

Board Agenda
SOUTH DAKOTA BOARD OF TECHNICAL PROFESSIONS

Thursday, September 19, 2019
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 regularly scheduled meeting
- B. Roll Call
- C. Review of July 19, 2019 Minutes
- D. Public Comments – NCEES Central Zone Vice President, Marlon Vogt
- E. Review of vouchers paid since last meeting
- F. Activities report ending August, Review of Deposits
- G. Investigation reports
 - Case 18-06 Firm – Information requested
 - Case 19-01 Firm – Ethics
 - Case 19-02 PE – Unlicensed practice
 - Case 19-05 PE/AR – Construction Administration
- H. Unfinished Business
 - Action Items
- I. New Business
- J. PDH Audits
- K. Approval of Examinees passing NCEES Examinations (Appendix A)
- L. Approval to take the NCEES Examinations as available (Appendix B)
- M. Approval of Comity applications (Appendix C)
- N. Approval of Business applications (Appendix D)
- O. Review previous applications (Appendix E)
- P. Annual, zone, & upcoming meetings
 - Travel Matrix
- Q. Correspondence
- R. Adjournment

Meeting Minutes
SOUTH DAKOTA BOARD OF TECHNICAL PROFESSIONS

Friday, July 19, 2019
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 regularly scheduled meeting
- B. Roll Call

Members present: Chairman Jeff Nelson, Vice Chairman Steve Thingelstad, Secretary Colby Flynn, Dennis Micko, Steve Peters, and Steve Williams.

The board extended a warm welcome to Colby Flynn, the board's new Public Member.

Members absent: Mike Albertson

Others present: Guests Angela Lammers AIA SD, Bruce Jenner SDES, and Tanya Olson NDC ASLA, and Staff members Kathryn Patterson, Lorrie Thompson, and Susan Neuf. Staff Attorney Graham Oey attended by phone.

- C. Review of May 17, 2019 Minutes

Micko made a motion to approve the May 17, 2019 Minutes. Williams seconded the motion. **MOTION PASSED**

- D. Public Comments

Brian Jenner spoke about the SDES Fall Conference on October 3rd and requested a member of the board speak at the conference

Tanya Olson spoke about the "Design in the Hills 2019" event

Angela Lammers spoke about the AIA South Dakota Annual meeting September 12th and 13th and requested a member of the board speak at the meeting. She also talked about the "Design in the Hills 2019" event and the AIA South Dakota Scholarship fund

- E. Review of vouchers paid since last meeting

The board reviewed the vouchers paid since last meeting and found everything to be in good order.

- F. Activities report ending June, Review of Deposits, Financials

The board reviewed the Activities report, Deposits, and Financials and found everything to be in good order.

- G. Investigation reports

Case 18-06 Firm – Information requested – Waiting for information

Case 19-01 Firm – Ethics – Waiting for information

Case 19-02 PE – Unlicensed practice – Waiting for information

Case 19-04 AR – Failure to respond to audit - Closed

Case 19-05 PE/AR – Construction Administration – Waiting for information

H. Unfinished Business

Action Items

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

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

Item 3: Comity Licensure 36-18A-35 – Update to allow qualifying experience after initial licensure

Peters made a motion, seconded by Thingelstad to accept the language as written in the proposed change to 36 18A 35. **MOTION PASSED**

*Add Item: 36 18A 46.1 Completion of work - Successor Licensee – Nonprofessional services and 36 18A 47 Office to have appropriately licensed person in charge. Review/Rework language.

*Add Item: Research holding board meeting at SDSU in March & SDSM&T in September - Effort to reach out and educate students on how the board operates.

*Add Item: Scholarship partner request from AIA South Dakota. Research how something like this could be setup to benefit all professions regulated by the board.

I. New Business

NCARB Update

NCEES Surveying Education Award

NCARB BOD Brief

CLARB Update

NCEES Engineering Education Award

The board briefly discussed each of the above topics

J. PDH Audits

New Audits: Justin Paul Allen, R; William O. Armour, PE; Michelle M. Burke, PE; William Henry Dolinar, LS; Iqbal A. Gagan, PE; Troy L. Hayes, LS; Michael George Huber, AR; Russell J. Jensen, PE; Kenneth James Mackenzie, AR; Richard Allen Obertino, AR; Jason Matthew Page, LS; Gregory S. Powell, PE; Frederick Paul Wilson, PE.

Micko made a motion, seconded by Thingelstad to approve the audit of Justin Paul Allen, R. **MOTION PASSED**

Micko made a motion, seconded by Thingelstad to approve the audits of William O. Armour, PE; Michelle M. Burke, PE; Iqbal A. Gagan, PE; Gregory S. Powell, PE; and Frederick Paul Wilson, PE. **MOTION PASSED**

Micko made a motion, seconded by Thingelstad to deny the audit of Russell J. Jensen, PE. **MOTION PASSED**

Peters made a motion, seconded by Thingelstad to approve the audits of William Henry Dolinar, LS; Troy L. Hayes, LS; and Jason Matthew Page, LS. **MOTION PASSED**

Williams made a motion, seconded by Nelson to approve the audits of Michael George Huber, AR; Kenneth James Mackenzie, AR; and Richard Allen Obertino, AR. **MOTION PASSED**

Previous Audits: Colleen Ward Atwood, AR; Calvin O. Heinly, LS; Ryan Christopher Hoel, PE; Toby Alan Maxwell, PE; Matthew P. Peramaki, PE.

Colleen Ward Atwood, AR and Matthew P. Peramaki, PE are pending receipt of additional information.

Peters made a motion, seconded by Thingelstad to approve the audit of Calvin O. Heinly, LS. **MOTION PASSED**

Micko made a motion, seconded by Thingelstad to approve the audits of Ryan Christopher Hoel, PE and Toby Alan Maxwell, PE. **MOTION PASSED**

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

Micko made a motion, seconded by Thingelstad, for approval of the examinees passing the Fundamentals of Engineering (FE) Exam. **MOTION PASSED**

Name	Certificate #	Exam
Greeneway, Evan Jon	E-12734	FE
Fuhrmeister, Michael	E-12735	FE
Reynhout, Nathan Zachary	E-12736	FE
Behrens, Reid Allen	E-12740	FE
Brenden, Jason	E-12741	FE
Fusselman, Jared Dean	E-12742	FE
Bode, Gideon Grant	E-12743	FE
Joachim, Brian Anthony	E-12744	FE
Green, Quintan Evan	E-12745	FE
Fleck, Jacob James	E-12746	FE
Mansfield, Michael	E-12747	FE
Lund, Kevin James	E-12748	FE
Miesen, Jeffrey	E-12749	FE
Ray, Abhishek	E-12750	FE

Name	Certificate #	Exam
Hiller, Zane Lee	E-12751	FE
Martin, John	E-12752	FE
Holkeboer, Benjamin	E-12753	FE
Bras Da Silva, Sandiele	E-12754	FE
Schlag, Zachary Scott	E-12755	FE
Kaufman, Jason	E-12756	FE
Conley, Brandon L.	E-12757	FE
Mackey, Matthew Dean	E-12758	FE
O'Gorman, Ryan Thomas	E-12759	FE
Hage, Kinslee	E-12760	FE
Schoenefeld, Donovan Matthew	E-12761	FE
Dai, Peng	E-12762	FE
Haynes, Nicholas Michael	E-12763	FE
Lowrey, Alicia Jean	E-12764	FE
Seifert, John	E-12765	FE
Goddard, Chase	E-12766	FE
Veri, Collin Ryan	E-12767	FE
Skogen, Westley	E-12768	FE

Peters made a motion, seconded by Thingelstad, for approval of the examinees passing the FLS Exam. **MOTION PASSED**

Name	Certificate #	Exam
Arndt, Taylor Wilson	S-12737	FS
Deeter, Alex	S-12738	FS
Healy, Colin James	S-12739	FS

Micko made a motion, seconded by Thingelstad, for approval of the examinees passing the Principles of Engineering (PE) Exam. **MOTION PASSED**

Name	#	Exam
Bestgen, Janile	14310	PE
Gutzmer, Zach D.	14311	PE

Name	#	Exam
Johnson, Shannon Leo	14312	PE
Kurtenbach, Kariah Lynn	14313	PE
Martens, Miriam	14314	PE
Pinkley, Corey J.	14315	PE
Reimnitz, Jedidiah Paul	14316	PE
Schroeder, Bruce Alvin	14317	PE
Smith, Sidney L.	14318	PE
Welch, Michael John	14319	PE
Harens, James Charles	14320	PE
Morgord, Teri Jean	14321	PE

Peters made a motion, seconded by Thingelstad, for approval of the examinees passing the PLS Exam. **MOTION PASSED**

Name	License #	Exam
Feilmeier, David Alan	14324	PS

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

Micko made a motion, seconded by Thingelstad, for approval of the examinees to take the Fundamentals of Engineering (FE) Exam as available. **MOTION PASSED**

Name	Exam
Schmidt, Albert	FE
Trence, Nathan Alexander	FE
Yang, Guang	FE
Zettl, Tyler	FE

Micko made a motion, seconded by Thingelstad, for approval of the examinees to take the Principles of Engineering (PE) Exam as available. **MOTION PASSED**

Name	City	State
Buckmiller, Jake Ryan	Tea	SD
Cazer, Tallon Lee	Garretson	SD
Ekdorn, Dane	Sioux Falls	SD
Hamilton, Christopher Jan	Sioux Falls	SD
Herman, Thomas W.	Wahpeton	ND
Huntley, Justin John	Rapid City	SD
Lampe, Brandon Charles	Spearfish	SD
Larson, Benjamin	Sioux Falls	SD
Nielsen, Matthew	Mitchell	SD
Pataky, Kody	Sioux Falls	SD
Rajchel, Eric Andrew	Ramsey	MN
Robinson, Matthew Gary	Sioux Falls	SD
Strubel, Thomas Michael	Fort Pierre	SD
Valenti, Joshua Allan	Olathe	KS

M. Approval of applicants by Exam (Appendix C)

Micko made a motion, seconded by Thingelstad, for approval of the examinees passing the Petroleum Release Assessors/Remediators (PR) Exam. **MOTION PASSED**

Name	City	State	Profession
Albrecht, Noah	Loveland	CO	A
Christenson, Jacy Kay	Shoreview	MN	R
Fodness, Mark Scott	Sioux Falls	SD	A
Pukal, Nathan	Robbinsdale	MN	A

N. Approval of Comity applications (Appendix D)

Williams made a motion, seconded by Nelson, for approval of the Architect (AR) by Comity applications. **MOTION PASSED**

Name	City	State	Profession	License #
Bartram, Kevin J.	Fargo	ND	AR	14334
Burke, Michael	Billings	MT	AR	14335
Edwards, Tahir	Jacksonville	FL	AR	14325
Gehr, Robert Joseph	Montoursville	PA	AR	14326
Herron, Laura Beth	Shawnee	KS	AR	14332
Hoopingarner, Michael R.	Indianapolis	IN	AR	14327
Lynch, Laura	Sioux Falls	SD	AR	14333
Molsberry, Matthew Merrill	Tustin	CA	AR	14336
Olesak, Thomas A.	St. Paul	MN	AR	9335
Rogge, Craig DeRoy	Raymore	MO	AR	14328
Rookstool, Kyle Alan	Humboldt	TN	AR	14329
Wilson, Edward James	Wichita	KS	AR	14330

Williams made a motion, seconded by Micko, for approval of the Landscape Architects (LA) by Comity applications. **MOTION PASSED**

Name	City	State	Profession	License #
Weissenborn, Karl	Lakeville	MN	LA	14331

Micko made a motion, seconded by Thingelstad for approval of the Professional Engineer (PE) by Comity applications. **MOTION PASSED**

Name	City	State	Profession	License #
Agawa, Darron Keith	Branson	MO	PE	14337
Annessi, Frank Hurst	Conyers	GA	PE	14338
Apperson, Alexander Mills	Lakeland	TN	PE	14339

