UPDATE

JULY 2020 ISSUE

## IN THIS ISSUE:

### EXAMINING THE TIMELINE TO LICENSURE

In recent years, NCARB has refreshed its experience and examination programs. These changes have helped significantly reduce the timeline to licensure, and will hopefully lead to greater diversity in the profession in years to come. Now, NCARB would like to see a similar consideration in the education arena.

[READ MESSAGE FROM THE CEO](#)

### DIVERSITY AND DATA

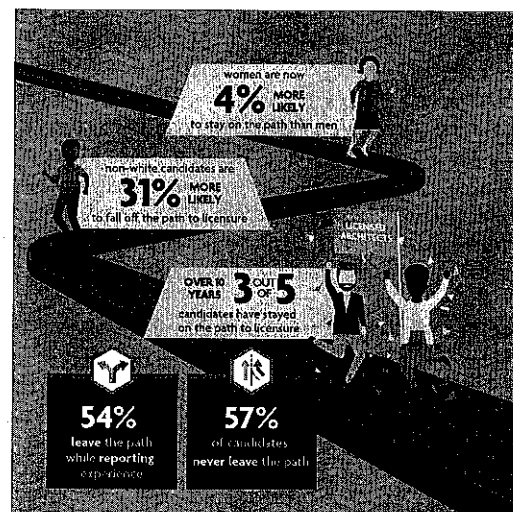
NCARB has released its annual *NCARB by the Numbers* data publication, featuring information on demographics and trends on the path to licensure. This year's data includes a preview of findings from our joint survey with NOMA.

[READ MORE](#)

### LEADERSHIP KICKS OFF FY21

NCARB's FY21 officers participated in several onboarding events to prepare for the year ahead, and President Calvani and First Vice President Vidauri engaged with staff during a virtual Town Hall.

[READ MORE](#)



Data from *NCARB by the Numbers* shows that people of color experience higher attrition along the path to licensure.

## MESSAGE FROM THE CEO

Dear Colleagues:

In July, we released data from our annual *NCARB by the Numbers* publication along with initial findings from our joint “attrition assessment” effort in collaboration with the National Organization of Minority Architects (NOMA). These two studies paint a complex picture of growing diversity in the ranks of students and licensure candidates even as those in underrepresented groups express serious concerns about firm culture. Those concerns appear to be a significant factor in a higher attrition from the licensure path by those who are non-white.

The data also tells us that NCARB programmatic changes in both the experience and examination arenas have contributed to a reduction in the average time to licensure. One third less hours for the traditional experience combined with a portfolio option to assist those who have stepped away from the licensure path and want to re-enter, and an exam retake wait time reduction from six months to 60 days are all resulting in a full pipeline whose participants are moving at a faster pace.

The concern about pace and the concern about impediments to diversity are certainly intertwined. The issues around firm culture, plus general societal constraints, provide additional support for the integration of education and experience—not the elimination of one or the other. There are now 21 programs participating in NCARB’s Integrated Path to Architectural Licensure (IPAL), providing an opportunity to be ready for licensure shortly after graduation.


Even without IPAL, our latest data assessments show roughly half of all students are now enrolled in the Architectural Experience Program® (AXP®), signaling a majority shift toward working while in school. As these trends continue, some jurisdictions are now making the Architect Registration Examination® (ARE®) available to all students regardless of IPAL status.

Another alternative is to revisit the duration of education itself. Over the past few months, NCARB Board members and others have posed the question, “If the post-graduation path is being streamlined and modernized, what about education?” Academics on the NCARB Board itself have pointed out that with very little adjustment, credit hour requirements could actually be contained in a four-year degree. Eliminating a year from the education path could have significant impacts on student debt and access to jobs, and demonstrate a further commitment to accessible education for all.

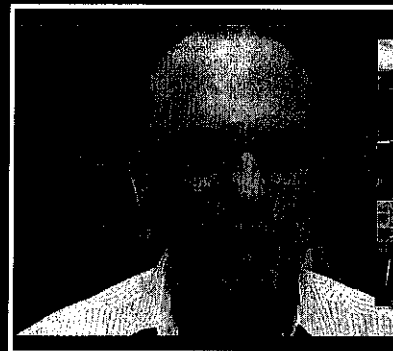
The twin topics of race/equity and the pandemic are challenging the conventions in our societal infrastructure, including higher education and regulation itself. That’s why we have launched our latest Analysis of Practice with an eye on critically reviewing existing tools and criteria through the lens of competency to protect the public’s health, safety, and well-being. We will be in the field as a changed post-pandemic landscape is revealed, containing stark urgencies around climate and race, and necessitating a framework for architect competency that emphasizes applied knowledge.

Times of great challenge can open our eyes to exciting and beneficial new approaches. A season of debates and proposals may be upon us. We can best embrace the opportunity to grow and discover if we start by being self-aware. We remain hopeful that our ongoing gathering and assessment of data will be a major contribution to the self-awareness of the collective architectural community.

With sincere best wishes,



Michael Armstrong  
Chief Executive Officer



CEO Armstrong helps facilitate the Q&A during the President/First Vice President Town Hall with NCARB staff.

### CEO OUTREACH

**ALLIANCE FOR RESPONSIBLE PROFESSIONAL LICENSURE (ARPL) CEOS BRIEFING** | July 6

**FIVE COLLATERALS LEADERSHIP MEETING** | July 20

**FIVE COLLATERALS EXECUTIVES MEETING** | July 21

**NATIONAL ORGANIZATION OF MINORITY ARCHITECTS (NOMA) LEADERSHIP CALL** | July 27

**AMERICAN INSTITUTE OF ARCHITECTURE STUDENTS (AIAS) GRASSROOTS MEETINGS** | July 28-31

**CALIFORNIA BOARD EXECUTIVE COMMITTEE** | July 29

## SENIOR OFFICER AND EXTERNAL ENGAGEMENT

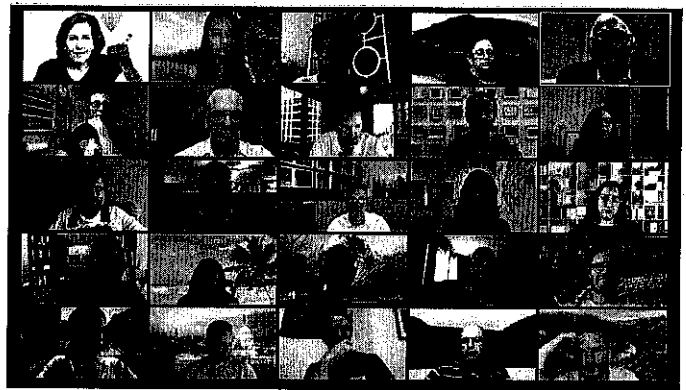
President/Chair of the Board Robert M. Calvani, FAIA, NCARB, and First Vice President/President-elect Alfred Vidaurri Jr., FAIA, NCARB, AICP, engaged in a virtual Town Hall with NCARB staff.

Virtual orientations have taken place this month with FY21 officers: Secretary Kenneth R. Van Tine, AIA, NCARB, LEED AP; Treasurer Jon Alan Baker, FAIA, NCARB LEED AP; Second Vice President Bayliss Ward, NCARB, AIA; and First Vice President Vidaurri.

Officers Calvani and Vidaurri joined CEO Armstrong in outreach to the Executive Committee of the California Architects Board.

President Calvani participated in a series of departmental "on-boarding" engagements with NCARB staff.

First Vice President Vidaurri engaged with Texas members of Latinos in Architecture.



President Calvani and President-elect Vidaurri engage with staff during a virtual Town Hall session.

## OUTREACH EVENTS

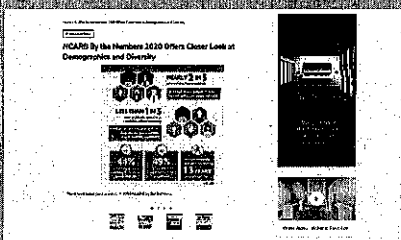
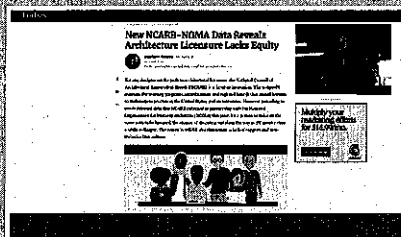
All outreach was delivered virtually.

### PROFESSIONAL ORGANIZATIONS

- AIA Arizona | July 15
- AIAS Grassroots | July 28 - August 1

# NCARB IN ACTION

## KEEP UP WITH WHAT'S NEW



### NCARB IN THE NEWS

- [Forbes: New NCARB-NOMA Data Reveals Architecture Licensure Lacks Equity](#)
- [Architectural Record: NCARB By the Numbers 2020 Offers Closer Look at Demographics and Diversity](#)
- [Architect Magazine: NCARB Names New President and Vice President](#)
- [Architectural Digest: Why Justice in Design Is Critical to Repairing America](#)
- [Medium: Architecture, For Old Time's Sake](#)
- [Architect Magazine: A Look at the 2020 NCARB By The Numbers](#)

### NCARB PRESS

- [Wentworth Institute of Technology Joins IPAL Initiative](#)

### TOP BLOG POSTS

- [Why NCARB Updates the ARE](#)
- [Nichole Wayman: Completing the AXP Through the Portfolio Option](#)
- [Get to Know 2020-2021 President Robert M. Calvani](#)
- [Get Involved and Support These Architecture Nonprofits](#)
- [Mentoring the Next Generation of Architects: The Importance of Supporting Your Employees Through the Licensure Process](#)

# NCARB SOCIAL

## THIS MONTH'S FEED



**@AIAFlorida**

@NCARB partnered @NomaNational to conduct a joint survey exploring candidates' experiences while pursuing licensure: <https://buff.ly/3fSRLBA>.



**@chimobilemakers**

We're featured in @NCARB's blog post about #architecture #nonprofits! <https://t.co/uZcjtPs5XJ?amp=1>



**@Architectmag**

Using data collected throughout 2019, @NCARB measured changes in diversity, education, and licensure within the architecture profession. Here's a look at this year's report: <http://bit.ly/2CaNzPc>



**@Architectmag**

Using data collected throughout 2019, @NCARB measured changes in diversity, education, and licensure within the architecture profession. Here's a look at this year's report: <http://bit.ly/2CaNzPc>



**@BSAAIA**

This is fantastic news—#congratulations to our friends at the @wentworthinst! We are proud to support the #IPAL program and excited that there are now even more opportunities for budding #architects in #Boston. @NCARB



**@mbharch**

"Don't fear not knowing the right answer. Your mentor should prepare the right questions and then ask how you came up with your conclusion, explaining the 'why' behind the 'what.'" Associate and Job Captain Lilly Sippel penned an impassioned article for NCARB on the importance of mentorship for aspiring architects. The link to the article is in our bio.

JOIN THE CONVERSATION ON  
SOCIAL MEDIA!



## ORGANIZATIONAL DEVELOPMENT AND OFFICE LIFE

- The Organizational Health team continued its needs assessment to determine “surge” opportunities for staff outside a department to provide additional support and have cross-training opportunities.
- The Inclusion/Diversity/Equity/Agility (IDEA) team launched a series of in-house webinars designed to raise employee awareness regarding privilege and race.
- The Organizational Health team hosted an all-staff Town Hall with the CEO.
- The twice-yearly “mini-retreat” for the executive office, vice presidents, and assistant vice presidents was converted to virtual format and welcomed managers to the roster. The retreat focused on the organizational health mission and leadership authenticity through sharing of values.



*NCARB's IDEA team led two staff discussions regarding privilege in the workplace.*

## DEPARTMENT UPDATES

Learn all about the projects, collaborations, initiatives, and events that the seven NCARB departments have accomplished or focused on this month.

### ADMINISTRATION

- Closed out financial fiscal year; preparing for annual financial audit.
- Hired new Assistant Vice President of Human Resources, Margot Simmons.
- Helped with the conversion plan to have only virtual committee meetings for the first half of FY21.



## COUNCIL RELATIONS

- Launched enhanced Member Board Community platform allowing Member Board Members, Member Board Executives, committee volunteers, and other members of the NCARB community to better connect and get the latest news and resources. [Access the new Member Board Community.](#)
- Kicked off a webinar series for Member Board Members and Executives.
  - o The first session on July 15 was NCARB Backstage Pass: Examination Development and Delivery. A recording of the webinar can be found on the [Member Board Community](#).
  - o The second session on July 28 was hosted in collaboration with the Interorganizational Council on Regulation (ICOR) called All About Remote Proctoring. [Watch the recording.](#) Note: ICOR's members are the Council on Interior Design Qualification (CIDQ), the Council of Landscape Architectural Registration Boards (CLARB), the National Council of Examiners for Engineering and Surveying (NCEES), and NCARB.

## CUSTOMER RELATIONS

- Finalized the training plan and staff guidelines in preparation for the document imaging system (M Files) launch. The first phase of training was implemented by Customer Relations staff with vendor assistance. This new document imaging system will allow for better document searches, increased document clarity, and better descriptive labeling of documents used for transmittals that support board licensing requirements.
- Participated in collaboration with the Examination and Information Systems teams in review of proposals submitted for the new exam vendor. Customer Relations interviewed vendors and assessed the ability to support the growth of exam-related service and experience for NCARB stakeholders.
- Met with a Member Board Executive to demonstrate the tool that supports online license verification. Should your board need assistance using any of the services provided by NCARB that support licensure (transmittal feedback, disciplinary database, or online license verification), please contact your dedicated point of Customer Relations contact at [memberresources@ncarb.org](mailto:memberresources@ncarb.org).



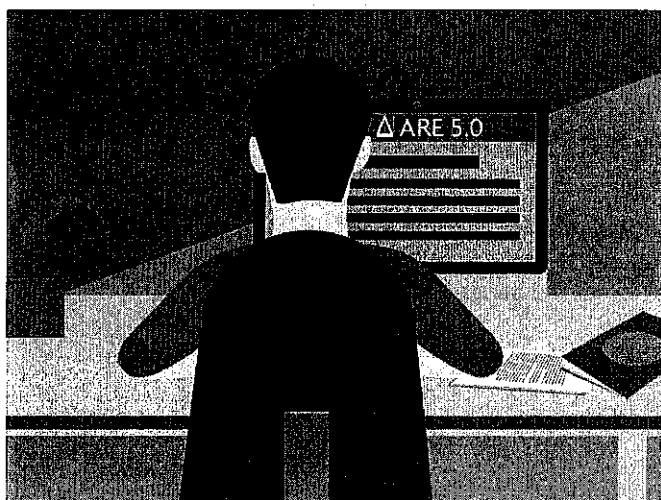
Watch the first two installments of NCARB's new webinar series for Member Board Members and Executives on the new [Member Board Community](#).

## EXAMINATION

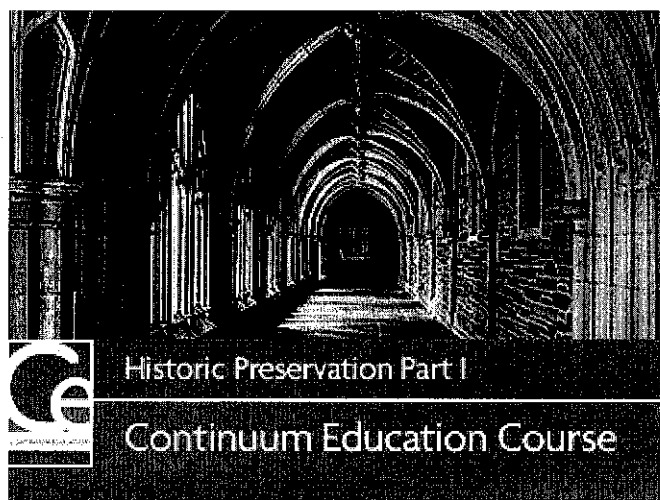
- Completed interviews for a future test administration vendor that will be able to provide both on-site and online delivery of the ARE.
- Examination Committee evaluated modifications to enhance exam security, which will help maintain the validity and reliability of the exam.
- Released updates to the *ARE Guidelines* and the *ARE 5.0 Handbook* to provide additional clarifying language related to existing examination objectives. There were no changes to exam content or delivery.
- Business Continuity Examination workgroups continued their item writing efforts with two of the six workgroups meeting to finalize items.