Name	City	State	Profession	License #
Briggs, Douglas Ryan	Holly Springs	NC	PE	14340
Burke, Brian Andrew	Plymouth	MN	PE	14341
Cahill, Jr., Richard P.	New Orleans	LA	PE	14342
Channels, Delbert James	Clinton	OH	PE	14343
Clandening, Kurtis James	Santa Monica	CA	PE	14344
Culler, Kenneth Aaron	Belmont	NC	PE	14345
Day, Garrett	Jackson	MI	PE	14346
Dunn, Timothy Grover	Roswell	GA	PE	14376
French, Cody Randall	Katy	TX	PE	14347
Frumkin, Mitchell H.	Kendall Park	NJ	PE	14388
Goldsby, Philip Andrew	Durham	NC	PE	8156
Grosser, Paul Walter	Sayville	NY	PE	14348
Hernandez, David Christopher	Cincinnati	OH	PE	14383
Hershberger, Nicholas	Burbank	OH	PE	14349
Ireland, John Edwin	Agoura Hills	CA	PE	14350
Kelley, Brittney Deann	Elkhorn	NE	PE	14351
Kinslohr, James L.	Kirkwood	MO	PE	14352
Larsen, Jed B	Plano	TX	PE	14353
Lunde, Allison	Chaska	MN	PE	14354
Lynne, Seth Nels	Fargo	ND	PE	14355
Manske, Kyle	Broomfield	CO	PE	14356
Marshall, Evan I.	Katy	TX	PE	14357
McWilliams, Duane William	Oconomowoc	WI	PE	14358
Meredith, William Frederick	Rapid City	SD	PE	14359

Name	City	State	Profession	License #
Meyer, Chad D.	Phoenix	AZ	PE	14360
Middaugh, Scott	Fargo	ND	PE	14361
Millies, Robert	Osseo	MI	PE	14377
Montes-Amoros, Adrian Vicente	Leesburg	VA	PE	14378
Myles, James Ross	Oklahoma City	OK	PE	14362
Nerurkar, Arvind Krishna	Woodinville	WA	PE	14363
Nickodem, Evan	Jackson	WI	PE	14364
Occenad, Nathanael	Raleigh	NC	PE	14379
Paris, Rahul	Annapolis	MD	PE	14380
Perry, John Peter	Glenside	PA	PE	14365
Pies, Nathan J.	Gilbert	AZ	PE	14381
Raab, Jonathan David	York	PA	PE	14366
Seifert, Sage Sunrey	Evansville	IN	PE	14382
Senyurekli, Ahmet	New Hope	MN	PE	14367
Shaw, Jerod	Portland	OR	PE	14368
Sheets, Russell	Spring Creek	NV	PE	14369
Shoss, Gregory Huffman	Littleton	CO	PE	14370
Siljenberg, Brian	Minneapolis	MN	PE	14371
Sundberg, Ryan	Minneapolis	MN	PE	14372
Sutko, Nicholas James	Omaha	NE	PE	14373
Venzke, Andrew Ryan	Ankeny	IA	PE	14374
Zeirke, John Daniel	Blaine	MN	PE	14375

O. Approval of Business applications (Appendix E)

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

Company Name	City	State	Profession	License #
20/20 Engineering, Inc.	Louisville	CO	PE	C-7991
Absaroka Energy & Environmental Solutions	Buffalo	WY	PE	C-7982
CFI Companies Inc.	Houston	TX	PE	C-7988
Coleman Engineering Company	Iron Mountain	MI	LS	C-7978
Dunn Laboratories, Inc.	Roswell	GA	PE	C-7996
Electrical Power & Safety Co.	Medina	MN	PE	C-8000
Frontier-Kemper Constructors, Inc.	Evansville	IN	PE	C-7998
George Butler Associates, Inc.	Lenexa	KS	AR	C-7979
GTA Energy, LLC	Abingdon	MD	PE	C-7994
HGFA – Architects, PLLC	Billings	MT	AR	C-7984
Kipcon Inc.	North Brunswick	NJ	PE	C-7997
Lloyd Companies, Inc.	Sioux Falls	SD	AR	C-7981
Lonza (Arch Wood Protection)	Conley	GA	PE	C-7987
Mutchler Bartram Architects PC	Fargo	ND	AR	C-7983
Myrtha Pools USA	Sarasota	FL	PE	C-7990
Pioneer Design & Engineering, PLLC	Gilbert	AZ	PE	C-7997
P.W. Grosser Consulting, Inc.	Bohemia	NY	PE	C-7989
PlainJoe Studios Architecture, Inc.	Corona	CA	AR	C-7985
Property Answer, LLC	Tyndall	SD	AR	C-7986
Smith LaSalle, Inc.	Western Springs	IL	PE	C-7999
Tri-M Engineering	Rapid City	SD	PE	C-7992

Company Name	City	State	Profession	License #
Via Rail Engineering Inc.	Maribel	WI	PE	C-7993
Williams Scotsman Inc.	Baltimore	MD	PE	C-7980

P. Review previous Examination applications (Appendix F)

Micko made a motion, seconded by Thingelstad, for approval of the following Professional Engineer (PE) application on second review. **MOITON PASSED**

Name	City	State
Palmer, Steven Clare	Pierre	SD

Q. Annual, zone, & upcoming meetings - Travel Matrix
 NCARB Annual Business Meeting – Recap
 NCEES Annual Business Meeting – August

R. Correspondence
 Governor memo regarding July 5
 AIA – South Dakota – Scholarship partner request
 NCEES – Software update

The board briefly discussed each of the above topics

S. Adjournment

Micko made a motion, seconded by Thingelstad to adjourn the meeting. **MOTION PASSED**

There being no further business, at the hour of 10:08 a.m. Mountain Time the Board meeting of the South Dakota Board of Technical Professions adjourned.

Kathryn Patterson
 Executive Director

Submitted by Susan Neuf, Secretary, SDBTP

NCEES OVERVIEW

South Dakota Board Visit

September 19, 2019



NCEES
*advancing licensure for
engineers and surveyors*

Overview

- Vision and mission
- Organizational structure
- Committees, task forces, and annual meeting
- Getting involved with NCEES
- Other topics



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VISION AND MISSION



NCEES
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engineers and surveyors*

Vision and mission

- Provide leadership in professional licensure of engineers and surveyors through excellence in uniform laws, licensing standards, and professional ethics in order to safeguard the health, safety, and welfare of the public and to shape the future of professional licensure.
- Advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public.



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ORGANIZATIONAL STRUCTURE



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Organizational structure

- 69 member licensing boards
- Four zones
 - Central (17 boards)
 - Northeast (20 boards)
 - Southern (17 boards)
 - Western (15 boards)



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Board of directors

- President
- President-elect
- Immediate past president
- Treasurer
- Four zone vice presidents (one from each zone)

Zone officers

- Zone vice president
- Zone assistant vice president
- Secretary-treasurer



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Volunteers

- The key to the success of NCEES is the tremendous level of participation from hundreds of highly qualified individuals.
 - Approximately 900 member board members
 - Approximately 800 exam development volunteers

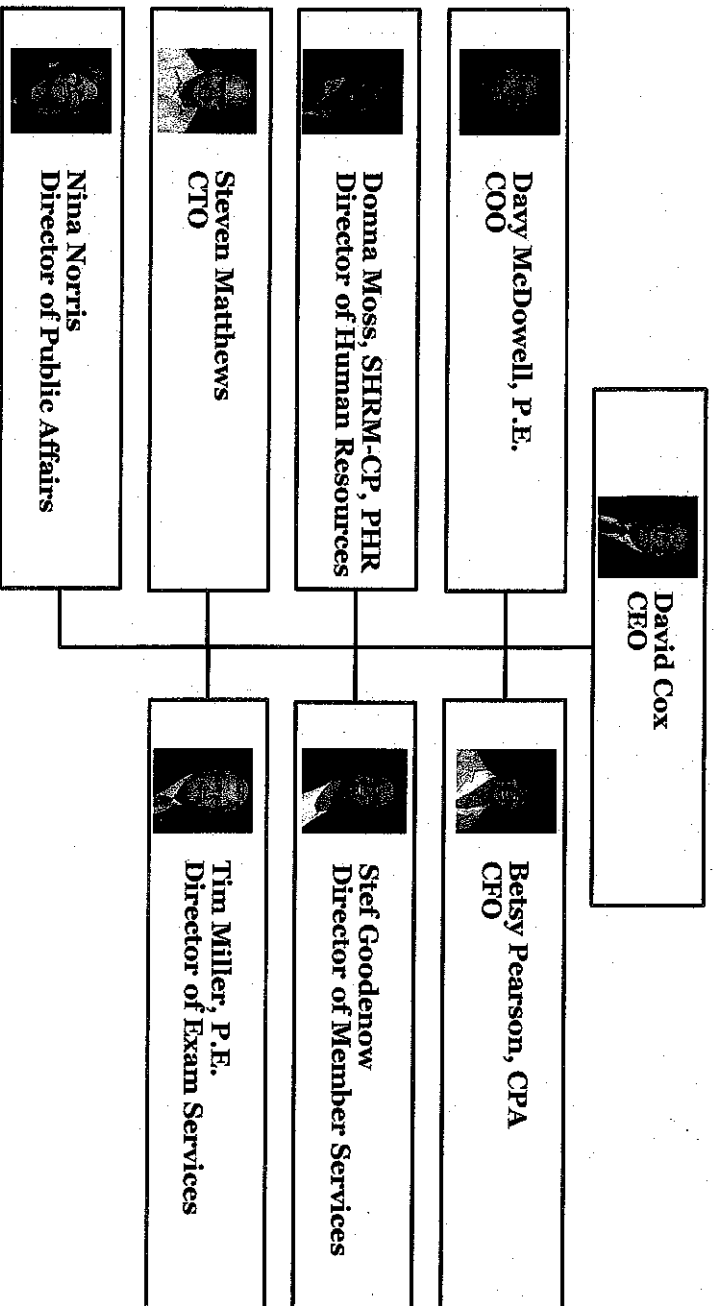
Staff

- 74 staff members
- Eight divisions (administration, client services, exam services, finance, human resources, IT, member services, public affairs)
- Headquartered in Clemson, South Carolina (moving to Greenville, S.C., in spring 2020)



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NCEES senior staff



NCEES products and services

- Exam development, scoring, and publications
- Exam administration services
- Records, International Registry
- Credentials evaluations
- CPC tracking
- Meetings
- Marketing, outreach, and communications
- MyNCEES (customer database)
- E3 (board web interface)



NCEES

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COMMITTEES, TASK FORCES, AND ANNUAL MEETING

NCEES committees and task forces

- Advisory Committee on Council Activities
- Awards
- Education
- Examination Audit
- Examination Policy and Procedures
- Examinations for Professional Engineers
- Examinations for Professional Surveyors
- Finances
- Law Enforcement
- Member Board Administrators
- Uniform Procedures and Legislative Guidelines
- Special Committees (Bylaws) and Task Forces



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Annual meeting

- Council votes on motions (one vote per board) from NCEES committees, task forces, the board of directors, and individual boards.
- 2019–20 task forces
 - Public Outreach Task Force

2019–20 committee and task force reports

- Final reports will be posted on nces.org/ annual_meeting and on MyNCEES/Board Resources/annual meeting by July 1.



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GETTING INVOLVED WITH NCEES

What next? Getting involved

- You *are* involved in NCEES through your member board.
- Participate in zone meetings.
- Attend the NCEES annual meeting.



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Getting involved

- Committees and task forces
 - President-elect appoints committee members from among volunteers.
 - Respond to president-elect's survey to all member board members.
- Zone and national officers
- Exam development
- Speakers Link

For more information

- Speak with another member of your board, your zone vice president, or a member of the NCEES board of directors.
- Contact the NCEES CEO, COO, or any NCEES staff member.
- Visit the NCEES website (ncees.org), especially the Member Resources/Board Resources section.



NCEES
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engineers and surveyors



home about engineering surveying licensure news contact

Log in or create your account

NCEES customers

MyNCEES is a resource for those wishing to proceed with

- Exam registration
- NCEES Records
- License and exam verifications
- Credentials evaluations
- CPC tracking

MyNCEES

Browse the frequently asked questions to learn more.

NCEES members

Member Resources is a management tool for those who are

- Member board administrators
- Member board members
- Member board staff
- Enforcement officials
- NCEES volunteers

Member Resources

E3 System



National Council of Examiners for Engineering and Surveying®
280 Seneca Creek Road

About

NCEES is a national non-profit organization dedicated to advancing professional licensure for engineers and surveyors. It develops, administers and scores the examinations used for professional licensure.

Board resources

- Acronyms
- Annual meeting
- Apparel store
- Awards
- Board of directors
- Board Presidents' Assembly
- Calendar of NCEES events and meetings
- Enforcement
- Exam updates
- Foreign travel
- History
- International engineering protocols
- MBA meeting
- MBA webinar series
- Member information update forms
- New member information
- Publications and presentations
- Outreach
- Resources for new members
- Rosters (additional login required)
- Committees
- Enforcement
- MBAs
- Staff directory
- Volunteer
- Zones

Chat now

THREATS TO PUBLIC PROTECTION



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Types of deregulation efforts

- Right to Engage in a Lawful Occupation Act
 - Legislation that seeks to use least restrictive means of regulating occupations
- Nothing
- Registration
- Certification
- Licensure

Types of deregulation efforts

- Sunset reviews
- Increased oversight of licensing boards
- Attempts to consolidate boards, weaken board powers, or eliminate boards
- Executive orders
- Compacts

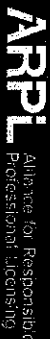


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Alliance for Responsible Professional Licensing

- Coalition of national associations representing highly complex, technical professions
- Created to ensure unified voice for advanced professions

- ResponsibleLicensing.org



ARPL Alliance for Responsible Professional Licensing

Rigorous for a reason

As a standards-driven coalition, ARPL is a leading voice for many professions. ARPL is a coalition of national associations representing highly complex, technical professions. ARPL is a coalition of national associations representing highly complex, technical professions. ARPL is a coalition of national associations representing highly complex, technical professions.

RESPONSIBLE LICENSING MATTERS



KEEPING THE PUBLIC SAFE

Professionals licensing protects the public by ensuring a baseline level of professional competence and expertise, which helps protect consumers from the risks of unqualified professionals. Licensing also helps ensure that professionals are held accountable for their actions and that the public has access to the specialized knowledge needed to evaluate qualifications and performance.



HELPING PROFESSIONALS GROW

Responsible professional licensing creates a defined pathway for professionals to advance their careers. It helps level the playing field by ensuring that all professionals are held to the same standards of excellence. Licensing also establishes consistency of expectations within professions, so professionals can move from state to state and continue practicing.



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What can we do?

- Take advantage of NCEES resources.
 - *Model Law and Model Rules*
 - Records program
 - MLE, MLS, and MLSE designations
 - E3 customer management system
 - CPC Registry
 - Personal assistance by NCEES staff



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NCEES SURVEYING EXAMINATIONS

Fundamentals of Surveying (FS) Exam

- 6-hour exam that includes tutorial and break (5 hours and 20 minutes of actual exam time)
- 110 questions
- \$175 exam fee
- The current specification can be found at the following:
 - https://ncees.org/wp-content/uploads/FS-January-2014_ranges.pdf
- A new specification of the exam will go into effect July 1, 2020 (new specification to be posted 6 months prior to launch)



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Principles and Practice of Surveying (PS) exam

- 7-hour exam which includes tutorial and break (6 hours of actual exam time)
- 100 questions
- \$300 exam fee
- The current specification can be found at the following:
 - https://ncees.org/wp-content/uploads/PS-Jan2019_CBT_final.pdf

Potential changes to the PS exam

- At the 2019 annual meeting, NCEES delegates passed a motion from the Surveying Exam Module Task Force to direct the Committee on Examinations for Professional Surveyors to restructure the PS exam into the following separately scored divisions:
 - Core PS
 - Boundary
 - PLSS
 - Mapping science/topography
 - Incidental drainage design
- Each member board would decide which divisions are necessary for licensure in their jurisdiction.



NCEES

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Potential changes to the PS exam

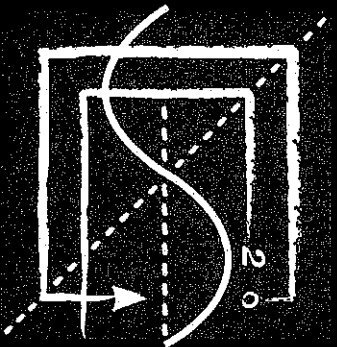
- EPS will
 - Review the report from the task force
 - Enlist psychometric consultants to determine the volume of candidates and questions needed per division to make the exam psychometrically defensible
 - Work on potential timetable for implementation taking into account the next PAKS cycle
 - Work with the Committee on Finances to determine potential costs of each division
 - Report back to the Council

Potential impacts from the change

- Changes to state rules/regulations/laws
- State-specific exams
- Mobility
- Costs (to NCEES and examinees)



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NCCEES
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engineers and surveyors*

ACTIVITIES REPORT FOR THE YEAR 2019

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	5	3	8	127	777	904	1	0	1	21	51	72	110	285	395	950	3443	4393	1	1	2
2/28	5	3	8	127	806	933	1	0	1	21	54	75	111	288	399	946	3554	4500	1	1	2
3/31	5	3	8	127	797	924	1	0	1	21	53	74	111	291	402	945	3553	4498	1	1	2
4/30	5	3	8	127	810	937	1	0	1	21	55	76	111	291	402	946	3543	4489	1	1	2
5/31	5	3	8	127	807	934	1	0	1	21	56	77	112	289	401	966	3550	4516	1	1	2
6/30	5	3	8	129	809	938	1	0	1	21	56	77	111	288	399	962	3551	4513	1	1	2
7/31	6	5	11	128	800	928	1	0	1	21	54	75	111	288	399	961	3577	4538	1	1	2
8/31	6	5	11	127	815	942	1	0	1	21	55	76	112	287	399	957	3589	4546	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			REMEDIATOR			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	51	13	64	1	1	2	14	5	19	18	20	38	1299	4600	5899	271	2080	2351
2/28	0	1	1	51	13	64	1	1	2	14	5	19	19	23	42	1297	4749	6046	277	2150	2427
3/31	0	1	1	51	13	64	1	1	2	14	5	19	19	23	42	1296	4741	6037	274	2129	2403
4/30	0	1	1	51	13	64	1	1	2	14	5	19	18	22	40	1296	4745	6041	276	2137	2413
5/31	0	1	1	51	13	64	1	1	2	14	5	19	18	20	38	1316	4747	6063	277	2139	2416
6/30	0	1	1	51	13	64	1	1	2	14	5	19	18	20	38	1314	4748	6062	279	2133	2412
7/31	0	1	1	51	13	64	1	1	2	14	5	19	18	21	39	1313	4766	6079	279	2125	2404
8/31	0	1	1	51	13	64	1	1	2	14	5	19	18	21	39	1309	4792	6101	278	2135	2413
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	2351	2427	2403	2413	2416	2412
Active	5899	6046	6037	6040	6063	6062
Inactive	249	249	248	247	250	247
Retired	198	198	197	198	197	196
TOTAL	8697	8920	8885	8898	8926	8917

	JULY	AUG	SEPT	OCT	NOV	DEC
Business	2404	2413	0	0	0	0
Active	6079	6101	0	0	0	0
Inactive	244	243	0	0	0	0
Retired	194	194	0	0	0	0
TOTAL	8921	8951	0	0	0	0

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
2	01/18/2019	Marketing and Outreach	Newsletter, etc.	Board/Staff	Fact Gathering stage
3	03/15/2019	Comity Licensure 36-18A-35 and ARSD 20:38:34:03	Update to allow qualifying experience after initial license	Board/Legal Counsel/Staff	Fact Gathering stage
4	07/19/2019	Successor licensee 36-18A-46.1	Reward to be not onerous to licensee that completes project in absence of original licensee	Board/Legal Counsel/Staff	Fact Gathering stage

09/05/2019

DRAFT

RESOLUTION OF COOPERATION
to Facilitate Interstate Licensure for
Professional Engineers and Professional Surveyors

- WHEREAS, The National Council of Examiners for Engineering and Surveying (NCEES) is a national organization created by state licensing boards in 1920 to facilitate professional licensing mobility and promote uniformity of the U.S. licensure processes through services for its member licensing boards and licensees; and
- WHEREAS, The NCEES' members are the engineering and surveying licensure boards from all 50 states, the District of Columbia, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands; and
- WHEREAS, The mission of NCEES is to advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public; and
- WHEREAS, The NCEES Model Law, Model Rules, and Manual of Policy and Position Statements are publications adopted by the membership of NCEES; and
- WHEREAS, The adopted model licensure concepts within these publications set a common standard for licensure mobility and portability among its member boards to facilitate an efficient, streamlined, expedited administrative procedure and approval process; and
- WHEREAS, Alignment of licensure processes and requirements is imperative to facilitate portability of licenses between member boards of NCEES; and
- WHEREAS, Increased licensure portability aligns with government initiatives to diversify economies and support economic growth; and
- WHEREAS, In the absence of licensure portability efforts, barriers to licensure can remain in variable state laws, rules, administrative procedures and approval processes; and
- WHEREAS, Barriers to licensure, whether perceived or real, threaten the health, safety and welfare of the public by the potential for legislative action that erodes professional licensing regulation and may also perpetuate or introduce unnecessary bureaucratic processes that an applicant must undertake, which potentially could become barriers to employment; and
- WHEREAS, It is recognized that some member boards may have challenges, such as staffing or obtaining authority to revise statutes and rules which may impede streamlined processes; and
- WHEREAS, The NCEES will commemorate 100 years of advancing licensure through the licensing of professional engineers and land surveyors in 2020; therefore, be it

RESOLVED, That the following signatories agree to license a NCEES Model Law comity applicant that meets national standards in the most expeditious manner available within the scope of current state licensing laws and rules; and furthermore be it

RESOLVED, That signatory boards are committed to identifying and working to remove barriers to licensure portability and mobility which are not in the best interest of the public and not required to fulfill the mission of safeguarding the health, safety, and welfare of the public; and furthermore be it

RESOLVED, That signatory boards are committed to work towards revising current licensing laws, rules, and policies to allow for more streamlined approval processes for NCEES Model Law applicants and other qualifying applicants in my state or jurisdiction; and furthermore be it

RESOLVED, That signatory boards are committed to minimizing or eliminating unnecessary state or jurisdiction specific licensure requirements.

The undersigned hereby certifies that he/she is the duly qualified member board representative to serve as signatory of this Resolution of Cooperation and resolves to complete these efforts by 2020 to coincide with the 100th anniversary of NCEES at its annual meeting.

Patterson, Kathryn

From: Ken Fuller (Basecamp) <notifications@3.basecamp.com>
Sent: Monday, August 26, 2019 4:05 PM
To: Patterson, Kathryn
Subject: Re: [EXT] (MBA Link) Resolution of Cooperation

Good afternoon,

The title of the proposed resolution "RESOLUTION OF COOPERATION to Facilitate Interstate Licensure for Professional Engineers and Professional Surveyors" meets NCEES' mission and vision (which has been accepted by the member boards). **However, the language in the agreement moves beyond the mission and vision of NCEES, as well as the title of the resolution, by extending into Global markets and portability.** If we are asking our State Boards and our State lawmakers to tackle international portability in our laws and processes then I believe NCEES, as a full membership, should be providing well vetted changes to our mission and vision. I have spoken to our AG's office regarding the proposed resolution (which unilaterally changes NCEES's mission and vision) and we will not be signing it.

However, if the intent of the resolution is to work together as member boards to recommit to our mission and vision to remove barriers between member states then the language I proposed is to that point.

DRAFT

RESOLUTION OF COOPERATION

to Facilitate Interstate Licensure, mobility, for

Professional Engineers and Professional Surveyors

WHEREAS, The National Council of Examiners for Engineering and Surveying (NCEES) is a national organization created by state licensing boards in 1920 to facilitate professional licensing mobility and promote uniformity of the U.S. licensure processes through services for its member licensing boards<<https://ncees.org/licensing-boards/>> and licensees; and

WHEREAS, The NCEES' members are the engineering and surveying licensure boards<<https://ncees.org/licensing-boards/>> from all 50 states, the District of Columbia, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands; and

WHEREAS, The vision of NCEES is to provide leadership in professional licensure of engineers and surveyors through excellence in uniform laws, licensing standards, and professional ethics in order to safeguard the health, safety, and welfare of the public and to shape the future of professional licensure; and

WHEREAS, The mission of NCEES is to advance licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public. This mission is supported through its member boards, board of directors, staff, board administrators, and volunteers by:

- Providing outstanding nationally normed examinations for engineers and surveyors
- Providing uniform model laws and model rules for adoption by member boards
- Promoting professional ethics among all engineers and surveyors
- Coordinating with domestic and international organizations to advance licensure of all engineers and surveyors; and

WHEREAS, The NCEES will commemorate 100 years of advancing licensure through the licensing of professional engineers and land surveyors in 2020; therefore, be it

RESOLVED, That the following signatories affirm the NCEES Vision and Mission statement are acceptable and agree to review and advocate for revisions of our statutes and rules to reduce barriers to mobility of interstate licensure for professional engineers and land surveyors.