## EXPERIENCE + EDUCATION

- NCARB's International Evaluations Committee met with the United Kingdom's (UK) Architect Registration Board to discuss licensure requirements and compare the U.S. tasks/knowledge/skills and the UK's criteria and attributes in each country's programs required for licensure.
- Began updates to NCARB's Continuum Education system to expand the interactivity and media options for future courses, and to improve catalog search capabilities.
- Released Education Continuum Course: Historic Preservation Part 1: What Is Historic Preservation? This is the first in a four-part series.
- Re-Think Tank provided feedback on how NCARB can be transparent about the path to licensure to support candidates.
- The editorial board for the NCARB and Association of Collegiate Schools of Architecture (ACSA) joint professional practice video initiative is preparing prototype lessons for use in the fall semester.



Read more about the updates to the ARE 5.0 Handbook on [NCARB's blog](#).



Historic Preservation Part I

Continuum Education Course

Read the first installment of NCARB's Continuum Education series on Historic Preservation, free for NCARB Certificate holders!

## INFORMATION SYSTEMS

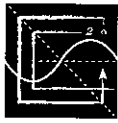
- Successfully launched new online communities for FY21 committees, the Board of Directors, and Member Board Members.
- Relocated the AXP Portfolio to a cloud platform for increased resiliency and future opportunities.
- Migration to a new document management system is nearly complete with millions of documents migrated to the new software platform in recent months. User testing continues through the summer with full conversion expected in September. Next steps include refining an automatic transmittal workflow to be piloted with several boards in the fall.
- Several security enhancements are underway for NCARB staff systems:
  - o Implemented a new mobile internet security system (Zscaler) to increase security for remote work.
  - o Added multi-factor authorization (MFA) for online email access to prevent hacking of NCARB email accounts.
  - o Testing a next-generation antivirus solution, CrowdStrike Falcon, to complement the Zscaler system to accommodate a more remote and distributed workforce.

## MARKETING & COMMUNICATIONS

- Released the 2020 edition of *NCARB by the Numbers*. Coverage of the new data points was picked up by several architectural trade publications, including *Architectural Record*, *Architect Magazine*, *ArchDaily*, *Forbes* and more.
- Broadcasted and moderated an NCARB Live on the education alternatives featuring NCARB's Brittney Cosby and two architects who completed one of the two education alternatives path for NCARB certification. Over 120 people watched the live broadcast and an additional 400 have viewed the recorded session through the end of July.
- Continued to review data from the joint survey NCARB conducted with NOMA on focused equity, diversity, and inclusion (EDI) in architectural licensure. A teaser was available in the 2020 *NCARB by the Numbers*, and additional information will be available over the next several months focused on the topics of experience, education, examination, firm culture, and career development.
- Began a review of examination materials to determine updates and additional communications that will be needed as NCARB prepares to launch a remote proctoring option for the ARE in late-2020/early-2021.
- Worked with the Council Relations team to launch and promote the new webinar series for Member Board Members and Executives. View the [Member Board Community](#) for upcoming topics in August.



Watch a recording of NCARB's live webinar for customers on the topic of the Education Alternative to NCARB Certification.



# NCEES

advancing licensure for  
engineers and surveyors

200 Verdae Boulevard Greenville, SC 29607 T: 800-250-3196 F: 864-654-6033 [NCEES.ORG](http://NCEES.ORG)

## NEWS RELEASE

July 15, 2020

Contact: Nina Norris

Director of Public Affairs

[nnorris@ncees.org](mailto:nnorris@ncees.org)

## NCEES recognizes long-standing service

NCEES recently honored seven individuals for their dedicated service to the organization and the engineering and surveying professions. The 2020 NCEES service award winners are

- Thomas Orisich, P.L.S., member of the Maryland State Board for Professional Land Surveyors, who received the Distinguished Service Award
- Milena Trust, Esq., assistant attorney general for the Maryland State Board for Professional Engineers and the Maryland Department of Labor, who received the Meritorious Service Award
- Thomas Caldwell, P.E., of North Carolina, who received the Distinguished Examination Service Award
- Kenneth DeVries, Ph.D., P.E., of Utah, who received the Distinguished Examination Service Award
- Burton Lewis, S.E., of Illinois, who received the Distinguished Examination Service Award
- Merlin Williams, P.E., of Minnesota, who received the Distinguished Examination Service Award
- Molly Williams, Ph.D., P.E., of Michigan, who received the Distinguished Examination Service Award

The winners were recognized during the organization's annual meeting business webinar held on July 1, 2020, and will be honored in person at the organization's 2021 annual meeting in New Orleans.

## ABOUT NCEES

*The National Council of Examiners for Engineering and Surveying is a nonprofit organization made up of engineering and surveying licensing boards from all U.S. states, the District of Columbia, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. Since its founding in 1920, NCEES has been committed to advancing licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the U.S. public.*

*NCEES helps its member licensing boards carry out their duties to regulate the professions of engineering and surveying. It develops best-practice models for state licensure laws and regulations and promotes uniformity among the states. It develops and administers the exams used for engineering and surveying licensure throughout the country. It also provides services to help licensed engineers and surveyors practice their professions in other U.S. states and territories. For more information, please visit [ncees.org](http://ncees.org).*

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## Online Proctoring Information

Over the past several years, the NCARB Board of Directors, the Examination Committee, and Examination Department staff have been evaluating the capability of using online proctoring technology to support the delivery of the Architect Registration Examination® (ARE®). In 2016, advancements in technology back then allowed NCARB to transition the ARE to a web-based examination that was able to be delivered in test centers around the globe. Further advancements in technology and improvements by online proctoring providers in recent years now make online proctored delivery of the ARE a reliable and secure delivery option.

It is important to remember that the changes being made to enable the ARE to be delivered via online proctoring will NOT change the content being assessed on the exam. Also, the current six-division structure of the ARE, which aligns with the six experience areas of the Architectural Experience Program® (AXP®), will NOT change. Licensure candidates testing via online proctoring will need to study and be competent on the same content that is tested on the ARE today. **What this means for your Member Board is that you do NOT have to change your procedures related to the ARE or licensure.**

What is going to change to enable online proctored delivery relates to the way in which the ARE is delivered. NCARB has conducted research that provides us confidence in the ability to make some adjustments to the number of questions asked and the delivery length of each division while ensuring exam reliability and validity. NCARB is also making some changes in the way candidates will proceed through each administration to increase the security of the exam. Candidates will have a new testing experience, as they will need to complete smaller sections one at a time while taking a division. As the candidate completes a section, those items will become locked.

NCARB will continue to share information regarding remote proctoring with our members as soon as it becomes available. Check the [Member Board Community](#) for a [Remote Proctoring Fact Sheet](#) and talking points, engagement opportunities (such as webinars), and more. You can also keep an eye on the [NCARB blog](#)—including our recent [remote proctoring article](#)—and sign up for our [ARE Update](#) emails.

In addition, NCARB will be holding two webinars about remote proctoring as part of our summer webinar series for members.

*Celebrating 101  
years of protecting  
the health, safety, and  
welfare of the public.*

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- July 28: On July 28, NCARB with our ICOR partners hosted the Remote Proctoring 101 webinar. To view the recording please visit the [Member Board Community](#).
- August 26: Webinar focused on an in-depth exploration of remote proctoring and the ARE [\[Register\]](#)

For questions about remote proctoring, please reach out to Vice President of Examination Jared Zurn at [jzurn@ncarb.org](mailto:jzurn@ncarb.org), or Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org).

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## Prometric Test Center Updates

Following the recommended guidance of public health experts, Prometric has invoked its COVID-19 Safety Plan, which requires them to notify any individuals who may have been exposed to the virus while at a Prometric test center based on the timing of when a known infected individual was present. Prometric will notify candidates directly if they are impacted.

Upon confirmation of a COVID-19 infected individual at a test center, Prometric will close that location for no less than 48 hours to complete a deep cleaning of the test center. Candidates with appointments scheduled during the test center closure will be contacted by Prometric to reschedule their disrupted appointment.

Additionally, as Prometric test centers return to normal operations in compliance with local guidelines, please be aware that test centers' social distancing requirements may vary depending on location. Some test centers are now "fully open," which may mean a return to normal occupancy, where social distancing of six feet may not be maintained or required. To find out if local test centers are operating at "full capacity," please visit the [Prometric Site Openings](#) page, and look at the far right tab under "operational status." If a candidate is uncomfortable testing without guarantee of social distancing, they may defer their test or reschedule to a test center operating at limited capacity.

NCARB will continue to monitor the situation and will keep you updated on any changes. Please reach out to Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org) for questions.

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## ARE 5.0 Handbook Updates

Recently, NCARB posted an updated version of the [ARE 5.0 Handbook](#). Typically, we alert candidates about updates ahead of time with a list of what's been changed, so candidates know what to expect. Unfortunately, we failed to do so this time around. We apologize for not bringing this to your attention sooner, and for any additional stress this has caused.

Our goal with the most recent updates is to clarify existing ARE 5.0 objectives related to two topic areas: sustainability and resilience, and assigned cognitive levels.

The objectives have not changed. But we've updated their descriptions; in some cases, that meant expanding the descriptions. Although it might appear that some objectives have become broader, encompassing more content, our intent is to give you more information about the exam as it stands today, and more accurately and clearly reflect what candidates are being tested on. The content included on the exam itself has not changed.

We also added four new resources to the Reference Matrix, all of which focus on sustainability and resilience. We often hear candidates asking for additional resources on these topics, so we went straight to our [volunteer item writers](#) to find out the best resources they've been using as they write items. More information about Daylighting Handbook I, Framework for Design Excellence, Green Building Illustrated, and The Green Studio Handbook: Environmental Strategies for Sustainable Design can be found on page 178 of the handbook.

Again, there are no content changes on ARE 5.0. This newest release of the *ARE 5.0 Handbook* is tied to the July 1 start of our fiscal year and is not related to item or form assembly updates.

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## Go Behind the Scenes With NCARB's Webinar Series

Get the director's cut on our programs and services with our own summer "film festival"—a webinar series for Member Board Members and Executives!

We'll take you behind the scenes for a detailed look at topics designed with the licensing board in mind, starting with remote proctoring. From now through the end of August, NCARB staff will host a webinar every other week, with in-depth information and a Q&A during each webinar.

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## Now Playing

Watch a recording on the Member Board Community:

- [NCARB Backstage Pass: Examination Development and Delivery](#)
- [Remote Proctoring 101](#)

## Coming Soon

Mark your calendars now for the following webinars:

- August 12 from 2 – 3 p.m. ET: [NCARB and Data: Inside NCARB by the Numbers](#) ☞
- August 19 from 2 – 3 p.m. ET: [NCARB Backstage Pass: Services to Member Boards: Records, Transmittals](#) ☞
- August 26 from 2 – 3 p.m. ET: [NCARB into the Future: Remote Proctoring 201](#) ☞

Stay tuned for more details on topics and dates throughout fall 2020 and beyond. To access each scheduled webinar, you will need to register in advance. Please register for each webinar separately by clicking on the topic above. Information has also been posted on the [Member Board Community](#) ☞. For questions, please reach out to Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org) ✉.

## Jurisdiction Report

Each year, NCARB releases an Annual Report to showcase how our Member Boards have worked together and with our organization to advance our shared mission to protect the public through the regulation of architecture during the previous fiscal year (which runs from July 1 to June 30). To help us complete this, we will be sending each Member Board Executive (MBE) data for their jurisdiction for them to review and confirm via email. We ask that MBEs send their responses back no later than Monday, August 10. For questions, please email Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org) ✉.

## Welcome New Member Board Members

We would like to welcome the following new Member Board Members:

- Edwin Hornfeck joined the Colorado Board as an engineer member.
- Keo Frazier joined the Colorado Board as a public member.



## **ICC Government Relations Monthly Update – August 2020**

Follow [@ICC\\_GR](#) on [Twitter](#) for breaking news & announcements throughout the month

Click [here](#) for the ICC Government Relations Staff Regional Map

### **Second survey set to measure how ICC members and offices are responding to COVID-19 challenges**

Gabe Maser, ICC Vice President, Government Relations and National Strategy, and Lisa Berger, Government Relations Associate, are preparing a second survey for Code Council members to get a new reading on how members and their offices are coping professionally during the COVID-19 pandemic. The first study, launched last spring, was helpful in directing governors and agencies to allocate CARES Act Coronavirus Relief Fund money to local jurisdictions to upgrade remote electronic office systems. A report on the survey, "[Building Safety and COVID-19: Analysis of Code Compliance in the United States During the Pandemic](#)," was issued July 1. The report is available in the [Coronavirus Response Center](#). The survey will be emailed to Code Council members later this month.

### **Code Council posts the official Notice of Appeal Hearings for hearings starting August 26 online**

The Code Council recently posted an official Notice of Appeal Hearings involving the Group B 2019 Code Cycle. Hearings will be conducted virtually, starting at 9 a.m. Central on August 26. Those wishing to submit written comments and a request to participate must contact [Mike Pfeiffer, P.E., Code Council Senior Vice President of Technical Services](#), by the [deadlines posted within the notice](#). The WebEx details will be sent to those who confirm participation via a registration process. The hearings will also be broadcast via YouTube for those who would like to view but not participate. [Read more here](#).

### **ICC's Committee on the Long Term Code Development Process work groups started meeting in July**

On July 9, 2020, Chairman and Code Council Board Secretary/Treasurer Michael Wich called the meeting to order of the Committee on the [Long Term Code Development Process](#) (LTCDP), commonly referred to as the "Blue Ribbon Committee." Wich noted the importance of the work of this committee in identifying and investigating issues which may require changes to the ICC Code Development Process in order to improve the process. Meetings were set for [July 29](#) for Process and Procedures Work Group, chaired by John Terry, and for [July 31](#) for the Structural Work Group, chaired by Bill Dupler. The committee is expected to play a pivotal role in making recommendations to the ICC Board of Directors.

### **International Code Council is now accepting preorders for the 2021 edition of its International Codes**

The International Code Council is now accepting preorders for the 2021 edition of its International Codes (I-Codes), the most widely used and highly regarded set of building safety codes in the world. Each edition of the I-Codes goes through the Code Council's highly-respected consensus code development process that draws upon the expertise of hundreds of building and safety experts making it possible for the use of new materials, methods and design. [Read more here](#).

### **New publication outlines methods of venting plumbing fixtures and traps in the 2021 IPC**

The International Code Council is distributing a helpful tool — [Methods of Venting Plumbing Fixtures and Traps in the 2021 International Plumbing Code: Installation, Flexibility and Opportunity for Savings](#) — to help expand your knowledge of the International Plumbing Code (IPC). The various approaches to venting that are permitted in the 2021 IPC are described in this handy reference tool authored by Lee Clifton. [Read more here](#).

### **Webinar on using CARES Act funding is available on the ICC Coronavirus Response Center webpage**

About 170 Code Council members tuned into the recent webinar on federal aid to local governments through the CARES Act Coronavirus Relief Fund (CRF), hosted by Gabe Maser, ICC Vice President, Government Relations and National Strategy. The webinar featured valuable information on the CRF money going to states for distribution to local jurisdictions to protect public employees from COVID-19

exposure. It outlined emerging digital solutions to upgrade safer procedures in code offices and in the field. It featured the Code Council's family of solutions to improve telework capabilities and enable the remote function of government. The webinar can be seen on the Free Webinars page of the ICC website's Coronavirus Response Center.

#### **Pandemic raises the urgency for code offices to upgrade to virtual and digital systems**

The pandemic which has gripped the United States is forcing city managers and code officials to upgrade to digital solutions sooner than previously planned. The objective is to protect public employees from exposure to the pandemic and to make work more productive and documentable. The City of San Diego has an interesting story about how it made its conversion to ICC's premiumACCESS. Here's the city's story from the recent ICC Building Safety Journal.

#### **Virginia adopts nation's first coronavirus workplace safety rules to protect from COVID-19**

The state of Virginia adopted the first set of coronavirus-related workplace safety mandates in the country, after the state's safety and health codes board approved the emergency regulation on July 15 — a move the state took after months of inaction from a federal agency tasked with nationwide enforcement. The emergency temporary standard will require businesses to implement safety measures to protect people from being infected with the coronavirus at work. Companies could face financial penalties of up to \$130,000 if they are found to have violated the policies.

#### **AWC and ICC issue overview of requirements for mass timber construction in 2015, 2018 and 2021 IBC**

The American Wood Council (AWC) and International Code Council released a joint publication, Mass Timber Buildings and the IBC, providing an overview of requirements for mass timber construction as found in the 2015, 2018 and 2021 International Building Code (IBC). The document highlights changes beginning with the 2015 IBC that allow for construction of mass timber buildings with larger heights and areas than was permitted for buildings of wood construction types (Types III, IV and V) prior to the 2015 IBC. The document reviews the 2015 IBC recognition of cross-laminated timber, the reorganization of heavy timber provisions in the 2018 IBC, followed by the significant changes in the 2021 IBC and International Fire Code for tall mass timber construction. Read the full article here.

#### **Deadline is September 1 to nominate for ICC's National Leadership in Sustainability Award**

The International Code Council's National Leadership in Sustainability Award recognizes outstanding contributions to the growth and enhancement of codes or public policy advancing the principles of the Sustainability Membership Council (SMC) in the field of energy efficiency and/or sustainability in the built environment. It will be conferred on an individual or organization that demonstrates an exceptional record of contribution, either in one-time or cumulative efforts, made during their career or in the course of past operations. Self-nominations will be accepted. The **deadline to receive nominations is September 1**. It will be presented virtually this Fall. For the application, please click here.

#### **Code Council is a top sponsor of Building Innovation 2020 set for August 18-19 online**

For the fifth year in a row, the International Code Council will hold a lead sponsorship role in the National Institute of Building Sciences' (NIBS) eighth annual conference and expo — Building Innovation 2020 — which will be held virtually from Aug. 18-19, 2020, on NIBS' Virtual Platform. It will feature a wide range of opportunities for Code Council members to gain valuable insights from attending this collaborative online conference. The Building Innovation 2020 conference program will present 16 sessions and 29 speakers over two information-packed days focusing on technology, workforce, resilience and COVID-19. Read more here.

#### **ICC GR's Dottie Mazzarella carries the message of workplace safety during COVID-19 on radio show**

Dottie Mazzarella, ICC Vice President, Government Relations, chatted with "Westchester on the Level" radio host Hezi Aris on safety precautions and considerations for businesses preparing to re-open ahead

of New York's phase four for re-occupancy. Listen to the full [July 9 broadcast](#) (Mazzarella's segment begins at 30:40). [Read more here.](#)

**Web portal tracks hazard-resistant state and local building code adoptions across the nation**

FEMA just announced a new tool that tracks the adoption of hazard resistant building codes at the state and local levels across the US (hazard resistant defined as latest two editions of the IRC/IBC with hazard mitigation provision unamended). The National Building Code Adoption Tracking Portal, offered by global design firm Stantec Inc., [tracks the adoption of hazard-resistant building codes at the state and local levels](#) across the United States.

**Survey focuses on job tasks, priorities and skills related to using the IgCC and ASHRAE 189.1**

The Code Council and ASHRAE are developing a new examination focusing on the International Green Construction Code (IgCC) and ASHRAE 189.1. The examination is developed using a Job Analysis approach, which focuses on analyzing a profession to determine the observable job behaviors ("tasks") performed. The data collected from a [survey](#) will be used to create a list of discrete job tasks, their relative importance to the profession, and linkage to knowledge, skills, and abilities (KSAs). The job task statements included in this survey were developed by the IgCC Examination Development Committee (EDC). We invite you to complete this survey where you will be asked to rank each task by how frequently you perform various tasks and how important the task is in the performance of your current job. The [survey](#) should take approximately 20 minutes.

**Record number of active reports puts the ICC-ES PMG Listing Program in leading position**

The ICC Evaluation Service (ICC-ES) Plumbing, Mechanical and Fuel Gas (PMG) Listing Program has hit a milestone in the number of active reports — the highest in its history. The success is due to many factors, not least of which is interest in the program expressed by manufacturers who are looking for better acceptance and better service at a significantly lower cost. "The growth of the program has been very exciting and rewarding," said Dawn La Fleur-Qualley, ICC-ES PMG program director. "We believe this tremendous growth is the result of the manufacturers choosing ICC-ES over others for their conformity assessment needs. They like us for not just the high-quality listing reports at affordable prices, but also for the acceptability of our mark of conformity in North America." [Read more here.](#)

**NAHB and Realtors launch effort to explain the growing high-performance home marketplace**

The National Association of Home Builders and the National Association of Realtors launched a new joint initiative, [Home Performance Counts](#), designed to help consumers better understand the rapidly growing high-performance home marketplace — homes that prioritize comfort, durability, wellness and affordability. Demand has expanded over recent years, with the number of these homes certified to the National Green Building Standard increasing by more than 57% since 2017. [Read more here.](#)

**New online community forum offers opportunity to discuss, share and learn with other professionals**

The Code Council's [new online community forums site](#) is an online discussion area where members can further develop their professional experience — by gathering with industry colleagues to interact and discuss relevant topics related to building safety, codes, design and education in a peer-to-peer environment. Digital training and assessment opportunities are also available. Members can participate in discussions with ICC Government Relations and technical staff who lead several topic discussions.

**ICC Evaluation Service applauds the recently implemented United States-Mexico-Canada Agreement**

The United States-Mexico-Canada Agreement (USMCA) has officially entered into force, creating more balanced, reciprocal trade, which is good news to ICC Evaluation Service. [ICC-ES certifies products in all three USMCA markets](#) and is available to help streamline the process and provide a one-stop-shop for testing, listing and evaluation service in North America and beyond. The standards, conformity

assessment and Good Regulatory Practices chapters of USMCA include stronger language that will aid in future bilateral and multilateral trade agreements. [Read more here.](#)

**AIA develops report and 3D models to help plan for safer senior living communities from COVID-19**

The American Institute of Architects (AIA) [released strategies and illustrations to help senior living communities mitigate the risk of COVID-19.](#) Developing mitigation strategies is particularly critical for senior living communities, where risk is amplified. The report and 3D models were developed by a team of architects, public health experts, engineers and community managers as part of AIA's initiative, "Reopening America: Strategies for safer buildings." The team used emerging research and public health data to develop the strategies, which can be implemented immediately. [Read more here.](#)

**BuildStrong Coalition shares resilience outlook during the U.S. Chamber and FEMA virtual events**

The BuildStrong Coalition recently led panel discussions on the future of resilience at the U.S. Chamber of Commerce Foundation "Building Resilience Through Public-Private Partnerships Conference" and the Federal Emergency Management Agency's summer engagement series. "Even in the midst of COVID-19, we are constantly reminded as disasters continue to destroy homes and lives that we must stay vigilant in working to better protect American communities," said Jimi Grande, Senior Vice President for Government Affairs at the National Association of Mutual Insurance Companies and Chairman of the BuildStrong Coalition. "This week's events showed how important it is to bring together the right stakeholders to discuss ways we can improve the nation's resilience to natural catastrophes, including ensuring the successful implementation of the BRIC Program." [Read more here.](#)

**New NCSL report focuses on the importance of updated codes and setting resilience benchmarks**

Under its Partnership on Disaster Mitigation and Recovery — of which the Code Council is a member — the National Conference of State Legislatures [released a first-of-its-kind publication on the role of state legislators in natural disasters.](#) "In Case of Emergency: The Legislator's Role in Natural Disasters" includes information on many issues, including the importance of updated national consensus-based codes and standards; the education and funding of building departments; and resilience benchmarks by the Alliance for National & Community Resilience.

**New Zealand expands its commitment to fight climate change with new standards for energy, water**

New Zealand's government has increased its climate commitment with a plan to transform the building sector, which includes aggressive new efficiency standards for energy and water use and mandatory reporting requirements on construction materials and waste. Details were announced in its [Building for Climate Change Programme](#), setting out plans to slash carbon emissions in the construction sector and improve building resilience to climate change. The move is a massive leap forward in New Zealand's goal to reach net zero emissions by 2050. [Read more here.](#)

**You'll find it under Appendix U in the 2021 IRC: Cob construction is included for the first time**

Cob construction has been approved for inclusion for the first time in an International Code as Appendix U in the 2021 International Residential Code (IRC). Also known as "monolithic adobe," cob is an ancient method of earthen construction using clay-soil, straw, water and sand in integrated layers to create monolithic walls that can support a roof with no need for structural posts. When properly designed, constructed and maintained, cob homes have proven to last centuries. Environmentally friendly, low cost, easy to learn and artistically inspirational, [cob has undergone a revival since the mid-1990s.](#)

**GOT PULSE? Episode 29 focuses on Society of Fire Protection Engineers and performance-based design**

In this episode Code Council Senior Staff Engineer [Beth Tubbs](#) leads a discussion about the Society of Fire Protection Engineers (SFPE) and performance-based design. Tubbs is joined by ARUP Principal and Past President of SFPE [Ray Grill](#) and Building Official of Summit, N.J., [Gary Lewis](#). [Click here](#) to listen.

**Upcoming from the ICC Learning Center: Institutes, training, webinars, etc.**

Online learning is available from the ICC Learning Center. Find course listings you'd like to attend in the [Learning Center](#) using the Search function. Single-day training events are an opportunity to focus on topics to ensure your code knowledge stays up to date, with some seminars offering a Virtual Classroom option so you can participate in the event from any location with an internet connection:

- August 11 – Leadership Webinar Series, [Challenging Discussions](#).
- August 12 – Permit Tech Webinar Series, [Overview of Code Enforcement](#).
- August 13 – Leadership Webinar Series, [Essential Skills for Rising Leaders](#).
- August 13 – Code Enforcement Webinar Series, [Safe and Proper Procedures on Contact](#).
- August 18 – Leadership Webinar Series, [Effective Communication](#).
- August 19 – Permit Tech Webinar Series, [Reading Construction Documents](#).
- August 20 – Code Enforcement Webinar Series, [Joint Enforcement Safety](#).
- August 25 - [Mass Timber Building and the IBC®](#).
- August 26 – Permit Tech Webinar Series, [Building Department Processes](#).
- August 27 – Code Enforcement Webinar Series, [Dealing with Hazmat and Hoarding Properties](#).
- September 1 – IMC Webinar Series, [Administration and General Requirements](#).
- September 1-2 - [Permit Tech Institute](#).
- September 2 – Permit Tech Webinar Series, [Legal Principles](#).
- September 3 – Code Enforcement Webinar Series, [Effective Communication](#).
- September 8 – IMC Webinar Series, [Ventilation and Duct Systems](#).
- September 9 – Permit Tech Webinar Series, [Finding the Answers in the I-Codes®](#).
- September 10 - [Formulating an Effective Code Enforcement Program](#).
- September 14 - 2018 Fire Inspector Webinar Series, [General Inspection Administration](#).
- September 15 – IMC Webinar Series, [Exhaust Systems](#).
- September 16 – Permit Tech Webinar Series, [Simple Plan Review](#).
- September 16 – Standalone Webinar, [Simple Plan Review](#).
- September 17 - Leadership Webinar Series, [Building Your Bench](#).
- September 21 - 2018 Fire Inspector Webinar Series, [General Provisions and Fire Safety, Part I](#).
- September 22 – IMC Webinar Series, [Combustion Air and Venting](#).
- September 28 - 2018 Fire Inspector Webinar Series, [General Provisions and Fire Safety, Part II](#).
- September 29 – IMC Webinar Series, [Boilers and Hydronic Piping](#).
- September 30 - [Millennials in Code Enforcement](#).
- October 5 - 2018 Fire Inspector Webinar Series, [Special Occupancies and Operations](#).
- October 6 – IMC Webinar Series, [Refrigeration, Fuel Oil Piping and Storage and Solar Systems](#).
- October 13 - 2018 Fire Inspector Webinar Series, [Regulated Materials and Processes](#).
- November 18 - [Essential Skills for Rising Leaders](#).
- Available daily online, [2015 Permit Technician 14 Study Guide](#).
- Available daily online, [IRC® Online Study Guide for Residential Building Inspectors B1](#).

Plus check out more upcoming virtual learning and webinar offerings here:

- [Virtual landing page](#)    [Webinar landing page](#)

**Patterson, Kathryn**

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**From:** Meadows, Veronica <VMEADOWS@CLARB.ORG>  
**Sent:** Wednesday, August 5, 2020 9:09 AM  
**To:** Patterson, Kathryn  
**Subject:** [EXT] CLARB Staff Updates & Your New Membership Contact

Click [here](#) if you are having trouble viewing this message.

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# CLARB

## Council of Landscape Architectural Registration Boards

### Introducing CLARB's New Staff Additions

This past fiscal year brought exciting changes and new talent to CLARB's staff team as the organization was able to grow its capacity in several areas. We are thrilled to introduce the new staff additions to you and share their focuses. As always, you may learn more about any staff members, their functions, and contact information by signing in here: [Contact Us](#).

#### Introducing.....

##### **Alison Swanger, Membership and Events Coordinator**

As the new [direct contact for all member-related needs](#), Alison brings her in-depth knowledge of the organization to this newly created position as she previously served CLARB in the Records Program Coordinator position. With this experience, Alison offers unique perspective to this role and we hope you will join us in welcoming her to the membership team. You will soon see emails coming directly from Alison, so please mark her email address as a "safe sender" and save her contact information to reach out: email [aswanger@clarb.org](mailto:aswanger@clarb.org); phone [703-949-9467](tel:703-949-9467).

##### **Mariela Cadima, Project Management Coordinator**

With CLARB's project management capacity increasing to expand upon what we can offer our members and customers, Mariela joined the team in February as a Project Management Coordinator. In this role, Mariela focuses on long-term strategic initiatives and annual operational processes- a mix of everything!

##### **Zachary Druga, State Government Affairs and Advocacy Manager**

While previously introduced in member webcasts, Zach joined the CLARB team in this role in February and is focused on tracking legislative activity and seeking out new ways to support members in their

efforts to defend licensure. Keep an eye out for updates from him on trends, legislation, and ARPL's work.

**Lauren Rossnan, Records Services Coordinator**

Lauren joined CLARB's customer service team in February and jumped right into our world of Council Records, transmittals, and the L.A.R.E. While you may have already connected with her through candidate and licensee-support outreach, we're glad to formally introduce her to you.

**Shelly Atalla, Accounting Assistant**

As part of CLARB's accounting team, Shelly brings extensive accounting and finance experience from across business sectors to the organization. Since joining the team in September, Shelly's work focuses on Council Record accounting support and member dues invoices.

**A Year in Review.....**

Plan to attend CLARB's virtual Annual Meeting on September 10 where you'll hear directly from CEO Matt Miller about his first year with the organization. Registration information is coming soon!



Council of Landscape Architectural Registration Boards (CLARB)  
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## **Patterson, Kathryn**

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**From:** NCARB Council Relations <council-relations@ncarb.org>  
**Sent:** Monday, August 17, 2020 11:48 AM  
**Subject:** [EXT] Additional Rolling Clock Extension  
**Attachments:** ARE Update Email\_Rolling Clock\_Aug.pdf

Dear Member Board Members and Executives,

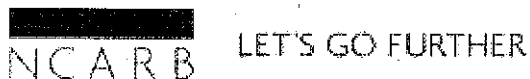
Please see the attached communication that will be released to candidates and the public on Tuesday.

After monitoring the ongoing disruption of testing due to COVID-19 and the backlog of candidate appointments yet to be made up due to the test center closures earlier this year, NCARB is going to administer what we expect to be a final rolling clock extension to all candidates. Later this month, an additional 6-month rolling clock extension will automatically be added to all valid exam scores. Combined with the previous extensions, we are ensuring that we will have the online proctoring option available with Prometric well in advance of any candidate being impacted by the Rolling Clock policy. Not only will the online proctoring option provide greater access to testing appointments, it provides a safer alternative for candidates to test that may have underlying health conditions.