Alternative Resolution provided by Ken Fuller – State of Washington – Board of Registration for Professional Engineers and Land Surveyors - “We do what is right all of the time”

FY20 NCARB Volunteer Appointments Region 5

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FY20 NCARB VOLUNTEER OVERVIEW

Service on an NCARB committee is a rewarding way to contribute to the development of policies that impact the licensure process and the continued protection of the public. Service for the upcoming year begins July 1, 2019 through June 30, 2020. This year, President Terry Allers appointed volunteers to the following committees, work groups, and Task Forces:

- ARE 5.0 Case Study Subcommittee
- Are 5.0 Item Development Subcommittee
- Audit Committee
- Business Continuity Exam Construction & Evaluation
- Business Continuity Exam Practice Management Workgroup
- Business Continuity Exam Programming & Analysis Workgroup
- Business Continuity Exam Project Development & Documentation Workgroup
- Business Continuity Exam Project Management Workgroup
- Business Continuity Exam Project Planning and Design Workgroup
- Certification Alternatives Review Team
- Continuing Education Evaluation Workgroup
- Continuing Education Subcommittee
- Credentials Committee
- Education Committee
- Examination Committee
- Experience Committee
- Futures Collaborative
- Interiors Task Force
- National Architectural Accrediting Board (NAAB) Visiting Team Member
- Policy Advisory Committee
- Program Continuum Advisory Committee
- Professional Conduct Committee
- Regional Leadership Committee

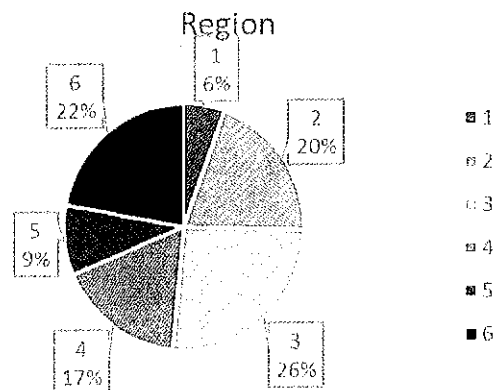
Regional Information

Region 5 has **37** volunteers appointed to an NCARB Committee, work group or Task Force representing **9%** of all NCARB volunteers.

Region 5 has volunteers serving from the following jurisdictions:

Kansas
Montana
Nebraska
North Dakota
Oklahoma
South Dakota
Wyoming

FY20 NCARB Volunteers by Region



REGION 5 VOLUNTEERS

State	Name	Email	Role	Committee
KS	Dave Hoffman	dhoffman@lk-architecture.com	Past President	Board of Directors
KS	Vincent Mancini	vince@pld.com	Member	Model Law Task Force
KS	Matthew Peddie	mejpeddie@gmail.com	Member	ARE 5.0 Case Study Subcommittee - Project Management Group
KS	Zachary Stoltenberg	zach.stoltenberg@gmail.com	Member	ARE 5.0 Case Study Subcommittee - Project Development & Documentation Group
			Chair	Think Tank
KS	Juan You	jyou@dirgroup.com	Member	Certification Alternatives Review Team
MT	Charles Deese	crdeese@gmail.com	Member	Continuing Education Evaluation Workgroup
MT	Joshua Mollenkamp	jjmoll7@msn.com	Member	Continuing Education Evaluation Workgroup
MT	Elizabeth Seidel	el.seidel@yahoo.com	Member	Experience Committee
MT	Bayliss Ward	bayliss@baylissarchitects.com	Treasurer	Board of Directors
			Chair	Audit Committee
			Member	Model Law Task Force
			Member	National Architectural Accrediting Board (NAAB) Visiting Team Member
NE	Connor Griess	connor_griess@yahoo.com	Intern	Education Committee
NE	Lenora Isom	lenora_isom@hotmail.com	Member	Examination Committee
NE	Matthew Kuhn	matthew.kuhn@hdri.nc.com	Member	Business Continuity Exam Project Development & Documentation Workgroup
NE	Andrew Shelby	ashelby1@hotmail.com	RLA	ARE 5.0 Case Study Subcommittee - Project Planning & Design Group

NE	Jon Wilbeck	jon.wilbeck@nebraska.gov	MBE	Policy Advisory Committee
ND	Ricky Engebretson	rle@rleco.com	Regional Director	Board of Directors
			BOD Liaison	Education Committee
ND	Bobbi Hepper-Olson	bobbi@hepperolson.com	Member	Education Committee
ND	Stacy Krumwiede	stacy@scgnd.com	Member	Regional Leadership Committee
OK	Leslie Hanksa	leslie.hanksa@boardofarch.ok.gov	MBE	Examination Committee
OK	David Hornbeek	dhornbeek@hornbeekblatt.com	Member	Policy Advisory Committee
			Member	Regional Leadership Committee
OK	Scott Oglesby	scogles@gmail.com	Member	ARE 5.0 Item Development Subcommittee - Programming & Analysis Group
OK	Caitlin Whitley Hayes	cwhitley-hayes@ahmm.co.uk	Member	Business Continuity Exam Project Planning and Design Workgroup
OK	Elizabeth Windel	beth@sdg-architects.com	Chair	ARE 5.0 Case Study Subcommittee
			Member	Examination Committee
SD	Mark Aspaas	markaspaas@gmail.com	Member	Certification Alternatives Review Team
SD	Whitney Martin	Martin.Whitney@live.com	Member	Continuing Education Subcommittee
SD	David Stafford	davestafford@midconetwork.com	Member	Business Continuity Exam Project Development & Documentation Workgroup
WY	Martina Bello	bellarch@zoho.com	Member	ARE 5.0 Case Study Subcommittee - Project Planning & Design Group
WY	Emily Cronbaugh	emily.cronbaugh@wy.gov	Chair	Member Board Executives Committee
WY	Arne Jorgensen	ajorgensen@hawtiniojrgensen.com	Member	Certification Alternatives Review Team

WY	Eugene Ninnie	e.ninnie@centurytel.net	Member	Continuing Education Evaluation Workgroup
WY	Katherine Wilson	k.wilson2582@gmail.com	Member	Continuing Education Evaluation Workgroup

FY20 COMMITTEES, SUBCOMMITTEES, AND WORK GROUP DESCRIPTIONS

Experience and Education Committees

Education Committee (EDU)

Members of the Education Committee contribute to the development of programs and initiatives impacting architectural education. Examples of initiatives include development of the NCARB Education Standards, education alternatives for NCARB Certification, Integrated Path to Architectural Licensure (IPAL), life-long learning, and the NCARB Award.

Volunteers should meet the following qualifications:

- Be an architect, educator, licensure candidate, or Member Board Member, including Public Member or Member Board Executive.
- Preference will be given to individuals who are participating in or have participated in NCARB's Architecture Experience Program (AXP), and/or have an understanding of the education and experience requirements for licensure, be an educator, supervisor or mentor of individuals gaining required education and experience, and a commitment to supporting individuals pursuing a career in architecture.

Volunteer Expectations

- Willingness to collaborate in a virtual environment (phone/online).
- This committee will hold one face-to-face meeting plus virtual calls for planning and homework.

Continuing Education Subcommittee

Members of the Continuing Education Subcommittee contribute to the development of continuing education related initiatives. Examples include NCARB's Monograph program and collaboration with the AIA to evaluate HSW content of proposed seminars and tours for their national convention.

Volunteers should meet the following qualifications:

- Be an architect, educator, licensure candidate, Member Board Member including Public Member or Member Board Executive.
- Volunteers should have participated in NCARB's Architecture Experience program (AXP), and/or have an interest in the continuing education requirements for licensure renewal, as well as the experience requirements for initial licensure, and a commitment to supporting life-long learning in architecture careers.

Volunteer Expectations

- Willingness to collaborate in a virtual environment (phone/online).
- All work by this committee will be conducted virtually.

Continuing Education Evaluation Workgroup

Members of the Continuing Education Evaluation Workgroup will have the opportunity to participate in continuing education programs, seminars, and courses of their choice. Upon completion of the continuing education course, volunteers will complete an evaluation of the course content. These evaluations will encourage dialog with providers of continuing education to ensure the quality of available continuing education.

Interested individuals should meet the following qualifications:

- Be an architect.

Volunteer Expectations

- Willingness to collaborate in a virtual environment (phone/online).
- All work by this committee will be conducted virtually.
- Submit at least one written evaluation.

Certification Alternatives Review Team

Members of the Certification Alternatives Review Team will review portfolios prepared by architects to support their application for NCARB Certification through alternative education and examination requirements. This includes applicants for NCARB certification through the Tri-National Agreement with Mexico and Canada. Review of portfolios will be performed virtually through a work-flow process. Any required interviews will be convened through video conferencing.

Volunteers should meet the following qualifications:

- Be an architect.
- Volunteers must have a thorough understanding of the education, experience, and examination requirements for initial and reciprocal licensure, preferably have participated in NCARB's Architecture Experience program (AXP), be an educator, supervisor or mentor of individuals gaining required education and experience, and a commitment to supporting architects pursuing reciprocal licensure.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- All work by this committee will be conducted virtually plus one in-person training.
- Individuals selected to serve on this team are likely to be reappointed for up to three terms.

Experience Committee (EC)

Members of the Experience Committee contribute to the development of programs and initiatives impacting the architecture experience requirement. Examples of initiatives include development of the Architectural Experience Program (AXP). Volunteers on the Experience Committee also serve on the Experience Advisory Committee (EAC) which is comprised of the EC and representatives from collateral and allied organizations.

Volunteers should meet the following qualifications:

- Be an architect, educator, licensure candidate, Member Board Member including Public Member or Member Board Executive.
- Volunteers must be participating in or have participated in NCARB's Architecture Experience Program (AXP) and/or have an understanding of the education and experience requirements for licensure, be a supervisor or mentor of individuals gaining required education and experience, and a commitment to supporting individuals pursuing a career in architecture.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- In conjunction with the Experience Advisory Committee (EAC), it is anticipated that this committee will hold one face-to-face meeting plus virtual calls for planning and homework.

National Architectural Accrediting Board (NAAB) Visiting Team

National Architectural Accrediting Board Visiting Teams evaluate professional degree programs in architecture against the Conditions for Accreditation established by the NAAB. Teams conduct visits for initial candidacy, continuation of candidacy, initial accreditation, and continuation of accreditation. Interested individuals may be nominated for consideration by the NAAB to be included in NAAB's roster of individuals from which the NAAB establishes accreditation teams. Individuals accepted by the NAAB will remain on that list for a four-year period. The NAAB is solely responsible for selecting Visiting Team members for any visit and all visiting teams must be confirmed by the program.

Volunteers should meet the following qualifications:

- Be an architect.
- Have an understanding of the education, experience, and examination requirements for licensure, preferably have participated in NCARB's Architectural Experience Program (AXP), be an educator, supervisor or mentor of individuals gaining required education and experience and demonstrate a commitment to supporting architecture education and individuals pursuing a career in architecture.
- The NAAB is especially interested in expanding the number of individuals fluent in other languages, especially Spanish and French, as well as persons from traditionally underrepresented groups.

- Submit a resume to NCARB upon expression of interest and complete a team member nomination form if selected for the pool.

Volunteer Expectations:

- Individuals recommended by NCARB to serve in the pool must commit to make themselves available for NAAB Team Member Training and must be available to serve on NAAB Visiting Teams from January to April and from September to November. The NAAB will provide options of which visit you can participate on.
- Team visits last three to four days depending on the type of visit; generally, visits begin on Saturday afternoons and end on Wednesdays at noon.

Examination Committees

Examination Committee

Members of the Examination Committee oversee the research initiatives related to the development, delivery, and assessment of the Architect Registration Examination (ARE) for use by all 55 licensing boards. This committee is composed of the Chairs of the ARE subcommittees and task forces, as well as a limited number of at-large members necessary to provide insight from the perspectives of educators, recently licensed, and the public.