Along with the Rolling Clock extension, we will also automatically adjust each candidate's Test Activity Status date to ensure that their eligibilities to test are not inadvertently closed before providing them access to more testing opportunity.

As always, please do not hesitate to contact the Council Relations team if you have any questions about these updates.

Regards,  
The Council Relations Team



### **National Council of Architectural Registration Boards**

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Washington, DC 20005  
Customer Service: 202-879-0520  
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## ARE update

NCARB

Dear Candidate,

NCARB is issuing an additional six-month rolling clock extension to Architect Registration Examination® (ARE®) candidates and has expedited efforts in order to launch an online proctored version of ARE 5.0 in late 2020.

### Additional Rolling Clock Extension

This month, NCARB will administer an additional six-month rolling clock extension to all passing exam scores that were valid as of March 1, 2020. Combined with the previous nine-month extensions, all valid exam scores will have received a total of a 15-month rolling clock extension. This ensures that no exam scores are impacted by the rolling clock until June 2021 at the earliest.

The extension will automatically be applied to your valid ARE division scores on or before August 25, 2020. You do not need to take any action or apply to receive this extension.

With many candidates uncomfortable testing at physical test centers during the ongoing pandemic and others struggling to find available appointment times, this extension provides the opportunity to wait for a remote proctored testing option without facing immediate rolling clock impacts.

### Test Activity Status Extension

NCARB will automatically administer a 15-month extension to all "Test Activity Status" dates for ARE candidates to align with the combined rolling clock extensions. Your Test Activity Status is tied to your exam eligibilities as granted to you by your licensing board.

This extension ensures that your exam eligibilities will not expire due to an inability to test during the COVID-19 disruption. The Test Activity Status extension will be automatically applied to your NCARB Record on or before August 25, 2020. You do not need to take any action or apply to receive this extension.

### Online Proctored Delivery of the ARE

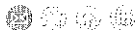
NCARB continues to pursue development and implementation of an online (or remote) proctored option for the ARE. The content of the ARE and the division structure will not change. While NCARB initially anticipated launching this option in early-2021, recent progress will allow for an earlier-than-anticipated launch of remote proctoring in late-2020. Be on the lookout for an announcement with additional details on online proctored delivery in the weeks ahead.

For additional support, please [contact us online](#) or at 202-879-0520. We appreciate your patience.

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**Patterson, Kathryn**

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**From:** NCARB <customerservice@ncarb.org>  
**Sent:** Tuesday, August 18, 2020 10:02 AM  
**To:** Patterson, Kathryn  
**Subject:** [EXT] New Rolling Clock Extension and Remote Proctoring Update

## ARE update

Dear Kathryn,

NCARB is issuing an additional six-month rolling clock extension to Architect Registration Examination® (ARE®) candidates and has expedited efforts in order to launch an online proctored version of ARE 5.0 in late 2020.

### **Additional Rolling Clock Extension**

This month, **NCARB will administer an additional six-month rolling clock extension** to all passing exam scores that were valid as of March 1, 2020. Combined with the previous nine-month extensions, all valid exam scores will have received a total of a 15-month rolling clock extension. This ensures that no exam scores are impacted by the rolling clock until June 2021 at the earliest.

**The extension will automatically be applied to your valid ARE division scores on or before August 25, 2020.** You do not need to take any action or apply to receive this extension.

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### **Online Proctored Delivery of the ARE**

NCARB continues to pursue development and implementation of an online (or remote) proctored option for the ARE. The content of the ARE and the division

structure will not change. While NCARB initially anticipated launching this option in early-2021, **recent progress will allow for an earlier-than-anticipated launch of remote proctoring in late-2020.** Be on the lookout for an announcement with additional details on online proctored delivery in the weeks ahead.

For additional support, please [contact us online](#) or at 202-879-0520. We appreciate your patience.

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This email was sent to [kathryn.patterson@state.sd.us](mailto:kathryn.patterson@state.sd.us).  
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## Remote Proctoring Update






NCARB is steadily working toward offering the Architectural Registration Examination® (ARE®) through an online format. Keep in mind, the changes being made to enable the ARE to be delivered via online proctoring will NOT change the content being assessed on the exam. Additionally, the current six-division structure of the ARE, which aligns with the six experience areas of the Architectural Experience Program® (AXP®) will not change. **Member Boards do not need to change their procedures related to the ARE.**


### What is Changing?



What is going to change to enable remote proctoring relates to the way in which the ARE is delivered. In the past few months, we've conducted research to provide us with confidence and the ability to make necessary adjustments to the number of questions and the length of each division, while ensuring exam reliability and validity. NCARB is also changing the way candidates will proceed through each division to increase the security of the exam, as they will need to complete smaller sections one at a time. Once the candidate completes a section, those items will become locked and they will no longer be able to access or change their responses.

### Available Resources


NCARB will continue to share information related to remote proctoring with our members as soon as it becomes available. Be sure to check the [Member Board Community](#)  for updates and upcoming events, as well as the following resources:

- [Remote Proctoring Fact Sheet](#) 
- [Remote Proctoring Talking Points](#) 
- [“Remote Proctoring 101” webinar](#) —which occurred on July 28, 2020, in collaboration with our ICOR partners
- [NCARB Blog](#) 
- [ARE Update emails](#) 

Additionally, NCARB will hold a “Remote Proctoring 201” webinar as part of our summer webinar series on August 26, 2020, from 2 – 3 p.m. ET. [Register](#)  for the webinar.

Stay tuned for more information related to remote proctoring in the coming weeks. For questions, please reach out to Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org)  or Vice President of Examination Jared N. Zurn, AIA, NCARB, CAE, at [jzurn@ncarb.org](mailto:jzurn@ncarb.org) .

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### Additional Rolling Clock and Test Activity Status Extensions

After monitoring the ongoing disruption of testing due to the COVID-19 pandemic, as well as the backlog of candidate appointments yet to be made up because of test center closures earlier this year, NCARB will administer what we expect to be a final rolling clock extension to all passing exam scores that were valid as of March 1, 2020. Combined with the previous nine-month extensions, all valid exam scores will have received a total of a 15-month rolling clock extension. This ensures that we will have the online proctoring option available with Prometric well in advance of any candidate being impacted by NCARB's rolling clock policy. Not only will the online proctoring option provide greater access to testing appointments, but also provide a safer alternative for candidates who may have underlying health conditions to test with more ease.

Along with the rolling clock extension, we will also automatically adjust each candidate's Test Activity Status date to ensure that their eligibilities to test are not inadvertently closed before providing them access to more testing opportunities. Both extensions will be automatically applied on or before August 25, 2020. Candidates do not need to take any action or apply to receive this extension and have been already notified about these updates.

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### Go Behind the Scenes with NCARB Webinar Series

Get the director's cut on our programs and services with our own summer "film festival"—a webinar series for Member Board Members and Executives!

We'll take you behind the scenes for a detailed look at topics designed with the licensing board in mind, starting with remote proctoring. From now through the end of August, NCARB staff will host a webinar every other week, with in-depth information and a Q&A session during each webinar.

#### Now Playing



*Watch a recording of these past webinars:*

- [NCARB Backstage Pass: Examination Development and Delivery](#) ↗
- [ICOR Town Hall: All About Remote Proctoring](#) ↗
- [NCARB and Data: Inside NCARB By the Numbers](#) ↗
- [NCARB Backstage Pass: Services to Member Boards: Records, Transmittals](#) ↗

#### Coming Soon


*Mark your calendars now for the following webinars:*



- August 26 (2 – 3 p.m. ET): [NCARB into the Future: Remote Proctoring 201](#) ↗

Stay tuned for more details on topics and dates throughout fall 2020 and beyond. To access each scheduled webinar, you will need to register in advance. Please register for each webinar separately by clicking on the topic above. Information has also been posted on the [Member Board Community](#) . For questions, please reach out to Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org) .

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## Research Page on Member Board Community


In July, we launched our new [Member Board Community](#) . This enhanced platform allows our Member Board Members (MBMs), Member Board Executives (MBEs), committee volunteers, and other members of the NCARB community to better connect and get the latest news and resources.

The Member Board Community features the most up-to-date information on events, webinars, programs, services, as well as the newly added [research](#)  section. The Council Relations team continues to conduct and provide research data to help support Member Boards. Should you have any questions or would like to request more information on the matter, please email Council Relations at [council-relations@ncarb.org](mailto:council-relations@ncarb.org) .

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## Upcoming Events


### October 21: Member Board Chairs and Member Board Executives Leadership Summit

This virtual Leadership Summit will cover a range of topics, including program updates, breakout discussions for Chairs & Executives, and a Town Hall with NCARB leadership. The agenda and additional details are forthcoming. Please do not hesitate to contact the Council Relations team at [council-relations@ncarb.org](mailto:council-relations@ncarb.org)  if you have any questions in the interim. The event will take place on October 21, from 10 a.m. to 4 p.m. ET.

### October 26-30: Licensing Advisors Retreat Week

Mark your calendar now for this free, week-long virtual event, where you'll have the opportunity to get training, share resources, and discuss recent shifts impacting the profession.

During the week of October 26-30, we'll be offering two educational sessions custom-tailored to architect licensing advisors occurring at 1 and 4 p.m. (ET) each day. You can expect to end the day with a happy hour at 7:30 p.m. (ET), designed to maximize networking opportunities through an informal Q&A setting featuring the speakers of the day and other special guests.

In the coming weeks, you'll receive more details about the registration process, speakers, and other important information to join the virtual sessions. Check the [Architect Licensing Advisors Community](#)  for updates along the way.

Have questions? Please contact us at [advisors@ncarb.org](mailto:advisors@ncarb.org) .

# SOUTH DAKOTA

## 2019 Data on Architectural Licensure

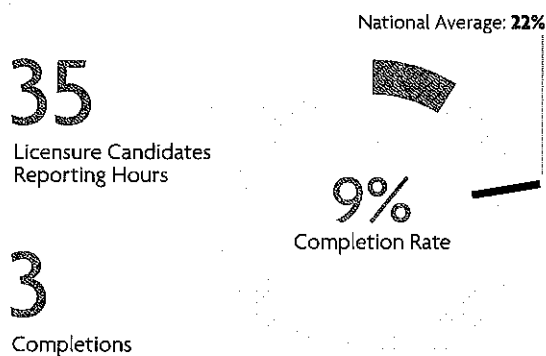
NCARB

This report provides an overview of the progression to licensure for aspiring architects in this jurisdiction during the calendar year 2019.

The report provides insights into the number of candidates working toward completing two of the core requirements for architecture licensure: gaining professional experience and completing the nationally recognized exam. The third core requirement is earning a degree in architecture, typically from a program accredited by the National Architectural Accrediting Board (NAAB). It also provides an overview of their collective progress toward completing these programs.

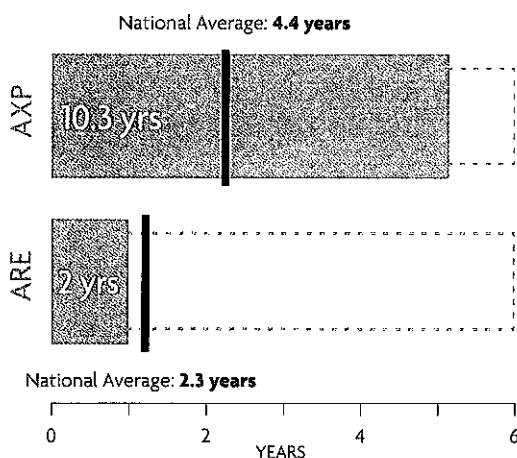
In addition, the report provides insight into the length of time candidates in this jurisdiction typically take to complete the experience and examination requirements, and the total number of licenses issued by the Board in the calendar year. The national averages for these data points are provided for reference.

### EXPERIENCE



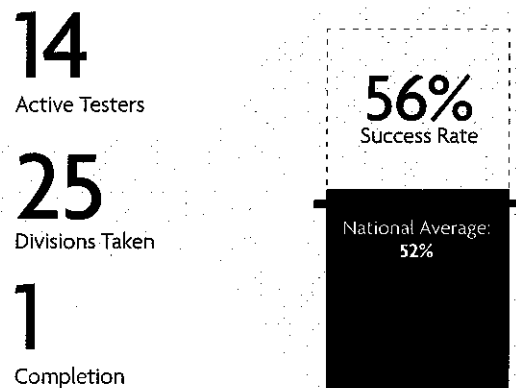
The AXP provides a framework for candidates to earn professional experience. Candidates are required to record 3,740 hours of experience across six practice areas to complete the AXP.

### COMPLETION TIMELINE



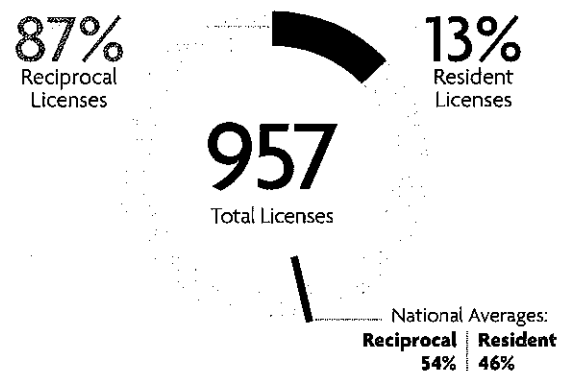
This reflects the median time candidates take to complete each of the two core components for licensure. The ARE and AXP can be taken concurrently.

### EXAMINATION



The ARE is a six division exam required by all 50 states and additional territories as a core component for licensure.

### LICENSURE



The national average is 46% Resident (Applicant's primary residence is within the state), and 54% reciprocal (Applicant's primary residence is out of state).

# SOUTH DAKOTA

## 2019 Data on Architectural Licensure



The report also explores the demographics of both candidates for licensure and licensed architects in this jurisdiction, including their age, race, ethnicity, and gender.

This data is provided by the National Council of Architectural Registration Boards' (NCARB) annual data report NCARB by the Numbers.

NCARB is made up of the architecture licensing boards from all 50 U.S. states, the District of Columbia, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands.

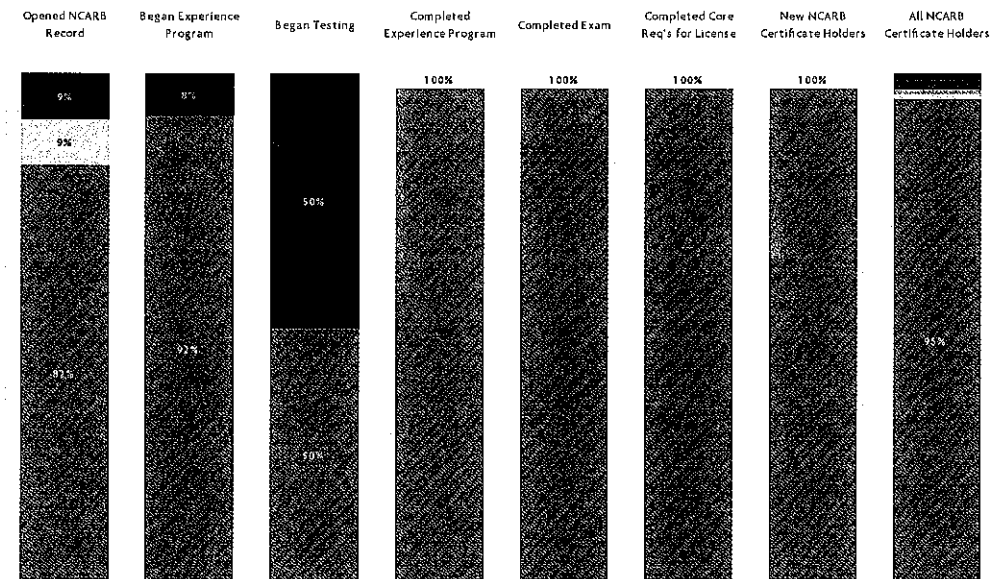
### Racial and Ethnic Diversity

This chart shows the approximate racial and ethnic diversity of individuals at each stage of the process of earning an architect's license who are seeking licensure in this jurisdiction, for the calendar year 2019.