Volunteers should meet the following qualifications:

- Be an architect, educator, licensure candidate, Member Board Member including Public Member or Member Board Executive with previous experience on an exam-related committee or have a strong interest in the strategic direction of the ARE.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this Committee will meet for three (3) two-day face-to-face meetings during the fiscal year, as well as participate in online web meetings.
- Homework will be assigned prior to each meeting.

ARE Item Writing Opportunities

In FY20, two distinct item writing opportunities will be available to interested volunteers.

1. The ARE 5.0 Item Development Subcommittee will continue its typical work of developing content and reviewing operational items for the ongoing delivery of ARE 5.0.
2. In FY20, NCARB will begin development of separate ARE item banks that support the goal of having items secured for the purpose of business continuity in the case of a large-scale content breach or disclosure of operational items. The Business Continuity Exam (BCE) workgroups are an additional item writing opportunity that includes targeting item writing to assemble a complete exam form for each division.

Volunteers writing items have been selected to join either the ARE 5.0 Item Development Subcommittee, with an assignment to one divisional working group, or a BCE Workgroup. In either case, each workgroup focuses on one division of ARE 5.0. For both opportunities, members will write, review, and edit items to be used in one division of the exam.

ARE 5.0 Item Development Subcommittee

Members of the ARE 5.0 Item Development Subcommittee will write, review, and edit items to be used in divisions of the ARE 5.0. Volunteers for this Subcommittee will be assigned to one divisional working group focusing on a division of the exam.

Volunteers should meet the following qualifications:

- Be an architect or related building systems engineer, and/or have architectural content area expertise in building codes or architectural legal issues.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this subcommittee will meet for three (3) two-day face-to-face meetings during the fiscal year, as well as participate in online web meetings.
- Homework for this subcommittee will occur before each meeting; volunteers should expect to spend approximately 10-12 hours on homework per week during the weeks leading up to each meeting. Homework will also include the reviewing, editing and creating of graphics for associated items.

Divisional work group definitions:

ARE 5.0 Item Development Subcommittee: Practice Management Group

The Practice Management division focuses on issues related to pre-contract tasks including negotiation, human resource management and consultant development. Content areas include the management of architectural practice, professional ethics, fiduciary responsibilities, and the regulations governing the practice of architecture.

ARE 5.0 Item Development Subcommittee: Project Management Group

The Project Management division focuses on issues related to office standards, development of project teams and overall project control of client, fee and risk management. Content areas include the management of architectural projects including organizing principles, contract management and consultant management.

ARE 5.0 Item Development Subcommittee: Programming & Analysis Group

The Programming & Analysis division focuses on issues related to programming, site analysis, and zoning and code requirements. Content areas include the evaluation of project requirements, constraints and opportunities related to the project.

ARE 5.0 Item Development Subcommittee: Project Planning & Design Group

The Project Planning & Design division focuses on issues related to the generation or evaluation of design alternatives that synthesize environmental, cultural, behavioral, technical and economic issues. Content areas include the preliminary design of sites and buildings.

ARE 5.0 Item Development Subcommittee: Project Development & Documentation Group

The Project Development & Documentation division focuses on issues related to the development of design concepts, the evaluation of materials and technologies, selection of appropriate construction techniques, and appropriate construction documentation. Content areas include the integration and documentation of building systems, material selection, and material assemblies into a project.

ARE 5.0 Item Development Subcommittee: Construction & Evaluation Group

The Construction & Evaluation division focuses on issues related to bidding and negotiation processes, support of the construction process, and evaluation of completed projects. Content areas include construction contract administration and post occupancy evaluation of projects. 6

Business Continuity Exam (BCE) Workgroup

Members of each workgroup will write and edit new items and assemble a pilot form for their division to ensure business continuity of the exam in the case of a large content disclosure.

Volunteers should meet the following qualifications:

- Be an architect or related building systems engineer, and/or have architectural content area expertise in building codes or architectural legal issues.

Volunteer Expectations:

- It is anticipated that each workgroup will meet for two (2) two-day face-to-face meetings in the spring, as well as participate in online web meetings.
- Volunteers selected for a workgroup are likely to be reappointed for a second term.
- Homework for each workgroup will occur before each meeting; volunteers should expect to spend approximately 10-12 hours on homework per week during the weeks leading up to each meeting. Homework will include the creating, editing, and review of graphics.

Divisional workgroup definitions:

Practice Management Workgroup

The Practice Management division focuses on issues related to pre-contract tasks including negotiation, human resource management and consultant development. Content areas include the management of architectural practice, professional ethics, fiduciary responsibilities, and the regulations governing the practice of architecture.

Project Management Workgroup

The Project Management division focuses on issues related to office standards, development of project teams and overall project control of client, fee and risk management. Content areas include the management of architectural projects including organizing principles, contract management and consultant management.

Programming & Analysis Workgroup

The Programming & Analysis division focuses on issues related to programming, site analysis, and zoning & code requirements. Content areas include the evaluation of project requirements, constraints and opportunities related to the project.

Project Planning & Design Workgroup

The Project Planning & Design division focuses on issues related to the generation or evaluation of design alternatives that synthesize environmental, cultural, behavioral, technical and economic issues. Content areas include the preliminary design of sites and buildings.

Project Development & Documentation Workgroup

The Project Development & Documentation division focuses on issues related to the development of design concepts, the evaluation of materials and technologies, selection of appropriate construction techniques, and appropriate construction documentation. Content areas include the integration and documentation of building systems, material selection, and material assemblies into a project.

Construction & Evaluation Workgroup

The Construction & Evaluation division focuses on issues related to bidding and negotiation processes, support of the construction process, and evaluation of completed projects. Content areas include construction contract administration and post occupancy evaluation of projects.

ARE 5.0 Case Study Subcommittee

Members of the ARE 5.0 Case Study Subcommittee will create, review, and edit the case study scenarios and resource documents used in each division of ARE 5.0. Volunteers for this subcommittee will be assigned to one divisional working group focusing on a division of the exam.

Volunteers should meet the following qualifications:

- Be an architect or related building systems engineer, and/or have architectural content area expertise in building codes or architectural legal issues.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this subcommittee will meet for two (2) two-day face-to-face meetings in the fall, as well as participate in online web meetings.
- Homework for this Subcommittee will occur before the meeting; volunteers should expect to spend approximately 5-7 hours on homework per week during the weeks leading up to each meeting. Homework will include the review of graphics, coordination of resources, and editing of existing case study resources.

Divisional workgroup definitions:

ARE 5.0 Case Study Subcommittee: Practice Management Group

The Practice Management division focuses on issues related to pre-contract tasks including negotiation, human resource management and consultant development. Content areas include the management of architectural practice, professional ethics, fiduciary responsibilities, and the regulations governing the practice of architecture.

ARE 5.0 Case Study Subcommittee: Project Management Group

The Project Management division focuses on issues related to office standards, development of project teams and overall project control of client, fee and risk management. Content areas include the management of architectural projects including organizing principles, contract management and consultant management.

ARE 5.0 Case Study Subcommittee: Programming & Analysis Group

The Programming & Analysis division focuses on issues related to programming, site analysis, and zoning and code requirements. Content areas include the evaluation of project requirements, constraints and opportunities related to the project.

ARE 5.0 Case Study Subcommittee: Project Planning & Design Group

The Project Planning & Design division focuses on issues related to the generation or evaluation of design alternatives that synthesize environmental, cultural, behavioral, technical and economic issues. Content areas include the preliminary design of sites and buildings. 8

ARE 5.0 Case Study Subcommittee: Project Development & Documentation Group

The Project Development & Documentation division focuses on issues related to the development of design concepts, the evaluation of materials and technologies, selection of appropriate construction techniques, and appropriate construction documentation. Content areas include the integration and documentation of building systems, material selection, and material assemblies into a project.

ARE 5.0 Case Study Subcommittee: Construction & Evaluation Group

The Construction & Evaluation division focuses on issues related to bidding and negotiation processes, support of the construction process, and evaluation of completed projects. Content areas include construction contract administration and post occupancy evaluation of projects.

Council Related Committees

Credentials Committee

Members of the Credentials Committee oversee the nomination and election process for positions on the Board of Directors, verify candidate qualifications for office, examine and verify Voting Delegate credentials, report to the membership regarding quorum at the Annual Business Meeting, and tabulate and report election results to the President/ Chair of the Board.

Volunteers should meet the following qualifications:

- Members must be sitting Member Board Members (architect and public members) and/or Member Board Executives.
- Attendance at the June 2019 Annual Business Meeting (ABM) is required.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this Committee will have one (1) to two (2) in-person meeting during the 2019 Annual Business Meeting, as well as participate in up to five (5) virtual meetings. Homework will be assigned prior to each meeting.

Member Board Executives Committee (MBEC)

Members of the Member Board Executives Committee consider issues of concern to the licensing boards and Member Board Executives, develop the agenda for the Spring MBE Workshop, and serve as a focus group for the Board of Directors and Council staff.

Volunteers should meet the following qualifications:

- Be employed by a licensing board as an Executive or in an Assistant/Associate Executive position.

Volunteer Expectations:

- Volunteers on this committee will collaborate in a virtual environment (phone/online) and staff will provide training as needed.
- It is anticipated that this committee will meet for planning/homework calls, hold one face-to-face meetings in the fall and attend the Spring MBE Workshop.

Policy Advisory Committee (PAC)

The Policy Advisory Committee reviews proposed resolutions and special publications as directed by the Board of Directors for impact and consistency with Council policies and programs.

Interested individuals should meet the following qualifications:

- Be the chair of one of NCARB's 6 regions, Member Board Executive, or Public Member.
- Volunteers should have an understanding of NCARB's bylaws, certification requirements, legislative guidelines, model law and rules of conduct.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this committee will meet for planning/homework calls plus up to two face-to-face meetings.

Professional Conduct Committee (PCC)

Members of the Professional Conduct Committee oversee the development, assessment, application and adjudication of Council policies and practices relating to the professional conduct of Record and Certificate holders using Council services.

Volunteers should meet the following qualifications:

- Be an architect, Member Board Member including Public Member or Member Board Executive Committee.
- Have an interest in Council certification requirements, and the statutes, rules and regulations of their jurisdiction.
- Have an interest in the architectural experience, education, examination and practice requirements of their jurisdiction.

Volunteer Expectations:

- Willingness to collaborate in a virtual environment (phone/online).
- It is anticipated that this committee will hold one face-to-face meeting (more face to face meetings may be scheduled if required) plus virtual calls for planning, assignments, and case review as needed.

MEETING DATES

For meeting dates and locations, please visit the [calendar](#) available on the [Member Board Community](#).

The following committees will be meeting at the Committee Summit, December 6 – 7 in Oklahoma City:

- Futures Collaborative
- Examination Committee
- Policy Advisory Committee
- Education Committee
- Re-Think Tank
- Think Tank
- Experience Committee

NCEES recognizes long-standing service

NCEES recently honored nine individuals for their dedicated service to the organization and the engineering and surveying professions. The 2019 NCEES service award winners are

- Howard Harclerode II, P.E., member of the Maryland State Board for Professional Engineers, who received the Distinguished Service Award with Special Commendation
- Gary Thompson, P.L.S., emeritus member of the North Carolina Board of Examiners for Engineers and Surveyors, who received the Distinguished Service Award with Special Commendation
- Michael Conzett, P.E., emeritus member of the Nebraska Board of Engineers and Architects, who received the Distinguished Service Award
- David Widmer, P.L.S., emeritus member of the Pennsylvania State Registration Board for Professional Engineers, Land Surveyors, and Geologists, who received the Distinguished Service Award
- John Greenhalge, executive director of the Ohio State Board of Registration for Professional Engineers and Surveyors, who received the Meritorious Service Award
- David Johnston, Ph.D., P.E., of North Carolina, who received the Distinguished Examination Service Award
- George Murgel, Ph.D., P.E., member of the Idaho Board of Professional Engineers and Professional Land Surveyors, who received the Distinguished Examination Service Award
- Charles Prewitt, P.E., of Louisiana, who was posthumously honored with the Distinguished Examination Service Award
- Sonja Sparks, P.L.S., of Wyoming, who received the Distinguished Examination Service Award

The winners were honored at the NCEES annual meeting, held August 14–17, 2019, in Washington, D.C.