*Note: NCARB uses the same categories for race and ethnicity as the U.S. Census Bureau.*

#### Racial and Ethnic Representation Across Career Stages

This chart shows the proportion of individuals who identify as each race or ethnicity at various stages in their architecture career.



#### Key

Demographics are listed as: race, ethnicity.

A designation of "no data available" means that the individual has chosen not to identify either their race or ethnicity. For instance, "White, no data available" indicates that the Record holder identified their race as white but has not identified their ethnicity.

Record holders who choose not to identify both race and ethnicity are excluded from this chart.

- American Indian or Alaska Native, Hispanic or Latino
- American Indian or Alaska Native, No Data Available
- American Indian or Alaska Native, Not Hispanic or Latino
- Asian, Hispanic or Latino
- Asian, No Data Available
- Asian, Not Hispanic or Latino
- Black or African American, Hispanic or Latino
- Black or African American, No Data Available
- Black or African American, Not Hispanic or Latino
- Native Hawaiian or Other Pacific Islander, Hispanic or Latino
- Native Hawaiian or Other Pacific Islander, No Data Available
- Native Hawaiian or Other Pacific Islander, Not Hispanic or Latino
- No Data Available, Hispanic or Latino
- Other, Hispanic or Latino
- Other, No Data Available
- Other, Not Hispanic or Latino
- White, Hispanic or Latino
- White, No Data Available
- White, Not Hispanic or Latino

*Note: Each bar represents a different cohort of individuals, based on their status in the 2019 calendar year. Only records which have provided this data are included.*



# SOUTH DAKOTA

## 2019 Data on Architectural Licensure



### Gender Representation

This chart shows the approximate gender split of individuals at each stage of the process of earning an architect's license who are seeking licensure in this jurisdiction, for the calendar year 2019.

*Note: NCARB recognizes that not all individuals identify as male or female. However, NCARB's data currently uses the same sex categorization as the U.S. Census Bureau.*

### Career Stages

**New NCARB Record Holders:** This stage includes all individuals who started an NCARB Record in 2019. Starting an NCARB Record is an approximation for beginning the path to licensure, as all candidates need an NCARB Record to document the education, experience, and examination requirements for licensure.

**Experience Start:** This stage includes all individuals who began the experience program in 2019.

**Examination Start:** This stage includes all individuals who took their first division of the national exam, the Architect Registration Examination® (ARE®), in 2019.

**Experience Complete:** This stage includes all individuals who completed the experience program in 2019.

**Examination Complete:** This stage includes all individuals who passed their final ARE division in 2019.

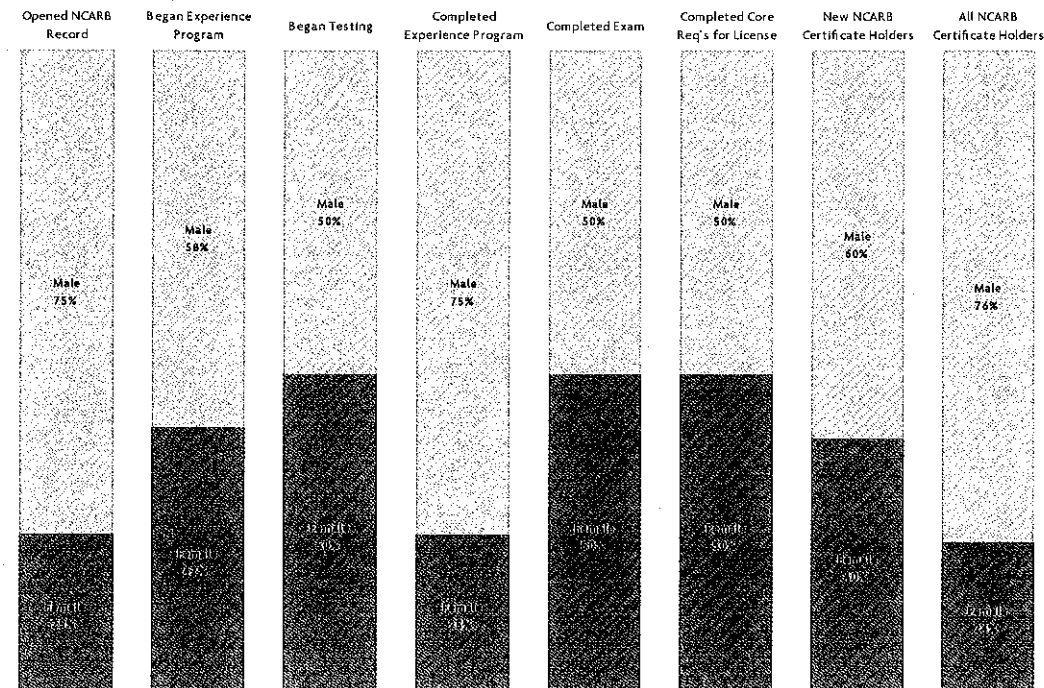
**Core Requirements Complete:** This stage includes all individuals who finished their final "core requirement" for licensure in 2019. Core licensure requirements include education, experience, and examination, although some jurisdictions do have additional requirements. This stage is an approximation for individuals who received an initial license in 2019.

**New Certificate Holders:** This stage includes individuals who earned their NCARB Certificate—a credential that facilitates out-of-state licensure—in 2019.

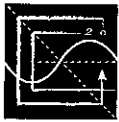
**All Certificate Holders:** This stage includes all individuals who hold an NCARB Certificate, which can be used to approximate the makeup of the architect population in this jurisdiction.

### Gender Representation Across Career Stages

This chart shows the proportion of men and women at various stages in their architecture career.



*Note: Each bar represents a different cohort of individuals, based on their status in the 2019 calendar year. Only records which have provided this data are included.*



# NCEES

advancing licensure for  
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## NEWS RELEASE

August 28, 2020

Contact: Nina Norris

Director of Public Affairs

[nnorris@ncees.org](mailto:nnorris@ncees.org)

## Knotts begins term as NCEES president

Christopher Knotts, P.E., began his term as 2020–21 NCEES president at the conclusion of the organization's 99th annual business meeting. Ballots were cast in July 2020. The election results were announced at the virtual business meeting on August 27, 2020.

A resident of Baton Rouge, Louisiana, Knotts serves as an emeritus member of the Louisiana Professional Engineering and Land Surveying Board. He replaces outgoing president Dean Ringle, P.E., P.S., of Ohio, who will remain on the NCEES board of directors as immediate past president.

Also during the annual business meeting, NCEES members elected Brian Robertson, P.E., president-elect for the 2020–21 term.

NCEES welcomed Paul Tyrell, P.E., P.L.S., of Massachusetts, Scott Bishop, P.S., of Utah, and Michael Drewyor, P.E., P.S., of Michigan to its board of directors as well. Tyrell will serve a three-year term as treasurer, and Bishop and Drewyor will serve two-year terms as vice presidents of the Western Zone and Central Zone, respectively.

Rounding out the board of directors are two members serving second years of their terms. Christopher Duhamel, P.E., P.S., of Rhode Island, returns as Northeast Zone vice president, and Timothy Lingerfelt, P.L.S., of Tennessee, returns as Southern Zone vice president.

## ABOUT NCEES

*The National Council of Examiners for Engineering and Surveying is a nonprofit organization made up of engineering and surveying licensing boards from all U.S. states, the District of Columbia, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. Since its founding in 1920, NCEES has been committed to advancing licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the U.S. public.*

*NCEES helps its member licensing boards carry out their duties to regulate the professions of engineering and surveying. It develops best-practice models for state licensure laws and regulations and promotes uniformity among the states. It develops and administers the exams used for engineering and surveying licensure throughout the country. It also provides services to help licensed engineers and surveyors practice their professions in other U.S. states and territories. For more information, please visit [ncees.org](http://ncees.org).*

## Patterson, Kathryn

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**From:** NCARB Council Relations <council-relations@ncarb.org>  
**Sent:** Friday, August 28, 2020 7:53 AM  
**Subject:** [EXT] NCARB ARE Remote Testing Launches November 16

NCARB is excited to announce that Architect Registration Examination® (ARE®) candidates will be able to schedule remote-proctored appointments in mid-November 2020. Changes that will make remote proctoring possible are expected to launch November 16, 2020. As test center closures and limited availability continue to impact candidates' licensure progress, this new option will provide flexibility to take the exam in a location of the candidates choice. We will send an announcement to all candidates and post this information on NCARB.org on September 1, 2020, and we wanted you to have all of this information in advance – including FAQs specifically designed to help you answer questions about this effort. Please let us know if you have any questions.

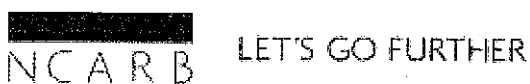
### Key Takeaways

- Expected Monday, November 16, 2020, candidates can schedule remote-proctored appointments through their NCARB Record.
- Candidates can still test in-person at Prometric test centers.
- The ARE's content and division structure will not change.
- Aspects of the exam's delivery are being updated for both in-person and remote administrations to increase exam security and provide a more efficient experience.
- More information about exam delivery changes will be released in mid-September.
- We expect to release updated *ARE Guidelines*, *ARE Handbook*, and a new demo exam in October.
- These changes will maintain the exam's rigor, while providing candidates with greater flexibility and accessibility.
- In summer 2021, NCARB will switch to a new test administration vendor, PSI, for both in-person and remote testing.

NCARB will continue to share information regarding remote proctoring with our members as soon as it becomes available. Be sure to check the [Member Board Community](#) for updates and upcoming events, as well as the following resources:

- [Candidate Announcement Email and FAQ – New!](#)
- [Remote Proctoring 201 Webinar – New!](#)
- [Remote Proctoring Fact Sheet](#)
- [Remote Proctoring Talking Points](#)
- [Remote Proctoring 101 Webinar](#)
- [NCARB Blog](#)
- [Sign up](#) for our ARE Update emails

For questions, please reach out to [council-relations@ncarb.org](mailto:council-relations@ncarb.org).



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## **ARE 5.0 Updates/Remote Proctoring: Talking Points**

### **The Basics**

- Remote proctoring enables a candidate to take the exam in an appropriate location of their choice, with a fixed testing time and with a fixed testing duration.
- The exam is overseen by a “remote proctor,” who observes the candidate using video and audio surveillance throughout their test to ensure compliance with testing conditions.
- Remote delivery will allow NCARB to continue evolving the exam to meet the needs of our members and customers, support the licensure process, and mitigate interruptions to exam delivery (such as the current pandemic).
- The ARE will remain the same exam (same six divisions, same content), regardless of delivery method, thus ensuring that the exam is still accepted by all 55 U.S. jurisdictions as a fair and valid measure of a candidate’s ability to competently practice architecture is a critical part of this process.
- NCARB will update the exam delivery to allow candidates to test remotely while maintaining exam security.
- Once NCARB enables remote proctoring, candidates will be able to test both in person at physical test centers and remotely at approved locations
- Currently, NCARB aims to be able to offer remote proctoring in late-2020 or early-2021.

### **Vendor**

- To deliver the exam via remote proctoring, NCARB will still work with a partner vendor to deliver and proctor the exam.
- Currently, NCARB is in the process of selecting the most appropriate test administration vendor to support ARE candidates both at test centers and via online proctoring.
- Our current vendor, Prometric, is one of several options being considered.
- NCARB expects to determine its approach including the vendor and share the decision with members and the public by late-July or early-August.

### **What’s Changing**

- **Changes will primarily impact test delivery (such as testing time and navigation) and not exam content.**
- Current software navigation, flexibility, and long continuous test time requirements make it difficult to securely deliver the exam using remote proctoring.
- NCARB is actively working with volunteers and psychometric consultants to adjust the delivery of ARE 5.0’s six divisions to enhance security, allowing delivery at traditional test centers as well as via online proctoring.
- The delivery updates will **not** require an exam transition like the transition from ARE 4.0 to ARE 5.0, because the updates will maintain the same six divisions of ARE 5.0 and the same content.

### Exam Rigor

- Enabling candidates to take the exam remotely, while preserving the rigor expected from our member licensing boards, is a top priority for NCARB.
- The ARE will continue to include the same content areas and divisions.
- The adjusted exam will measure candidates against the same performance standard of being able to practice independently.

### Remote Proctoring

- The remote proctor will monitor candidates' behavior while testing and ensure no cheating occurs, just as proctors monitor candidates' behavior in a physical test center.
- Allowing delivery of the ARE via remote proctoring will allow NCARB to deliver the test at a variety of venues, including American Institute of Architects (AIA) components, firms, architecture schools, the tester's home, or even licensing board offices.
- Regardless of venue, the testing environment will need to meet certain standards to ensure that the security and validity of the exam is maintained.
- Remote proctoring will involve a check-in procedure that includes a video inspection of the testing area, live proctors monitoring and recording the candidate's audio and video during the entire testing event, installation of a secure browser on the local workstation, and the live proctor maintaining overall exam control throughout the test administration.
- To take the exam via remote proctoring, interested candidates will need to provide a private testing area with a continuous high-speed internet connection, as well as a live audio and video feed from their computer.

### Timeline

- Once NCARB has determined necessary changes to exam delivery and testing vendors in July 2020, we will be able to share a timeline with our members and customers.
- NCARB is currently aiming to be able to offer remote proctoring by late-2020 or early-2021.

### More Information

- NCARB will continue to share information regarding remote proctoring with our members as soon as it becomes available.
- Check the Member Board Community for future updates, engagement opportunities (such as webinars), and more. You can also keep an eye on the [NCARB blog](#)—including our recent [remote proctoring article](#)—and sign up for our [ARE Update](#) emails.
- In addition, NCARB will be holding two webinars about remote proctoring as part of our summer webinar series for members.
  - July 28: Webinar in partnership with Interorganizational Council on Regulation (ICOR) partners for an exploration of how remote proctoring might work for licensing exams in the future [\[Register\]](#)
  - August 26: Webinar focused on an in-depth exploration of remote proctoring and the ARE [\[Register\]](#)

## **Online Proctoring Fact Sheet**

### **What does online proctoring mean for the ARE?**

Over the past several years, the NCARB Board of Directors, the Examination Committee, and Examination department staff have been evaluating the capability of online proctoring technology to support the delivery of the Architect Registration Examination® (ARE®). Advancements in technology back in 2016 allowed NCARB to transition the ARE to a web-based examination that was able to be delivered in test centers around the globe. Further advancements in technology and improvements by online proctoring providers in recent years now make online proctored delivery of the ARE a reliable and secure delivery option.

It is important to remember that the changes being made to enable the ARE to be delivered via online proctoring will **NOT** change the content being assessed on the exam. Also, the current six-division structure of the ARE, which aligns with the six experience areas of the Architectural Experience Program® (AXP®), will **NOT** change. What this means for licensure candidates is that they need to study and be competent on the same content that is tested on the ARE today. What this means for you as a Member Board is that you do **NOT** have to change your procedures related to the ARE or licensure.

What is going to change to enable online proctored delivery relates to the way in which the ARE is delivered. NCARB has conducted research that provides us confidence in the ability to make some adjustments to the number of questions asked and the delivery length of each division while ensuring exam reliability and validity. NCARB is also making some changes in the way candidates will proceed through each administration to increase the security of the exam. Candidates will have a new testing experience, as they will need to complete smaller sections one at a time while taking a division. As the candidate completes a section, those items will become locked. This section delivery approach will allow candidate more access to and flexibility in taking breaks while testing.

The following fact sheet outlines what online proctoring means for the future of the ARE.

#### **Granting Eligibility to Test**

The process for granting an individual their eligibility to test will not change. Jurisdictions will continue to maintain the ability to self-manage candidate eligibilities or choose to use NCARB's Exam Eligibility Services, a free service to Member Boards that eases the workload of board staff.

#### **Access to the ARE**

Access to the ARE will increase with the addition of online proctoring. NCARB will continue to provide all candidates the option to test at an on-site testing center. Online proctoring will have appeal to candidates in more remote areas where test center access requires significant travel. Online proctoring is also likely to appeal to candidates with scheduling constraints as it also extends the hours during the day when a candidate can take the ARE.

### **Examination Fees**

The current fee for each exam administration is \$235. There is no planned increase in this fee. NCARB will absorb the cost to implement online proctoring. The fee will be the same regardless of whether the candidate chooses remote delivery or test center delivery.

### **Scheduling an Appointment**

Scheduling an appointment will become more flexible with the addition of online proctoring. Not only will candidates be able to schedule an appointment at an on-site location, they will be given the option to schedule an appointment using online proctoring. Online proctoring services have the potential to be available 24 hours a day as remote proctoring services are offered globally.

### **Setting Up a Testing Area for Online Proctored Delivery**

Candidates wanting to take an exam using online proctoring will need to be able to provide a location and the necessary technology that meets the requirements of NCARB. By providing a private testing area with appropriate technology, the candidate will create their own virtual test center. The candidate's testing environment will be evaluated by the online proctoring agent at the beginning of each administration and if it is found to meet the necessary security requirements, it will be designated an NCARB-approved ARE testing location/center and the test administration will proceed. If the candidate cannot provide an appropriate location at the time they have scheduled, the candidate will not be allowed to test and their exam fee for that administration will be forfeited.

### **What Technology is Required to Take an Online Proctored Exam**

Besides a private testing area, the candidate will need to have a computer with video and audio capability as well as a stable internet connection. Candidates will be able to complete a system check of their technology before scheduling an online proctored appointment. The system check includes the installation of a secure browser that will be used only for the administration of the exam, an internet connectivity check, a video check, and an audio check.

The secure web browser used for the exam delivery will block access to all other computer applications throughout the exam administration. The secure browser also monitors candidate's keystroke and mouse actions.

### **Will NCARB Publish the Minimum Technical Requirements?**

Yes. Once NCARB has selected an online proctoring vendor, the minimum requirements needed to deliver the ARE via online proctoring will be determined. Upon establishing those requirements, the information will become publicly available and messaged to all stakeholders.

### **Checking in for an Appointment**

The check-in procedure for an online proctored exam will require candidates to provide valid proof of identification before proceeding with the evaluation of their test area. Upon verification of proper identification, candidates provide the proctoring agent a video review of their testing area to ensure a clean work area and no extraneous or suspicious devices in the room.

The check-in procedure includes a revalidation of the technology in place to support the exam delivery. Once the testing area is approved and the system check is complete, the candidate has completed the check-in procedure and is released to the online proctor to begin their exam.

**Taking an Online Proctored Exam**

Candidates will take the exam using a traditional test driver that allows them to view the questions, monitor the amount of time they have remaining, and access approved resources such as a calculator. The candidate will be monitored by video and audio the entire time they are testing. Candidates do not see the online proctor and will view the exam just as they do today.

In a typical administration, the candidate will not engage with the online proctor once the exam begins. Like testing on-site, the candidate will focus on the content on the screen in hopes of passing the division—the proctor works in the background in real time monitoring the candidate for any behavior outside the norm using both computer technology and physical observation. If the online proctor needs to address a candidate issue, the exam is paused by the proctor and the candidate is contacted by the proctor through the online application.

**Can the Online Proctor End the Exam Appointment?**

Yes. If a candidate fails to follow the rules outlined for online delivery, the proctor will first warn the candidate. If the candidate continues to not follow testing procedures, the exam appointment will be terminated, and the score invalidated. The ability to take the ARE is a privilege granted by the jurisdictional licensing board. Just as in test centers today, if a candidate fails to follow the policies and procedures required, they can lose the privilege to test.

**Will the ARE be Adjusted to Support Online Proctoring and Future Test Center Delivery?**

No regarding format and content, yes regarding some elements of delivery. The current testing times and flexibility that candidates have to navigate back and forth between division questions while testing is not conducive to online proctored delivery and makes it more difficult to schedule at a test center with limited hours. Also, NCARB's psychometricians have completed a study that supports adjusting the total number of questions needed during each administration to maintain an appropriate level of reliability for high-stakes licensure examinations. This will slightly adjust the timing of each division to ease the burden of finding an appointment time.

To support the ability to take more breaks while testing, as the exams will likely all still be more than three hours in length, NCARB is evaluating delivering the content of each administration in smaller sections. Candidates will complete questions in distinct section blocks. After a candidate completes a section, that section's questions will be closed securing those questions and answers. This allows the candidates to take more breaks and access areas such as bathrooms while on break while also ensuring that the questions already displayed to the candidates will remain secure, and prevents the candidate revisiting questions and amending their responses.

**Will the Content of the ARE Change to Support Online Proctoring?**

No. The current division structure and objectives assessed within each division will remain unchanged when online proctoring becomes available. Changes to examination content are based on updates determined appropriate due to changes in practice and any future exam content changes will be based on the results of the Analysis of the Practice of Architecture expected to be completed in 2022.

**Will the On-Site Administrations Be Different than Online Administrations?**

No. The ARE will be delivered using the same format, timing, and content for all administrations regardless of delivery mode.



**Will the On-Site Administrations be Scored Any Different than the Online Administrations?**

No. The ARE will be scored the same regardless of delivery mode.

**Will Score Reporting Change with Online Proctoring?**

No. The score reporting process will remain the same as it is today. Candidates will be able to access official score reports from their NCARB Record just as they do today.

**Will the Cut Score Change?**

Yes. As noted previously, the total number of questions asked will be decreasing. Due to that decrease, the cut score, the number of questions a candidate must answer correctly to pass, will also need to be adjusted. The change in cut score will not decrease the required level of competence needed to pass. The decrease in cut score will only reflect a decrease in the number of questions asked.

**Will the Cut Score Change Cause Score Reports to Be Delayed?**

Maybe. Unlike the launch of ARE 5.0 in 2016 when NCARB had no viable item data on the new case study and graphic items added to the ARE, the existing items included on the ARE that will be online proctor capable, will already have item data. NCARB is working with our psychometricians to develop a way that allows candidates that are high performers to receive a passing score as quickly as they do today. We are also hoping to release low performing scores just as quickly so those candidates can receive feedback on their ongoing preparation. However, for candidates that score close to the newly established cut score, NCARB will need to hold scores for a period of time (likely up to six weeks) until an appropriate pass/fail decision is made.

# ICC Government Relations Monthly Update – September 2020

Follow @ICC\_GR on Twitter for breaking news & announcements throughout the month

Click [here](#) for the ICC Government Relations Staff Regional Map

**YOUR RESPONSE IS NEEDED: Take the survey now. Help us obtain funding to help make your job safer.**

Work by ICC's Government Relations staff helped to get funds for local jurisdiction code offices through the **Coronavirus Aid, Relief, and Economic Security (CARES) Act** to protect essential services. Last April, 1150 jurisdictions from every state across the country provided feedback. Read the survey analysis, [here](#). Responses from ICC Members helped ICC GR staff alert state and local governments to better understand departments' virtual capabilities and to collect best practices that could help inform other departments' approaches. Now, we need you to update that information. Please take a few minutes and answer the questions as best as you can. Identities are protected. **Take the survey.**

**WATCH IT NOW: Webinar features four ICC Members on how their offices used federal CARES Act funding to address virtual needs**

You can see the webinar featuring four code officials from across the country who discuss how their offices received funds to upgrade to virtual office systems and make their jobs safer. Panelists were permit technician **Barb Williams**, Otsego, Minnesota; ICC Board Member **Mike Boso**, Grove City, Ohio; **Becky Baker**, Jefferson County, Colorado, and **Ruben Barrera**, Ventura County, California. They described how their jurisdictions successfully secured federal CARES Act funds to protect and support their departments and communities through hardware, as well as virtual and digital solutions. They outlined opportunities for federal funding and steps to receive funds, the solutions they've sought and why, and their advice on navigating the process. The panel was moderated by former Tennessee Fire Marshal Gary West and West Allis, Wisconsin, building official Ed Lisinski. [Click here to see the webinar.](#)

**International Code Council releases recommended practices for remote virtual inspections**

For no cost, code officials can obtain "[Recommended Practices for Remote Virtual Inspections](#)," the Code Council's guideline document for an effective, consistent remote virtual inspections program. It reflects research and discussions from Code Council members (including responses to April's survey of U.S. code officials on COVID-19 response), partners and industry experts. Remote virtual inspections use visual or electronic aids that allow inspectors to observe specific construction projects, products or materials from a distance. These remote inspections are beneficial when the materials or buildings are inaccessible, in dangerous environments, or in other circumstances, prevent an in-person inspection. [Read about the recent experiences](#) in Florida using video inspections and [click here to see how drones](#) are used indoors. Read about [electronic plans submittals in Ranch Cucamonga, California](#), [here](#).

**SAVE THE DATES: Code Council launches ICC LEARN LIVE webinars during November 9-13**

This November, the International Code Council is launching **ICC LEARN LIVE**, a week-long virtual training and education event that will cover the latest topics in building safety — from the global impact of the COVID-19 pandemic on the building industry to remote virtual inspections and the 2021 International Codes. This innovative event will be held from Nov. 9–13, 2020. Here are the dates and sessions.

- **Monday, November 9** - 2021 IBC Highlight of Structural Changes; Best Practices for Building Departments; COVID-19 Global Perspectives Panel.
- **Tuesday, November 10** - 2021 Code Changes – Break Outs.
- **Wednesday, November 11, Veterans Day (dedicated to veterans and will include related issues)** - Going Virtual: How to Embrace the New Normal; Remote Virtual Inspections – Recommended Practices; Innovation in 3D Printing.
- **Thursday, November 12** - Energy Storage; Careers in the Building Safety Industry; Careers in Building Safety Panel.
- **Friday, November 13** – Plumbing; Keynote Speaker/Networking.

We expect ICC Learn Live to reach more building safety professionals than ever before now that we're making our content available to professionals around the world at their desks. Indeed, our webinar sessions in April and May, in the wake of the pandemic, saw between 500 and 1,100 participants each, and ICC Learn Live will showcase five days of content. Attached to this edition of **ICC Government Relations Monthly Update** is a **LEARN LIVE** prospectus outlining the sponsorship opportunities for this event. To discuss how ICC Learn Live might help accomplish your business development goals, please contact David Coyne at [dcoyne@iccsafe.org](mailto:dcoyne@iccsafe.org).

**Code Council CEO Dominic Sims offers column published in new issue of "Governing" magazine**  
Governing featured a column by Code Council CEO Dominic Sims titled "Building Safety's Essential Role in Resilience and Recovery" which stresses the importance of code departments in pandemic response, ensuring building occupants' life safety, promoting community disaster mitigation and recovery, and facilitating construction and related economic activity. It urges state and local government to leverage federal CARES Act funding to address code departments' virtual capability needs. "Building code adoption and enforcement are the backbone to a safe built environment," Sims wrote. "According to the Federal Emergency Management Agency, modern and well-enforced building codes are one of the most effective means to prepare communities for natural hazards. Strong code enforcement can help to reduce losses from catastrophic weather events such as windstorms by 15 to 25 percent, which makes funding critical so that building departments can make the switch to digital processes and maintain full function as they face down the dual threats posed by the virus and other natural hazards."

**Education opportunities are available involving AWC and ICC resources on mass timber construction**  
The Learning Center at ICC is presenting new training opportunities on Mass Timber Construction. This training series is being co-sponsored with the American Wood Council (AWC). AWC and ICC recently issued released Mass Timber Buildings and the IBC, an overview of requirements for mass timber construction as found in the 2015, 2018, and 2021 *International Building Code* (IBC). The series includes:

- Introduction to Mass Timber Products
- What's New in 2015/2018 IBC® for Mass Timber Construction
- Background and Overview (New Mass Timber)
- Heights and Areas and Construction Fire Safety (New Mass Timber)
- Fire Safety (New Mass Timber)
- Principles of Fire and Connection Design and Special Inspection (New Mass Timber)

On November 19, a Virtual Training Room on Mass Timber Building and the IBC will provide an overview of mass timber which includes any product currently permitted for use in Type IV (heavy timber) construction such as cross-laminated timber (CLT), structural composite lumber (SCL), glue laminated timber (glulam), mechanically laminated decking (aka nail-laminated timber, NLT), and large section sawn timbers. This course is at 9 a.m.-4 p.m. Central.

#### **Appeals Board approves merger of two hearings to begin Monday morning, September 14**

As announced in the Notice of Appeal Hearings, the appeals for the 2019 Group B Code Cycle were split into five groups since a significant amount of crossover was identified between some of the appeals. After receiving a request by the affected appellants for the fourth and fifth appeal hearings – Leading Builders of America and the National Association of Home Builders – the Appeals Board approved the merger of the hearings originally scheduled on September 10 and 14. The resulting appeal hearing will take place on September 14, 2020 at 9:00 a.m. Central. The hearing will include the following appeal basis as noted in the Notice of Appeal Hearings:

- Impact of online voting (CP 28)
- Cost impact
- Voting guides
- Voter eligibility
- Validation process

The deadline for comments was August 31. The hearing for federal preemption was held August 31, and the hearing for scope and intent is September 3. Registration links for the view only YouTube live stream of the hearing is available [here](#). As advised in previous notices, those interested in participating during the hearings are strongly encouraged to use the presentation template linked below. The template ensures the quality and formatting of the presentation follows the recommended [presentation guidelines](#). All presentations will be posted to the Code Council [appeals webpage](#) as they were submitted, without edits. Only Microsoft PowerPoint (.ppt) files will be accepted. Presentations are due Tuesday, September 8, by close of business. This webpage serves as the notification vehicle and repository for all documents related to the processing of the appeals in accordance with CP1 Appeals.

#### **Wyoming's Jim Brown heads select committee making the first major review of Code Council bylaws**

Code Council President Greg Wheeler recently appointed a committee to conduct the first major review of the ICC bylaws since their creation. The Code Council Board and Chief Executive Officer Dominic Sims agree that a comprehensive review is needed given the growth of the organization, the Code Council's 2025 strategic plan, and the changing world around us. The following were appointed:

- [Jim Brown, CBO, CFPS](#) – Chair
- [David Spencer, CBO](#) – Vice Chair
- [Bill Bryant, MCP, CBO](#)
- [Alan Boswell, MCP, CBO](#)
- [Ron Hampton, MCP, CBO](#)

Wheeler also appointed three ex officio, non-voting members from the [Emerging Leaders Membership Council](#) to serve on the committee: Elizabeth Arrington of Kentucky, Andre Jaen of Colorado and Benjamin Breadmore of Maine. The Committee will conduct a series of meetings throughout the fall and develop a detailed report for the Code Council Board to consider in December 2020. Members wishing to submit comments related to the bylaws should email them to [memberinput@iccsafe.org](mailto:memberinput@iccsafe.org).

#### **Disaster Savings and Resilient Construction Act legislation praised by stake holders in construction**

United States Representatives Bill Pascrell, Jr. (D-NJ-09), Tom Reed (R-NY-23), Peter DeFazio (D-OR-04) and Mario Diaz-Balart (R-FL-25) introduced the Disaster Savings and Resilient Construction Act, legislation that will create a \$3,000 tax credit for homes and a \$25,000 tax credit for business to help their owners rebuild after natural disasters. The Code Council worked closely with the bill sponsors on this effort, which would provide tax credits property owners for construction or reconstruction that adheres to one of the two most recent editions of the International Wildland Urban Interface Code or the ICC 600 Standard for Residential Construction in High-Wind Regions. In response to the bill's introduction, Code Council CEO Dominic Sims said, "We applaud Rep. Bill Pascrell, Rep. Tom Reed, Chairman Peter DeFazio and Rep Mario Diaz Balart for introducing the Disaster Savings and Resilient Construction Act of 2020. With natural disasters expected to increase in frequency and severity, this legislation would boost our national resilience by providing tax incentives to help Americans strengthen homes and businesses against wildfire, high winds, and other natural hazards through the use of modern building codes and standards." [Read more here](#).