NCARB

NCARB UPDATE

JUNE/JULY 2019 ISSUE

IN THIS ISSUE:

COMMUNITY-FOCUSED FUTURE

We are supporting our community through the expansion of committees, ongoing participation in collateral activities, training events, and preparing for the next Analysis of the Practice of Architecture.

[READ THE MESSAGE FROM THE CEO](#)

REFRESHED STRATEGIC PLAN

Our refreshed Strategic Plan provides a framework to introduce opportunities for continuous quality improvement, growth, and transformation over the next five to seven years.

[READ THE STRATEGIC PLAN](#)

PROMOTING REASONABLE REGULATION

NCARB is a founding member of the Alliance for Responsible Professional Licensing (ARPL), a new coalition of national associations that represent complex professions.

[READ DEPARTMENT UPDATES](#)



NCARB's Second Vice President, Alfred Vidaurri led one of the brainstorms on future-focused ideas during training sessions at the 2019 ABM.

MESSAGE FROM THE CEO

Dear Colleagues,

From the buzz generated by our double-booth presence in early-June at the AIA Conference on Architecture (A'19) in Las Vegas, to the shared histories of our efforts and our volunteers at late-June's Centennial Annual Business Meeting (ABM), along with the diverse perspectives of participants at July's historic Accreditation Review Forum (ARForum19), the seemingly obvious concept of "community" continually showed its complex nature.

- A steady stream of licensure candidates, architectural media, current and former volunteers, and architects seeking updates kept staff and leadership on their feet and pulling out resources to inform the architectural community at the Las Vegas Convention Center.
- Our ABM keynoter, Pulitzer Prize laureate Thomas Friedman, challenged attendees to remain unfazed in "the age of accelerations" by doubling down on the fundamentals that distinguish humans from technology. Whether the role is regulator, architect, or citizen, Friedman posits that participating in the community is what will keep us optimistic and capable of coping with change as a constant factor.
- At the ARForum19, stresses on the capacity and potential of architectural education pushed attendees into big discussions on opportunities and roles, and specific discussions on process, all the while emphasizing the necessity of community as a common goal.

At the dawn of NCARB's second century, we are energized by the work ahead in sustaining our commitment to community. Our leadership is providing vision, our members are providing challenges, and our staff are designing approaches—assuring that "community" is constantly informing our perspective. We are expanding our "experience advisory committee" concept to invite the collateral community to address the entire NCARB portfolio in a new "Licensure Forum" to be chaired by Immediate Past President David Hoffman. We are convening the chairs of our major committees as a super-committee, chaired by First Vice President/President-elect Bob Calvani, charged with seeing how our programming efforts complement and inform each other.

President Terry Allers and NCARB staff are meeting in early-August with the community of licensing advisors at our biennial Licensing Advisors Summit (LAS). In this arena, our efforts have incorporated launching and sustaining virtual communities, convening these communities based on geography, and doing the necessary informational and accountability engagements at the LAS. This is true community-building, as we emphasize the role of advisors as mentors, instructors, and role models.

All of these community-focused activities, and the dozens of other volunteer and staff efforts underway will lay the foundation for our next *Analysis of the Practice of Architecture*. The analysis will include initial data gathering and planning in the coming year, followed by a full-scale data collection effort that attempts to capture a snapshot of architectural practice and its related perspectives, including those of architects, students, educators, and licensure candidates. We anticipate new tools to better achieve demographic diversity and findings that will deliver a solid basis for evolving our regulatory toolkit, enabling us to better serve the communities we support.

Michael J. Armstrong
Chief Executive Officer



During his ABM address, CEO Armstrong outlined how the organization will enhance community-focused activities and resources.

CEO OUTREACH

- **AIA CONFERENCE ON ARCHITECTURE**
June 6-8 | Las Vegas, NV
- **NAAB ACCREDITATION REVIEW FORUM**
July 24-26 | Chicago, IL

RECENT EVENTS EXECUTIVE OUTREACH



AIA CONFERENCE ON ARCHITECTURE

- At A19, President Allers and CEO Armstrong met with related organizations and members of the architectural media.

NAAB ACCREDITATION REVIEW FORUM

- The FY20 BOD, Past President Erny, and CEO Armstrong attended the National Architectural Accrediting Board (NAAB) Accreditation Review Forum (ARForum19).

OUTREACH & COLLABORATION

COLLATERAL ENGAGEMENT

- June 6-8 | AIA Conference on Architecture
- June 11 | NCARB/NAAB Quarterly Meeting
- July 18 | AIAS Grassroots Conference
- July 24-26 | NAAB Accreditation Review Forum
- July 27 | FARB Leadership Conference

CONFERENCES

- AIA Conference on Architecture, Las Vegas, NV
- American School Counselor Association (ASCA) Annual Conference, Boston, MA

STRATEGIC PLAN

The latest iteration of the NCARB Strategic Plan was unveiled at the 2019 Centennial Annual Business Meeting to encourage strategic thinking at the Member Board level. ABM participants also engaged in a “One New Idea” exercise with their jurisdictional peers to explore how boards might attempt a fresh approach at pursuing their mission. The formal presentation of the plan was a high point of the meeting’s first day, with the entire series of plenary presentations designed as a strategic focus on the future, including a keynote from Thomas Friedman, a set of challenges to consider put forward by the Futures Collaborative, and the “One New Idea” breakout sessions.

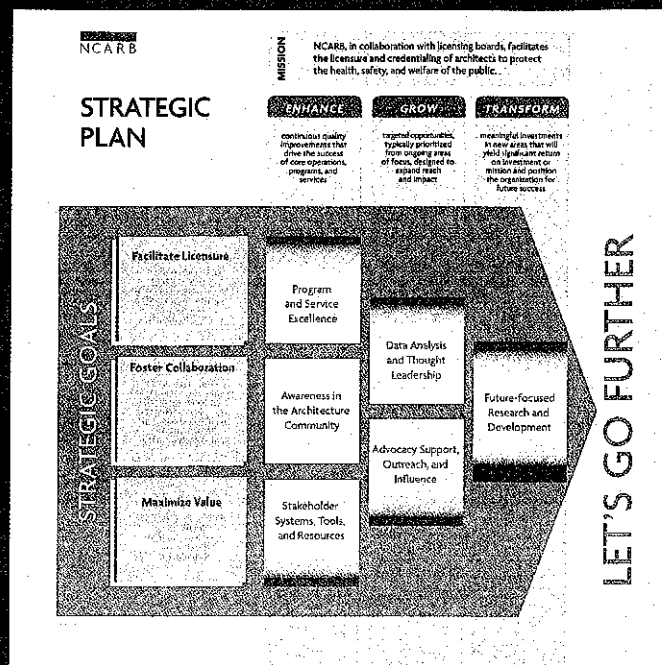
Our refreshed Strategic Plan’s goals will shape NCARB’s reports, Board meeting priorities, employee performance reviews, and work plans. Explore the new Strategic Plan and its [user guide](#).

ORGANIZATIONAL DEVELOPMENT & OFFICE LIFE

The NCARB staff held its annual off-site team-building retreat on July 30. Our team of brand ambassadors designed the morning session, featuring a series of tabletop exercises testing each other’s knowledge of NCARB programs, the Strategic Plan data from the *2019 NCARB by the Numbers*, and organizational history from our Centennial history book. For the third year in succession, the afternoon session was devoted to Rise Against Hunger, an international nonprofit that coordinates packaging and distribution of food and other life-changing aid to those in need. Organized by the Quality of Life Committee, the entire staff divided up into two teams in charge of filling packets of dried food that would provide 10,000 meals to disaster-impacted communities around the world.

At our off-site event, CEO Armstrong announced a new, joint initiative for the combined brand ambassadors and Quality of Life Committee focused on organizational health, including tools to encourage empowerment and inclusion.

The staff hosted President Allers and First Vice President/President-elect Calvani for a fiscal year kick-off in early-July. President Allers conducted round robin sessions with each staff department before hosting an ice cream social for NCARB staff alongside First Vice President Calvani.



SENIOR OFFICER AND EXECUTIVE OFFICE ENGAGEMENT

The FY20 Board of Directors, along with At-Large Delegate FY18 President Greg Erny, CEO Armstrong, and Vice President, Experience + Education Harry Falconer attended the Accreditation Review Forum (ARForum19), hosted by the National Architectural Accrediting Board (NAAB), for a historic meeting with the boards of directors from all five national architectural organizations to discuss the future of accredited education. Also in attendance were NCARB delegates to the ARForum19 Steering Committee, including Past President Kristine Annestad Harding, David Cronrath, and Alistair Stokes. NCARB representatives on the NAAB Board include NAAB President-elect Barbara Sestak, former NCARB President Dale McKinney, and Jeanne Jackson.

FY20 President Allers and First Vice President Calvani attended the opening night plenary of the American Institute of Architecture Students (AIAS) Grassroots Conference. President Allers was interviewed onstage by former NCARB President Dennis S. Ward, who is completing his term as the NCARB Liaison to the AIAS Board of Directors.

While in DC, First Vice President Calvani met with CEO Armstrong to discuss the roles and responsibilities of the First Vice President/President-elect and future Council opportunities.

NCARB SOCIAL

THIS MONTH'S FEED



@archinect

@NCARB is studying how technology and shifts in practice could impact the future of licensure.
arcnct.co/2Y8J2WY



@Farah_Arch

@NCARB, I loved your display at @AIANational's #AIA10Con! #AREs #licensure #NCARB



@laurenpsherman

We're super proud of Cayce who's just finished all six of his @NCARB #ARE5 exams! #partyhats
@SLAMcollab



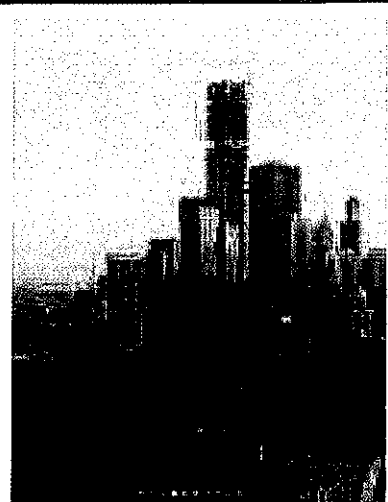
@SaraYerkes1

ICC congratulates CEO Michael Armstrong, Board of Directors, and staff on NCARB's Centennial Celebration! @IntlCodeCouncil @ICC_GR @NCARB



@BloggerFitz

Kudos @NCARB for supporting licensure and engagement. "Honestly, I was totally confused about the difference between the NAAB, AIA, and NCARB. But the class had a clear message: go to NCARB if you want to be a licensed architect."



@gilmcarchitects

Honored to be a part of the 2019 Accreditation Review Forum this week and its Steering Committee for the year. Boards of the five architecture collateral organizations—ACSA, AIA, AIAS, NAAB, and NCARB—worked together to advance architectural education, discipline, and the profession as a whole. #manyvoices #ARForum19 #studyarchitecture #2020 #ACSA #AIA #AIAS #NAAB #NCARB

**JOIN THE CONVERSATION
ON SOCIAL MEDIA!**



NCARB IN ACTION

KEEP UP WITH WHAT'S NEW

The Architect's Newspaper

SPACE REVENUE COMPUTATIONS PRODUCTS AIA

ARCHITECT'S NEWSPAPER

NCARB figures show number of architects continues to grow

by Christopher H. Smith



NCARB IN THE PRESS

- [Architect's Newspaper: NCARB figures show number of architects continues to grow](#)
- [YAF Connection Magazine: The Future Path to Licensure](#)
- [Fort Dodge Messenger: Allers inaugurated as president of NCARB](#)

RECENT NEWS

- [NCARB Explores Trends Shaping the Future of Architecture and Licensure](#)
- [Updates to NCARB's Continuing Education Program](#)
- [NCARB Unveils Traveling Centennial Exhibition at AIA](#)
- [Number of U.S. Architects Continues to Rise](#)

TOP BLOG POSTS

- [Architect Spotlight: Cristianne Peschard](#)
- [Get to Know 2019-2020 NCARB President Terry L. Allers](#)
- [How to Improve Diversity on Architecture Licensing Boards](#)

NCARB CULTURE

ORGANIZATIONAL DEVELOPMENT & OFFICE LIFE



ALL STAFF RETREAT

NCARB employees had the opportunity to learn about one another through a game of “human bingo,” as well as a group puzzle related to the refreshed Strategic Plan.