#### **FEMA issues funding opportunities notice for its new pre-disaster mitigation grant program**

The Federal Emergency Management Agency [posted the fiscal year 2020 hazard mitigation assistance Notification of Funding Opportunities for the new Building Resilient Infrastructure and Communities \(BRIC\) pre-disaster mitigation grant program](#), which provides funding for eligible mitigation activities to strengthen our nation's ability to build a culture of preparedness by reducing disaster losses and protecting life and property from future disaster damages. The Code Council supported the creation of the program, ensured it could benefit code activities, and has worked closely with FEMA on its further development. This year, there is \$500 million available for the BRIC program and FEMA is offering a series of webinars in August for prospective applicants. The program can fund code adoption/updating (staff time, consultants, code books/digital licenses), training/certifications (including International Code

Council's When Disaster Strikes), electronic permitting and remove virtual inspection software, and building department accreditation. The application deadline is Jan. 29, 2021. Stay tuned for information on an early September ICC webinar on this opportunity and how to best leverage it.

**U.S. House of Representatives spending bill supports continued funding of EPA's WaterSense Program**

The U.S. House of Representatives recently passed a [consolidated appropriations act for fiscal year 2021](#) that includes funding for programs within the Department of the Interior, the U.S. Environmental Protection Agency (EPA) and other agencies. The Appropriation Committee's [report](#) includes language that supports EPA's WaterSense Program and directs the agency to continue funding the program at the enacted levels. The program has saved \$4.4 trillion gallons of water and \$87 billion of water and energy expenses since its inception in 2006, and more than 34,000 WaterSense plumbing product models are available, according to the most recent [WaterSense Accomplishments Report](#). [Read more here](#).

**Last part of series examines flexibility and savings in installing venting fixtures and traps in 2021 IPC**

In the fourth and final part of the series from "[Methods of Venting Plumbing Fixtures and Traps in the 2021 International Plumbing Code: Installation, Flexibility and Opportunity for Savings](#)," writer Lee Clifton delves into Chapter 9 of the IPC and its variety of methods to vent plumbing fixtures and traps. The methods have been laboratory tested to determine sizing and installation requirements that provide proper venting to a drainage system. The venting methods have also been field-tested, establishing a long history of satisfactory service. These venting provisions offer the installer and designer different paths to achieving an adequately vented system, which could result in cost savings along with ease of installation in different types of construction. [Read more here](#).

**ICC-ES provides proof of compliance to state and regional codes and eases approval for installation**

With an expanding worldwide demand for safe and resilient buildings, it is more important than ever to prove that the products used to build them meet the local regulations. ICC Evaluation Service (ICC-ES) evaluates products to help code officials approve them for installation. ICC-ES evaluation reports are tailored to meet the needs of the code official enforcing the international family of codes. The reports contain factual, relevant information needed by code officials in order to support their decision to allow subject building products in their jurisdiction. Many states and cities are already using ICC-ES reports, such as the state of California, state of Florida, and the City of Los Angeles. Learn more [here](#).

**ICC Evaluation Service technical staff is primed for the developing 3D printing construction industry**

Realizing that 3D printing is quickly becoming an in-demand technology, ICC Evaluation Service (ICC-ES) technical staff have been closely monitoring developments in the 3D printing construction industry. As the leading evaluation service in the industry whose reports are widely accepted by building officials and jurisdictions in the United States, ICC-ES has been working with leading 3D printing construction companies to develop building code compliance for one-story, single-unit, residential dwelling walls constructed using 3D printing technology. [Read more here](#).

**Code Council releases update on current standards development activities**

The critical role of standards in the building regulatory process is such that the standards are an extension of the code requirements and are therefore equally enforceable. Consequently, standards that are referenced in codes carry an expectation of being as clear, direct and enforceable as code requirements that are primarily text. For a list of International Code Council standards that are current, being revised or are under development, [read more here](#).

**ICC-ES in-person meeting slated for October 6-7 now changed to an online meeting via live WebEx**

The in-person meeting of the ICC Evaluation Service Evaluation Committee, scheduled for October 6-7, 2020, in Birmingham, Alabama, will now be held via live WebEx. A list of all acceptance criteria

development documents that will be presented for review is now available. Those interested in joining the meetings must register for the events scheduled on each day. Registration will close on October 2.

**Fannie Mae issues the Multifamily Modular Construction Toolkit in response to housing supply crisis**

Modular construction is seen as a possible solution to the nation's affordable housing supply crisis due to its many potential benefits, including cost savings, shorter development timelines, and an overall safer and more efficient development process. Fannie Mae recently released its Multifamily Modular Construction Toolkit to support the use of modular construction in multi-family housing. Developed with the support of the National Institute of Building Sciences Off-Site Construction Council and Code Council Vice President of Innovation Ryan Colker, the toolkit includes best practices, case studies and resources.

**New online membership tool makes reinstating ICC memberships easier than ever**

A new membership tool allows members to reinstate their memberships online. Previously, former members had to call or send a PDF form with a check. Now, all they need to do is log in to myICC and click on the "Reinstate" button found in the membership area. There's no extra fee to reinstate a lapsed membership; just rejoin for the regular dues fee. Available 24/7, this new feature offers convenience for restoring member benefits and we're still available for you by phone at 888-ICC-SAFE x33804.

**Recently issued whitepaper examines COVID-19 impact on fiscal viability for states and jurisdictions**

The Council of State Governments released its report — COVID-19: Fiscal Impact to States and Strategies for Recovery — which examines near-term budget impacts, the economic risk of ongoing pandemic effects and shutdowns, the resiliency of states to respond, and strategies for fiscal recovery. States plan for unanticipated events in the development of state budgets, but nothing could have prepared states for the shock the COVID-19 pandemic is inflicting on revenue and expenditures in such a short time. Based on the latest state-by-state estimates, states face an estimated \$169-253 billion shortfall for the combined fiscal years ending in 2020 and 2021.

**GOT PULSE? Episode 29 focuses on Society of Fire Protection Engineers and performance-based design**

In this episode Code Council Senior Staff Engineer Beth Tubbs leads a discussion about the Society of Fire Protection Engineers (SFPE) and performance-based design. Tubbs is joined by ARUP Principal and Past President of SFPE Ray Grill and Building Official of Summit, N.J., Gary Lewis. Click here to listen.

**Upcoming from the ICC Learning Center: Institutes, training, webinars, etc.**

Online learning is available from the ICC Learning Center. Find course listings you'd like to attend in the Learning Center using the Search function. Single-day training events are an opportunity to focus on topics to ensure your code knowledge stays up to date, with some seminars offering a Virtual Classroom option so you can participate in the event from any location with an internet connection:

- **September 1 – IMC Webinar Series, Administration and General Requirements.**
- **September 1-2 - Permit Tech Institute.**
- **September 2 – Permit Tech Webinar Series, Legal Principles.**
- **September 3 – Code Enforcement Webinar Series, Effective Communication.**
- **September 8 – IMC Webinar Series, Ventilation and Duct Systems.**
- **September 9 – Permit Tech Webinar Series, Finding the Answers in the I-Codes®.**
- **September 10 - Formulating an Effective Code Enforcement Program.**
- **September 14 - 2018 Fire Inspector Webinar Series, General Inspection Administration.**
- **September 15 – IMC Webinar Series, Exhaust Systems.**
- **September 16 – Permit Tech Webinar Series, Simple Plan Review.**
- **September 16 – Standalone Webinar, Simple Plan Review.**
- **September 17 - Leadership Webinar Series, Building Your Bench.**

- September 21 - 2018 Fire Inspector Webinar Series, General Provisions and Fire Safety, Part I.
- September 22 – IMC Webinar Series, Combustion Air and Venting.
- September 28 - 2018 Fire Inspector Webinar Series, General Provisions and Fire Safety, Part II.
- September 29 – IMC Webinar Series, Boilers and Hydronic Piping.
- September 30 - Millennials in Code Enforcement.
- October 5 - 2018 Fire Inspector Webinar Series, Special Occupancies and Operations.
- October 6 – IMC Webinar Series, Refrigeration, Fuel Oil Piping and Storage and Solar Systems.
- October 13 - 2018 Fire Inspector Webinar Series, Regulated Materials and Processes .
- November 18 - Essential Skills for Rising Leaders.
- November 19 - Virtual Training Room on Mass Timber Building and the IBC.
- Available daily online, 2015 Permit Technician 14 Study Guide.
- Available daily online, IRC® Online Study Guide for Residential Building Inspectors B1.

Plus check out more upcoming virtual learning and webinar offerings here:

- [Virtual landing page](#)    [Webinar landing page](#)

**PDH AUDIT REPORT**  
**For September 18, 2020**  
**BOARD MEETING**

13 audits reviewed at each Board Meeting

**Mailed letter to licensee – August 3, 2020**

**DEADLINE TO RECEIVE INFORMATION IS September. 3, 2020**

Name	Prof	Sent 1 <sup>st</sup> letter (or email) need audit records	Rcvd audit records	Board approved	Board NOT approved	Sent email reminder – need audit records
Essex, Jon T.	LS 9421	08/03/20	08/10/20			
Illg, Robert Michael	LS 12861	08/03/20	08/13/20			
Lien, Wade Allen	PE 11329	08/03/20	09/02/20			08/25/20
Lorenzen, Ryan R.	LS 13910	08/03/20	08/13/20			
Lowe, Dion Charles	PE 8749	08/03/20	09/08/20			08/25/20
Lupo, Christopher David	PE 12926	08/03/20	08/05/20			
Ocon, Martin R.	PE 13942	08/03/20	08/12/20			
Pavlish, Jeremy	R 11139	08/03/20	08/12/20/0 8/14/20 Additional			
Schutte, Vanessa Quinn	AR 12851	08/03/20	08/07/20			
Scraper, Jonathan Douglas	PE 8665	08/03/20	08/31/20			08/25/20
Sumption, Alison Renee	PE 8334	08/03/20	09/03/20			08/25/20
Tracey, Timothy Robert	AR 12853	08/03/20	*****			08/25/20
Urrutia, Francisco Juan	AR 10151	08/03/20	09/01/20			08/25/20

\*\*\*\*\* no information received from licensee



**PDH AUDIT REPORT**  
**PENDING FROM PREVIOUS BOARD MEETING(S)**

**For September 18, 2020**

**BOARD MEETING**

**Mailed Copies to Board Members September 8, 2020**

<b>Name</b>	<b>Prof</b>	<b>Sent 1<sup>st</sup> letter (or email) need audit records</b>	<b><u>Rcvd Audit Record</u></b>	<b>Board NOT approved</b>	<b>Sent 2<sup>nd</sup> letter – need audit records</b>	<b><u>Rcvd Audit Record</u></b>	<b>Board NOT approved</b>	<b>Sent 3<sup>rd</sup> letter – need audit record</b>	<b>Rcvd Audit Record</b>
<b>Bagley,</b> Shawn D.	PE 6060	06-16-20	07-14-20 extension request	07-24-20 extension granted	07-30-20	####			
<b>Barton,</b> Richard Francis	LS 10152	06-16-20		07-24-20	07-30-20	08/06/20			
<b>Harding,</b> Shawn Weston	AR 12844	06-16-20	06-24-20	07-24-20	07-30-20	08/24/20			
<b>Pierquet,</b> Danyelle Payne	LA 13666	06-16-20	06-30-20	07-24-20	07-30-20	####			
<b>Slick,</b> Geoffrey Brian	PE 12044	06-16-20	07-02-20	07-24-20	07-30-20	08/17/20			

Legend:

#### has until 10-22-20 to provide additional info

&&&& has until \_\_\_\_\_ to correct deficiency

@@@@ has until \_\_\_\_\_ to correct deficiency

\*\*\*\*\* No Response received

**Board Meeting Examinee Report***FE Examinees Passed FE Exam*

Meeting Date: September 18, 2020

Page 1 of 2

Name	Certificate #	Exam
Fiddler, Jackson Thomas	E-12890	FE
Anderson, Brett Luther	E-12891	FE
Olson, Wade Richard	E-12892	FE
Huynh, Khang Trong	E-12893	FE
Spellman, Daylon Brendan	E-12894	FE
Mendivil Rodriguz, Estefany	E-12895	FE
Stukel, Makiah	E-12896	FE
Squyer, Helen Aplan	E-12897	FE
Pudwill, Zachary Alton	E-12898	FE
Fick, Evan Douglas	E-12899	FE
Allwine, Brandon	E-12900	FE
Begeman, Christopher Calvin	E-12901	FE
Cogswell, Jared Mitchell	E-12902	FE
Johannsen, Benjamin Mical	E-12903	FE
Burczek, Ellie Nicole	E-12904	FE
Kruse, Brandon Miles	E-12906	FE
Meyer, Aaron James	E-12907	FE
Day, Bradley	E-12908	FE
Kleven, Mitchell	E-12909	FE
Reeves, Joshua Brent	E-12910	FE
Sande, Emily Elise	E-12911	FE
York, Jordan	E-12912	FE
Updike, Joseph	E-12913	FE
Brogdon, Sophie	E-12914	FE

**Board Meeting Examinee Report***FS Examinees Passed FE Exam*

Meeting Date: September 18, 2020

Page 2 of 2

Name	Certificate #	Exam
Dietmeier, Joe	S-12905	FS

**Board Meeting Examinee Report*****For FE Examinees For Approval*****Meeting Date: September 18, 2020****Page   1   of   3**

<b>Name</b>	<b>Exam</b>
Allen, Joseph H.	FE
Barkow, Justin Lee	FE
Coulter, Cody Richard	FE
DeWitt, Kaytie Marie	FE
Eigenberg, Austin	FE
Ewing, Wyatt Michael	FE
Gomes, Christina	FE
Gravenhof, Cody	FE
Haas, Joel D.	FE
Hanson, Jacob Anthony	FE
Heinrichs, Nicholas Riese	FE
Irwin, Harrison David	FE
Johnson, Brady David	FE
Kanengieter, Robert Russell	FE
Klinker, Timothy Andrew	FE
Knottneerus, Kory James	FE
Kugler, Kolton	FE
Landsem, Logan	FE
Ling, Paige Nicole	FE
Loosbrock, Tucker Joseph	FE
Maclake, Stephen Cody	FE
Nelson, Adam	FE
Nelson, Ian McKay	FE
Nissen, Darren	FE
Nosbush, Daniel A.	FE
O'Brien, Timothy Steven	FE
Pagel, Anna Kate	FE
Rotert, Mark	FE
Schaefer, Ryan Dale	FE
Schaeffer, Whitney	FE
Schieltz, Travis V.	FE
Schoenauer, Cade Benjamin	FE
Schroder, Daniel	FE

<b>Name</b>	<b>Exam</b>
Sefa, Enis	FE
Sharkey, Brandon D.	FE
Sobania, Elizabeth	FE
Stoltenburg, Tyler John	FE
Timm, Derrick	FE
Unruh, Ethan Tate	FE
Van Liere, Jason	FE
Wagner, Benjamin Marshall	FE
Waldner, Jayden Lee	FE
Wolters, Andrew	FE
Wolters, Blake	FE
Zhu, Gerry	FE

**Board Meeting Examinee Report***For PE Examinees To Be Approved**Meeting Date: September 18, 2020*Page 2 of 3

Name	City	State	Comments
Clemen, Phillip J.	Rapid City	SD	
deWit, Jordan Rae	Sioux Falls	SD	
Swiontek, Connor	Sioux Falls	SD	

**Board Meeting Examinee Report***For PS Examinee To Be Approved**Meeting Date: September 18, 2020*Page 3 of 3

Name	City	State	Comments
Jordan, Travis Scott	Pierre	SD	
Sprenger, Jamie Lee	Aberdeen	SD	