CORPORATE RESPONSIBILITY

During the July off-site retreat, staff prepared over 10,000 meal packets for the international relief organization Rise Against Hunger.



ICE CREAM SOCIAL

NCARB staff met with President Allers and Vice President Calvani at the Ice Cream Social in July.

SPOTLIGHT

NCARB VOLUNTEER: Li Ren, AIA, NCARB, LEED AP BD+C

During a professional practice class in college, Li Ren vividly remembers the message his professor had for the class: “Go to NCARB if you want to be a licensed architect.” A few years later, he began his path to licensure and came across NCARB updates, tools, and essential resources—allowing him to explore opportunities that would further his experience as an architect, including volunteerism.

Through his commitment to giving back to the community, Ren has gone on to become a member of the 2019 Re-Think Tank and Licensing Advisors Community, as well as chair of the AIA|DC Asian American Designers Union.

“Today, I am enjoying all the benefits from being a volunteer with NCARB—connecting with local and national architects, gaining access to licensure tips and study materials, and even organizing events,” said Ren. “This adventure has made me learn more than I thought I would, and because of that, I would like to encourage more young professionals to join.”



DEPARTMENT UPDATES

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

ADMINISTRATION

FINANCIAL PLANNING

- Prepared a final draft of the FY20 budget, approved by the FY20 Board of Directors at the post-ABM Board meeting in Washington, DC.
- Partnered with Second Vice President Alfred Vidaurri and CEO Armstrong to conduct a virtual treasurer orientation for incoming Treasurer Bayliss Ward.

APPROVED TEST PREP PROVIDERS

- Supported the Test Prep Review Committee in completing the review of three new submissions from test prep providers.

COUNCIL RELATIONS

ALLIANCE FOR RESPONSIBLE PROFESSIONAL LICENSING

- Officially launched the Alliance for Responsible Professional Licensing (ARPL)—a coalition of national associations that represents highly complex, technical professions and their national licensing boards.
- ARPL has been created to ensure a unified voice in the growing debate around the appropriate level of licensure for professions and occupations.
- It is composed of the American Institute of Architects (AIA), American Institute of Certified Public Accountants (AICPA), the American Society of Civil Engineers (ASCE), the Council of Landscape Architectural Registration Boards (CLARB), the National Association of State Boards of Accountancy (NASBA), NCARB, the National Society of Professional Engineers (NSPE), and the National Council of Examiners for Engineering and Surveying (NCEES).

COUNCIL RELATIONS

CONTINUED

COLLATERAL ENGAGEMENT AND OUTREACH

- Hosted the Nevada State Board of Architecture, Interior Design and Residential Design and the NAAB at the NCARB booth during A'19 to facilitate discussions with candidates.
- Met with the National Organization of Minority Architects (NOMA) President Kimberly Dowdell and NOMA board member Antoine Bryant to discuss future collaboration opportunities between the two organizations.
- Assisted the North Carolina Board of Architecture to review laws and regulations pertaining to joint architecture and interior design licensing boards from a regional and national perspective.
- Presented at the 2019 AIA State and Local Government Network Conference on NCARB's advocacy efforts and provided an update on upcoming changes to NCARB's *Model Law and Regulations*.

MEMBER BOARD SERVICES

- Hosted a webinar for Member Board Executives on the Continuing Education (CE) Auditing Tool. NCARB is providing this new tool as a resource for Member Boards to help alleviate the administrative burden of conducting annual audits of continuing education credits.
- Worked with Rhode Island, Guam, Puerto Rico, Missouri, Nebraska, and Pennsylvania to review NCARB programs and update licensing requirements. Member Board Executives are encouraged to contact the Council Relations team as rules change so that we have accurate and up-to-date information in our records.
- Supported President Allers with all appointments for FY20. Information on committee appointments and charges can be found on the [Member Board Community](#). Please contact the Council Relations team with questions about appointments, charges, or meeting dates.

CUSTOMER RELATIONS

CUSTOMER AND MEMBER BOARD SUPPORT

- Evaluated two Record holders for the NCARB Certificate via the Tri-National Mutual Recognition Agreement (MRA) path. Both will receive the NCARB Certificate to facilitate licensure in Canada and the U.S.
- Supported Guam and Idaho's board staff with updating and reporting to the Disciplinary Database.
- Presented the 2019 Centennial Annual Business Meeting "Back to Basics" workshop on the NCARB Certificate.
- Partnered with the Marketing & Communications team to develop enhancements to the "Contact Us" page on NCARB's website.

COLLATERAL ENGAGEMENT AND OUTREACH

- Participated in Council outreach activities, including an AIAS Grassroots conference in Washington, DC, and the NCARB exhibit booth at A'19 in Las Vegas.
- Served on an ethics panel at A'19.
- Hosted staff from CLARB in Washington, DC, to foster collaboration and share best practices.



NCARB's Member Board Members and Executives participated in the "Back to Basics" workshop.

EXAMINATION

OUTREACH

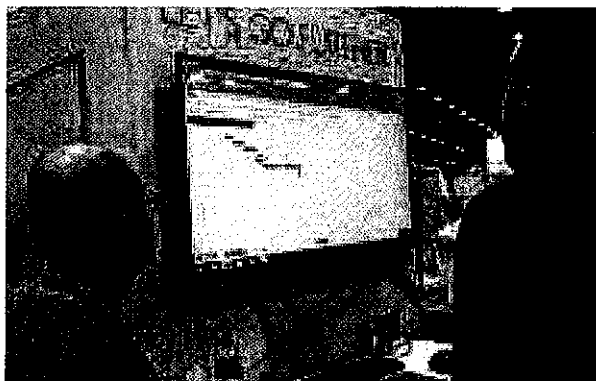
- Supported outreach efforts and educational programs at A19 and the NCARB Centennial Annual Business Meeting.

EXAM UPDATES

- Completed initial testing of exam delivery enhancements planned for release later this fall. Changes will include better support for candidates with visual impairments, as well as other delivery improvements.

COMMITTEE WORK

- FY19 Forms Assembly Subcommittee completed its efforts and have approved the exam forms to be released this upcoming fall.
- FY20 committee efforts have begun with both the Case Study Subcommittee and Item Development Subcommittee, kicking off the year with training and initial homework assignments.



Manager of Examination Michael Yates shows a licensure candidate the ARE 5.0 Demonstration Exam at the 2019 AIA Conference on Architecture in Las Vegas.

EXPERIENCE + EDUCATION

CUSTOMER SUPPORT

- Facilitated Tri-National MRA interviews for two applicants from Mexico seeking NCARB certification and licensure in Canada. Both applicants successfully completed all requirements.
- Attended A19 Sessions relevant to NCARB programs and staffed the NCARB exhibit booth, meeting face-to-face with Record holders.

COLLATERAL ENGAGEMENT

- Collaborated with ACSA on research related to new program opportunities to support professional practice educators.
- Participated in a panel discussion on opportunities for engagement with community colleges at the Coalition of Community College Architecture Programs (CCCAP) Annual Meeting.
- Attended American School Counselor Association (ASCA) Annual Conference to inform pre-college educators about the profession of architecture.
- Participated in a panel discussion, collateral engagement opportunities, and staffed NCARB booth at AIAS Grassroots, and recruited prospective architect licensing advisors.

TRAINING EVENTS

- Prepared to host 280 attendees at LAS in Minneapolis, from August 1-3.
- Prepared to host 14 educators at NCARB Scholars in Professional Practice event, from August 8-10, in Hartford, Connecticut.
- Facilitated board of directors' of all collateral organizations in preparation for ARForum19.

CONTINUING EDUCATION

- Deployed major updates to the monograph program—in effect September 1—to bring it into alignment with current AIA Continuing Education (CE) standards, and began the sunset of long-formatted monograph products, including hard copies and digital monographs, which will remain available for reference, but not for CE credit.



INFORMATION SYSTEMS

NCARB SYSTEMS DISASTER RECOVERY

- Drafted a Disaster Recovery “RunBook” for NCARB’s critical systems. The document includes procedures on how to address outages and identifies the priorities and instructions on who and when to contact key personnel at NCARB. The “RunBook” is a living document and will continue to evolve.

FOREIGN ARCHITECT PATH TO CERTIFICATION

- Updated system functionality to enable the issuance of an NCARB Certificate to architects licensed in Mexico who have been approved for certification via the Tri-National MRA path.

MARKETING & COMMUNICATIONS

CENTENNIAL

- Launched the full Centennial exhibit at A’19 in Las Vegas. The exhibit was also on display at NCARB’s ABM in Washington, DC.
- Launched final section of the Centennial website, featuring ways NCARB is positioning for the future.
- Led marketing and branding support for the Centennial ABM.
- Distributed the *2019 NCARB by the Numbers* at the ABM, featuring a 100-year look back and data on the public’s perception of architects.
- Launched the *2019 NCARB by the Numbers interactive microsite*, featuring the latest analysis of trends on the path to licensure, equity and diversity in the profession, and more.

COMMUNICATION UPDATES

- Updated NCARB’s program guidelines to reflect the new mission statement, as well as other edits.
- Began its “Lifecycle Communications” initiative to holistically review and refresh communications throughout a customer’s career.
- Published a press release on NCARB’s future-focused initiatives.

PLANNING AND SUPPORT

- Participated in a team strategic planning retreat to review upcoming events and initiatives.
- Collaborated with the E+E department to prepare for, and promote, the upcoming 2019 LAS.
- Supported the E+E department as they prepared for the upcoming NCARB Scholars in Professional Practice event.

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Introducing the Alliance for Responsible Professional Licensing

We are very pleased to announce that the National Council of Architectural Registration Boards (NCARB) is one of the founding members of the Alliance for Responsible Professional Licensing (ARPL)—a coalition of national associations that represents highly complex, technical professions and their national licensing boards.

ARPL has been created to ensure that a unified voice for advanced professions is present and heard in the debate around the appropriate level of licensure for professions and occupations. As many of you know, lawmakers around the country have proposed legislation that would weaken or even eliminate occupational licensing laws. While these proposals may not intentionally target our profession, we are at risk of being swept up in overly broad legislation.

This is why it is critical that advanced professions, like ours, band together to make sure we are effectively communicating the importance of professional licensing and what's at risk if licensing laws are weakened.

What Will ARPL Do?

ARPL's overarching goal is to educate policymakers and the public on the importance of—and the need to maintain—clear, responsible licensing standards within our professions.

Specifically, ARPL will drive a coordinated, national communications and engagement strategy to:

- Inject its perspective into media coverage on the issue
- Ensure that advanced professions are at the table in forums where the issue is being discussed
- Provide messages, tools, and materials to help individual state organizations and complement their own activities on the issue

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

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Washington, DC 20005
202/783-6500
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The formation of the alliance reflects mutual interest between regulatory organizations and their professional society counterparts in making the case for reasonable regulation. Although the regulatory associations' shared mission is the protection of the public, and the professional societies are the voices of their respective professions, recent trends and

challenges in the regulatory and legislative environment have called for these groups to proactively engage together in the narrative around the importance of reasonable regulation and licensing. In addition to the American Institute of Architects and NCARB, members of the ARPL also include the American Institute of Certified Public Accountants, the American Society of Civil Engineers, the Council of Landscape Architectural Registration Boards, the National Association of State Boards of Accountancy, the National Society of Professional Engineers, and the National Council of Examiners for Engineering and Surveying.

Much more information will be coming in the following weeks, including communications tools and ideas to help you organize and communicate around the issue in your state.

In the meantime, we encourage you to explore the new [ARPL website](#) to learn more. Please contact Assistant Vice President, Advocacy and External Engagement, Marta Zaniewski at mzaniewski@ncarb.org if you have any questions or would like additional information.

Insights From the NCARB Futures Collaborative

In 2017, Past President Kristine Annexstad Harding established the Futures Collaborative to explore challenges and opportunities facing the profession. Composed of leading architects, experts in emerging technologies, and Member Board Members, the collaborative's members have met with innovators in the architecture, engineering, and construction (AEC) field to understand trends that could transform the way NCARB helps facilitate the licensing and credentialing of architects.

The Futures Collaborative will continue its work throughout 2019 and beyond. The group will take a closer look at how trends in sustainable and resilient design are impacting the profession, and then recommend changes to NCARB's committees, which shape everything from architectural education, experience, and examination, to the organization's policies and standards.