**Board Meeting Comity Report***For Individuals by Comity – Licensed*

Meeting Date: September 18, 2020

Page 1 of 3

Name	City	State	Profession	License #
Glenn, Chad P.	Wichita	KS	AR	14880
Hayward, Megan	Scottsbluff	NE	AR	14935
Howell, David Edward	Ambridge	PA	AR	14936
Johnson, Justin	Minneapolis	MN	AR	14892
Kubier, Francis	Pensacola	FL	AR	14913
Rivard, Alain	San Antonio	TX	AR	14879
Sargent, Daniel Clark	Marion	NY	AR	14934
Andritsch, Eric Ryan	Oconomowoc	WI	PE	14937
Barlage, Curtis Dean	Minneapolis	MN	PE	14938
Bradley, Kevin Wayne	Edmond	OK	PE	14897
Brookbank, Brandon Alexander	Akron	OH	PE	14939
Brown, Dylan Thomas	West Fargo	ND	PE	14898
Childress, Kerry Perrillo	Fort Collins	CO	PE	14899
Emnott, Jackson	Arvada	CO	PE	14900
Eshenaur, Walter	New Brighton	MN	PE	14940
Feller, Scott F.	Dayton	OH	PE	14941
Firestone, Howard E.	Arlington Heights	IL	PE	14901
Ford, Matthew	Saint Louis	MO	PE	14942
Freeberg, Jesse	Hopkins	MN	PE	14902
Gordon, Richard	Farmville	VA	PE	14943
Gottwalt, Jason Ray	Cottage Grove	MN	PE	14944
Gustafson, Kristin DeWeese	Sammamish	WA	PE	14945
Hallman, David S.	Evergreen	CO	PE	14903
Hausman, Lindsay	Springfield	IL	PE	14904
Hayes, Michael J.	Centennial	CO	PE	14905
Heigley, Andrew Steven	Sunbury	OH	PE	14946
Holmbeck, Aaron John Zohrab	Sibley	IA	PE	14952
Hudock, John	West Allis	WI	PE	14906
Jaafar, Abdou	Tulsa	OK	PE	14907
Johnson, Lewis Elias	Champlin	MN	PE	14908
Jording, Alexander Charles	Arvada	CO	PE	14909
Klaas, Stephen Richard	Scottsbluff	NE	PE	14910
Komar, Thomas Robert	Danville	PA	PE	14911
Konieczny, Samuel	Golden Valley	MN	PE	14912
Malloy, Jennifer	Bismarck	ND	PE	14954
Martinez, Eduardo D.	Denver	CO	PE	14914
Mayuga, Onofre Landicho	Alpharette	GA	PE	14915
Mitchell, Grant	West Chester	OH	PE	14916
Mouritzen, Glenn Axel	San Diego	CA	PE	14917
Ness, Christine Ann	Anchorage	AK	PE	14918
Nielsen, Josh Lynn	Des Moines	IA	PE	14950
Oliver, Lisa	Galloway	NJ	PE	14919
Olmstead, David Wesley	Brentwood	TN	PE	14947

**Board Meeting Comity Report***For Individuals by Comity – Licensed*

Meeting Date: September 18, 2020

Page 2 of 3

<b>Name</b>	<b>City</b>	<b>State</b>	<b>Profession</b>	<b>License #</b>
Palmateer, Joshua James	Centerville	MN	PE	14920
Plankis, Alivia	Parker	CO	PE	14921
Potter-Weight, Alex	Chicago	IL	PE	14922
Riley, John	Clinton	WA	PE	14923
Ross, Nathan Andrew	Tualatin	OR	PE	14924
Schmitt, Matthew Philip	Ankeny	IA	PE	14925
Shatzer, Kyle R.	Minneapolis	MN	PE	14926
Shomion, Michael Joseph	Dayton	MN	PE	14927
Slattery, Susan Allen	Tulsa	OK	PE	14928
Spors, Brian	Lakeville	MN	PE	14929
Staszczuk, Joseph Henry	Bozeman	MT	PE	14930
Udd, Mark Robert	Duluth	MN	PE	14948
Vasu, Ravi Srinivasan	Sugar Land	TX	PE	14931
Vespa, Joseph Steven	Hibbing	MN	PE	14949
Wagner, Coleman	Morrhead	MN	PE	14951
Westphal, Nicholas	Highlands Ranch	CO	PE	14932
Wyatt, Scott Thomas	Chicago	IL	PE	14933



**Board Meeting Comity Report***For Individuals by Comity**Meeting Date: September 18, 2020*Page **3** of **3**

<b>Name</b>	<b>City</b>	<b>State</b>	<b>Profession</b>	<b>Comment</b>
Jensen, Justin	Manson	IA	LS	
Sloan, Rhett	Volant	PA	LS	
Odham, Joseph Todd	Cypress	TX	LS	
Walker, Horace Wayne	DeFuniak Springs	FL	LS	
Beckfield, John William	Fall Creek	WI	PE	
Deng, Yaohua	Ames	IA	PE	
Garcia-Monarez, Paloma	Katy	TX	PE	
Gemperline, Mark C.	Morrison	CO	PE	
Jensen, Kari	Burnsville	MN	PE	
Jensen, Richard Wayne	Kennewick	WA	PE	
Marshall, Lesley Stout	Martinez	CA	PE	
Veenstra, Jared	Tabernash	CO	PE	
Vu, Dung Duc	Houston	TX	PE	
Wright, Michael John	Sanford	FL	PE	

**Board Meeting Firm Report***For Business Licensed*

Meeting Date: September 18, 2020

Page 1 of 2

Company Name	City	State	Profession	License #
3Ten Studio	Wichita	KS	AR	C-8178
Allan Mechanical Inc.	Eden Prairie	MN	PE	C-8192
AMG Inc.	Dayton	OH	PE	C-1272
Applied GeoLogic LLC	Evergreen	CO	PE	C-8190
Blueprint Structural Engineering	Arvada	CO	PE	C-8194
Eide Bailly LLP	Sammamish	WA	PE	C-8207
Golden Forensics, LLC	Golden	CO	PE	C-8191
I.A. Lewin PE & Company	South Euclid	OH	PE	C-8203
ICC NTA, LLC	Nappanee	IN	PE	C-8179
KCI Technologies, Inc.	Sparks Glencoe	MD	PE	C-8193
Keen Project Solutions, LLC	Ankeny	IA	PE	C-8199
Kirkpatrick Forest Curtis PC	Oklahoma City	OK	PE	C-8189
Klaas Structural Engineering, LLC	Scottsbluff	NE	PE	C-8195
Linear Architecture, LLC	Dallas	TX	AR	C-8201
Mark Brogger	Ponca City	OK	PE	C-8208
Meridian Land Surveying, LLC	Yankton	SD	LS	C-8197
Micheel Enterprises, LLC	Sioux Falls	SD	PE	C-8198
Nile, Inc.	Fargo	ND	PE/AR	C-8204
Richard B. Gordon PE	Farmville	VA	PE	C-8206
Sam Gresham Architect, P.C.	Oklahoma City	OK	AR	C-8196
Solutions AEC, LLC	Saint Louis	MO	PE	C-8205
Trails West Architecture	Scottsbluff	NE	AR	C-8202
Victus Engineering, LLC	Minneapolis	MN	PE	C-8200
Western Electrical Services Inc.	Phoenix	AZ	PE	C-8180

**Board Meeting Firm Report***For Business to Approve*

Meeting Date: September 18, 2020

Page 2 of 2

Company Name	City	State	Profession	Comment
Ascent Group, Inc.	Boulder	CO	PE	
Florabama Geospatial Solutions, LLC	West Plains	MO	LS	
MFP Green Design & Build, PLLC	Houston	TX	PE	
Power Grid Engineering, LLC	Lake Mary	FL	PE	
Richard Wayne Jensen	Kennewick	WA	PE	

**Board Meeting Examinee Report***For PE Comity Second Review*

Meeting Date: September 18, 2020

Page   1   of   2  

Name	City	State	Comments
Locke, Wesley Andrew	Dover	OH	
Beal, Glen Eric	Richmond	TX	
Galbavi, Kevin James	Walled Lake	MI	

**Board Meeting Examinee Report***For Firms Second Review*

Meeting Date: September 18, 2020

Page   2   of   2  

Company Name	City	State	Profession	Comment
CE Power Engineered Services, LLC	Cincinnati	OH		
Millerbernd Manufacturing Company	Winsted	MN		

## 2021 meeting dates

- Board Presidents' Assembly: January 29–30, Greenville, South Carolina
- Central Zone: April 29–May 1, Des Moines, Iowa
- Northeast Zone: May 20–22, Newport, Rhode Island
- Southern Zone: April 15–17, Asheville, North Carolina
- Western Zone: May 13–15, Bozeman, Montana
- NCEES annual meeting: August 18–21, New Orleans, Louisiana

## Patterson, Kathryn

---

**From:** Tom Komar  
**Sent:** Thursday, July 30, 2020 5:15 AM  
**To:** Patterson, Kathryn  
**Subject:** RE: [EXT] Comity Application - missing documentation

Good Morning Kathryn Patterson: Thanks for the poke to take the take home exam. I appreciated that. I studied and passed, though I got three answers wrong. It was nice to see that I could submit the answers on line (Nevada for example required it to go through the mail to them with a check in amount of \$50). But better yet, I got to see the questions I got wrong as well as the correct answers and citations! That was awesome and has never happened before for me, so your particular setup is much appreciated. Please advise if you need any other information from me in this important regard. Thanks again. Respectfully, Tom Komar

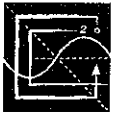
**Tom Komar**  
SME/TECHNICAL MANAGER-2

### COVID-19 RESPONSE

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Find out how we help clients and communities along the path to recovery.



[ramboll.com/covid-19-response](https://ramboll.com/covid-19-response)



# NCEES

*advancing licensure for  
engineers and surveyors*

P.O. Box 1686 (280 Seneca Creek Rd.), Clemson, SC 29633 USA T: (864) 654-6824 NCEES.ORG

## MEMO

**DATE:** August 3, 2020

**TO:** NCEES Board

**FROM:** Marlon W. Vogt, P.E. – Central Zone VP

**RE:** NCEES Board Visit to Missouri Board – St. Louis, MO - July 27<sup>th</sup>, 2020

The Missouri Board met July 27<sup>th</sup> on-site, except for one board member who participated virtually. I was very pleased to be able to safely attend in person.

The board consists of four divisions, and all met separately Monday morning. They entire board reconvened at 2:30 that afternoon in open session. The meeting was held at a DoubleTree hotel in Chesterfield, MO. The hotel and meeting spaces provided all necessary accommodations for COVID 19 social distancing, with masks required in the entire hotel and meeting rooms. I will note that the meeting room for the board was extremely well organized, with plenty of space for the 20 +/- attendees. The meeting room had plenty of microphones, spacing between attendees, hand sanitizer, and amazing snack bowls!

Due to the Missouri Board national experience and involvement, I provided an overview of the following, along with leaving a copy of the entire visit presentation for future reference:

- NCEES Vision/Mission
- Extent of NCEES volunteers and their key roles
- Central Zone officers and 2020-2021 candidates
- Update on HQ and staffing transitions to Greenville
- Ways to get involved with NCEES

Like other states, Missouri continues to monitor and attempt to manage state licensure issues, including:

- Impact of COVID 19 on all legislative initiatives and strategies
- Legislative mandate to accept all out-of-state licensees regardless of their conformity to Missouri code/rules
- Note: out-of-state licensees consistently fail the Missouri-specific surveying exam
- Board is planning a robust agenda for their next meeting in November to address potential post-election licensure strategies

The Missouri MBA report included:

- Positive financial balance
- One remaining surveying member appointment (waiting on Governor to fill)
- COVID challenges to maintaining services while working remotely
- Discussions on future board meetings – option to increase the number of virtual meetings and/or change the format of future meetings/host locations specific due to the need for four division breakout meetings

My thanks to the board for their warm and friendly hospitality and the opportunity to participate in their meeting. I enjoyed and valued the invitation to join several board and staff members for pizza and conversation after the meeting on Monday.

This visit completes my visits to the entire roster of Central Zone licensing boards. Once again, my thanks to the NCEES Board for providing the opportunity and encouragement to make these central zone board visits.





**RECEIVED**

**AUG 11 2020**

**SD BOARD OF  
TECHNICAL PROFESSIONS**

August 10, 2020

Dear Hardrock Supporters,

We are writing to let you know about a data security incident that may have involved your personal information. South Dakota Mines Center for Alumni Relations and Advancement (CARA) takes the protection and proper use of your information very seriously. We are therefore contacting you to inform you about what happened and the steps we are taking to help protect your information and honor our relationship with you.

**What happened?**

On July 16, 2020, CARA was notified by Blackbaud, the company that manages our alumni, advancement and Hardrock Club database software, that it had suffered a ransomware attack resulting in the access and copying of data, including data specific to CARA. Blackbaud chose to pay the ransom with confirmation that the copy the cyber criminals removed had been destroyed. According to Blackbaud: "Based on the nature of the incident, our research, and third party (including law enforcement) investigation, we have no reason to believe that any data went beyond the cybercriminal, was or will be misused, or will be disseminated or otherwise made available publicly."

**What information was involved?**

Blackbaud has assured us that no encrypted files were accessed, but some personally identifiable information was compromised. This information included names, contact information, giving history (if applicable), and alumni association records (if applicable) of our students, alumni, parents, and donors.

**What information was not involved?**

No confidential or financial information (bank accounts, credit card information, etc.) was compromised. We do not enter social security numbers in our system.

**What are we doing?**

We are taking this incident very seriously. Since we received notification, we have been working with Blackbaud to understand the scope of the breach. We are also reviewing our internal policies and procedures regarding data practices and cybersecurity to ensure we continue to safeguard our community data and follow best industry practices.

**For more information**

If you have any questions, please reach out to our University Advancement team at [Foundation-Request@sdsmt.edu](mailto:Foundation-Request@sdsmt.edu).

**Sharon Chontos**  
*Interim President*

South Dakota Mines Center for Alumni Relations and Advancement

## **Patterson, Kathryn**

---

**From:** Vogt, Marlon  
**Sent:** Tuesday, September 1, 2020 12:26 PM  
**Subject:** NCEES Central Zone Update

Good afternoon, everyone!

Here in Iowa we are trying to get rid of destroyed trees, meet with insurance adjusters, and schedule home repairs. Pretty typical early fall day (NOT). ☺

This is a somewhat bittersweet email as the torch is being passed into the capable hands of Mike Drewyor as the new CZ Vice President. I want to congratulate Mike for his willingness to serve, along with Jan Bostelman as the new zone AVP. Dennis Martenson will continue this next year as Secretary Treasurer. The zone will be in very capable hands! I also want to thank Abe Adewale for serving as the AVP the last two years. Working with Abe and Dennis has been both rewarding and enjoyable. Thanks, guys!

The NCEES Board met for our final meeting last week, and as has been my practice, I'll pass on some key discussion points for your information.

### Covid-19 Response

- 25% +/- of NCEES staff is working regularly in the HQ building – the rest continue to work remotely
- Exam development committees are ongoing in virtual mode, and going surprisingly well so far
- Exam scheduling continues to be a continuing challenge, and changes daily
- Related to the exam challenges is a growing effort to potentially figure out remote proctoring – this is being monitored closely by NCEES
- Returning to face-to-face meetings as soon as they are safe continues to be the goal

### HQ Building

- Total project came in 1% under budget (And 1% of a big number is a big number! I learned that at the University of Nebraska!) ☺

### Exams

- Capacity at exam sites is currently at 50% +/- and recovering slowly
- Backlog of CBT exams is flooding PearsonVue sites
- California has closed their sites for now and moved their exams to Nevada

### Outreach

- Staff is learning virtual best-practices
- Virtual presentations at universities are ongoing as much as possible

### ARPL

- This continues to be a very strong partner with NCEES in the ongoing national issue of licensure challenges

In closing, I thank all the Central Zone volunteers and staff for making the last two years a career highlight. I have immensely enjoyed serving the zone and meeting so many of you at the zone board visits. I am pleased that I was able to visit all the zone boards, and miraculously all but two were in person. Thanks again for all the hospitality and great conversations with many of you. I sincerely hope that we can soon start to meet again in person and reconnect, perhaps as soon as the Iowa Interim Zone Meeting in Des Moines next April.

Please understand that what you all do is important work that continues to promote professional licensing for engineers and surveyors as a means to safeguard the health, welfare and safety of the citizens of your respective states. I am confident that you are all up to the future challenges that await.

Thanks, again, my friends, and I hope to see you all again soon!

Mike, it's all yours!

Respectfully,  
**Marlon W. Vogt, PE, F.SEI ASCE**  
**Senior Project Manager**  
**ITC Midwest**  
**123 Fifth Street SE**  
**Cedar Rapids, IA**