Learn more about the [work](#) that the Futures Collaborative has been doing. For questions related to the collaborative, please email Council Relations at council-relations@ncarb.org.

Explore the other FY20 committees and their charges on the [Member Board Community](#).

Continuing Education Audit Tool Webinar

Earlier this month, NCARB hosted a webinar that provided an overview and demonstration of a Continuing Education (CE) Audit Tool currently in development. NCARB is partnering with CE Broker, a trusted platform in the industry that has experience working with regulatory boards, to develop the tool. The CE Audit Tool would reduce administrative burdens for Member Boards when auditing continuing education hours for licensees. A recording of the

webinar is now available on the [Member Board Community](#) ☞. For questions related to this effort, please email Council Relations at council-relations@ncarb.org ✉.

Customer Relations Representatives

In an effort to continuously enhance services for our Member Boards and Member Board Executives (MBEs), NCARB's Customer Relations Department is now providing dedicated points of contact for MBEs. MBEs can contact their respective Customer Relations representative with any questions related to Council Records, Transmittals, and ARE candidates. Please review the contact information below to see who is assigned to your jurisdiction.

Cassandra Walker, Assistant Vice President, Customer Relations (cwalker@ncarb.org) ✉

- Alabama, Alaska, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Montana, Nebraska, Nevada, North Carolina, North Dakota, Ohio, Oregon, South Carolina, Texas, Vermont, the U.S. Virgin Islands, Virginia, and West Virginia.

Katrina Humphrey, Manager, Customer Relations (khumphrey@ncarb.org) ✉

- Arizona, Arkansas, Connecticut, Guam, Hawaii, Idaho, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Mississippi, Missouri, New Hampshire, New Jersey, New Mexico, New York, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, South Dakota, Tennessee, Utah, Washington, Wisconsin, and Wyoming.

Danielle Brokenborough, Program Specialist, Customer Relations (dbrokenborough@ncarb.org) ✉

- Support related to the disciplinary database, including assistance with entering disciplinary data, updating current or historical records, and training.

Welcome New Member Board Members and Executives

We'd like to introduce the following new Member Board Members and Executives:

- **Cedric Cruz** joined the Guam Board of Registration for Professional Engineers, Architects and Land Surveyors as an architect member.
- **Masoud Teimoury** joined the Guam Board of Registration for Professional Engineers, Architects and Land Surveyors board as an engineer member.
- **Vincent Arriola**, joined the Guam Board of Registration for Professional Engineers, Architects and Land Surveyors as their director of public works.
- **Debora Campbell** joined the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors as a public member.
- **Timothy Hayashi** joined the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors as an architect member.

-
- **Kayce Keane** joined the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors as a land surveyor member.
 - **Miro Kovacevic** joined the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors as a public member.
 - **Stephen Powell** joined the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors as an architect member.
 - **Matthew Keigan** joined the Massachusetts Board of Registration of Architects as their new executive director.
-

Upcoming Meetings

Please be sure to mark your calendars for the upcoming events:

- **NCARB Board of Directors Meeting:** September 19-21, in Jackson, WY
- **NCARB Committee Summit:** December 6-7, in Oklahoma City, OK

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If you have questions about any of the initiatives covered in this issue, please email council-relations@ncarb.org ✉.

Legal Counsel Outreach

Earlier this year, NCARB CEO Michael Armstrong, along with board attorneys Jack Nichols from the North Carolina Board of Architecture and Milena Trust from the Maryland Board of Architects, began an effort to reach out to legal counsels who support and advise architectural licensing boards. To help us in this effort, an attorney from each of the regions volunteered to facilitate calls within their region with the regional executives and Member Board Executives (MBEs).

This effort aligns with what several organizations have been doing to help ensure that board attorneys have the resources available as they work on behalf of licensing boards. Each region had robust conversations and generated several ideas for ways that NCARB can support this important stakeholder. We look forward to continuing to grow this effort.

FY20 Resolutions

While most resolutions are developed by a charge from the NCARB Board of Directors through NCARB committees, the *NCARB Bylaws* (Article V, Section 5) include a provision for Member Boards and regions to submit resolutions for consideration and vote at the NCARB Annual Business Meeting each year. According to the *Bylaws*, resolutions from Member Boards and regions must be submitted to the Regional Leadership Committee no later than 75 days prior to the day of the Annual Business Meeting, where resolutions are considered.

The *Bylaws* deadline for FY20 is April 6, 2020.

If Member Boards and regions would like the resolution(s) they develop to be included in official meeting materials for Committee Summit or Regional Summit, there are additional deadlines to consider.

- **Committee Summit:** To include resolutions for discussion at Committee Summit, resolutions should be submitted to the Regional Leadership Committee by **October 11, 2019.**

*Celebrating 100
years of protecting
the health, safety, and
welfare of the public.*

1401 H Street, NW
Suite 500
Washington, DC 20005
202/783-6500
WWW.NCARB.ORG ✉

- **Regional Summit:** To include resolutions in the official Draft Resolution Packet, which is part of the pre-meeting materials for Regional Summit, resolutions should be submitted to the Regional Leadership Committee by **December 9, 2019**.

Note: It is not a requirement for resolutions from Member Boards and regions to be included in materials for Committee Summit or Regional Summit.

Information on what is subject to a vote of the membership at the Annual Business Meeting is available on the [Member Board Community](#) [↗](#).

Advocacy and External Engagement Update

Public Perception of Licensing Resource

In 2019, NCARB partnered with Benenson Strategy Group to explore public perception of licensure and regulation. Almost 1,000 registered voters were surveyed to better understand how people feel about regulation, licensing, and the architecture profession. NCARB developed a [one-page handout](#) [↗](#) to help Member Boards take advantage of these data points in support of reasonable regulation and licensure. The handout offers a high-level overview of the public's sentiment of licensure in general, as well as additional information into the public's perception of architects. We encourage you to use this resource when engaging external stakeholders and policymakers. View or [download the handout](#) [↗](#).

Governing Magazine

As reported in a [recent article](#) [↗](#) published in *Governing Magazine*, Governor Greg Abbott (R-TX) signed a bill blocking local governments from forbidding children from selling lemonade and other similar beverages on private property. The author addresses the nuance of regulation and distinguishes between occupations that may benefit from reform and professions with proven and effective licensing and regulating processes: *"But which professions require oversight? Deregulating lemonade stands is one thing. Giving free rein to professions that affect health and safety is something different entirely. There's no disputing that licensing does, in some cases, protect consumers."*

ALEC Conference

The American Legislative Exchange Council (ALEC) recently convened for their annual meeting in Austin. Legislators from across the country met to discuss a wide range of issues, several of which are relevant to NCARB. The ALEC membership voted to pass two specific model act resolutions including the [Model Interstate-Mobility and Universal-Recognition Occupational Licensing Act](#) [↗](#) and the [Occupational Licensing Review Act](#) [↗](#). While these model acts attempt to weaken professional standards, these types of proposals usually lack the necessary support to gain much traction in state legislatures. NCARB will continue to monitor these acts and provide updates and support, if needed.

If you would like more information about the conference, model acts, or other related issues please reach out to Marta Zaniewski at mzaniewski@ncarb.org ✉.

Regulatory Models Survey

The Council on Licensure, Enforcement and Regulation (CLEAR) recently distributed a [survey](#) ✉ to professional and regulatory organizations in all U.S. jurisdictions. The goal for this survey is to gather data on professional and occupational regulatory models across the country. The hope is that jurisdictions can connect and share ideas on what is working well and how they can learn from one another. The resource CLEAR is compiling will outline the different types of regulatory structures and which categories each jurisdiction falls into.

NCARB Releases Data on Licensure, Diversity, and Attrition

Each year, NCARB releases an annual data report, [NCARB by the Numbers](#) ✉, which provides insights into the makeup of candidates and metrics relating to the pursuit of architectural licensure. The 2019 edition includes updates to the number of U.S. architects, the time it takes to learn a license, diversity in the profession, analysis on attrition along the path to licensure, and a look-back at historical data celebrating NCARB's 100-year history.

For the first time, the resource includes exclusive data gathered in partnership with Beneson Strategy Group exploring the public perception of licensure and regulation. Key findings from the latest edition, which is based on data from the 2018 calendar year, include:

- Nearly 5,000 candidates completed their core licensure requirements.
- For the first time, over half of newly licensed architects started their NCARB Record while in school.
- Nearly 5,000 candidates completed the Architect Registration Examination® (ARE®).
- Over 6,000 licensure candidates completed the Architectural Experience Program® (AXP)®.
- Women now make up 50 percent of candidates beginning the AXP, the first time equity has been seen at any career stage.
- Diversity continues to improve along early career stages—46 percent of new AXP candidates and 35 percent of new ARE candidates now identify as non-white.
- Men and women now remain on the path to licensure at equal rates.
- Non-white candidates are at least 25 percent more likely to stop pursuing licensure than white candidates.
- On average, candidates take 4.2 years to complete the AXP.
- Sixty-three percent of candidates overlap their experience and exams.

- On average, it takes 12.8 years to complete the core licensure requirements, which include earning a degree, completing the experience program, and passing the ARE.
- In 2018, there were 115,316 architects in the United States.
- Over a 10-year period, three out of every five candidates stay on the path to licensure.

To read the full report, explore interactive data charts, and download infographics, visit www.ncarb.org/NBTN2019.

Customer Relations Representatives

In an effort to continuously enhance services for our Member Board Members and MBEs, our Customer Relations team provides a dedicated NCARB point-of-contact for all MBEs. The dedicated representatives can answer questions on:

- The ARE
- Record holder follow-up
- Jurisdiction requirements
- Rolling clock/testing accommodations
- Transmittal feedback
- Disciplinary Database guidance
- Emergent/escalated issues
- Staff updates/education opportunities

What can I expect when I call?

- A dedicated person when you need a little more personal attention.
- Concierge service for emergent issues with timely and responsive assistance.
- Monthly communication from your leadership liaison for support questions and concerns.
- New staff training and guidance opportunities.

Who do I contact?

Cassandra Walker, Assistant Vice President, Customer Relations (cwalker@ncarb.org)
Alabama, Alaska, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Montana, Nebraska, Nevada, North Carolina, North Dakota, Northern Mariana Islands, Ohio, Oregon, South Carolina, Texas, Vermont, Virgin Islands, Virginia, West Virginia.

Katrina Humphrey, Manager, Customer Relations (khumphrey@ncarb.org ✉)

Arizona, Arkansas, Connecticut, Guam, Hawaii, Idaho, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Mississippi, Missouri, New Hampshire, New Jersey, New Mexico, New York, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, South Dakota, Tennessee, Utah, Washington, Wisconsin, Wyoming.

Danielle Brokenborough, Program Specialist, Customer Relations (dbrokenborough@ncarb.org ✉)

Support related to the Disciplinary Database, including assistance with entering disciplinary data, updating current or historical records, and training.

Examination Update

Scheduling Blackout

For the past several months, NCARB staff and exam vendors have been testing a system update to the online test delivery platform candidates use at the Prometric test centers. To accommodate installation of the system updates, NCARB has worked with Prometric to **block candidates from scheduling appointments from September 30 – October 9, 2019**. Please expect no exam activity during this timeframe with regular score reporting returning after October 9.

The system update provides better support for item and form development. It also provides candidates with control over the on-screen highlight color, better supporting candidates with color blindness. The new highlight tool update will be rolled out to candidates as part of the demonstration exam in late-September. For questions related to this, please contact Vice President of Examination Jared Zurn at jzurn@ncarb.org ✉.

ARE 5.0 Candidate Data: Reporting Options

Did you know that NCARB's Examination team can provide data on your jurisdiction's ARE 5.0 candidates? At your request, NCARB will compile a report on the number of candidates actively testing, number of candidates passing each division, ARE completions, and other relevant statistics. The Examination team can provide one-time or recurring reports, which are useful for your jurisdiction's board meetings and checking on your candidates' progress during any given timeframe. Not sure about the data you would like to receive or how frequently to receive it? Reach out to Mike Yates in the Examination Department at myates@ncarb.org ✉ for assistance. Let us know how we can help!

Welcome New Member Board Members and Executives


We'd like to introduce the following new Member Board Members and Executives:

- **Susan Cooley** joined the Washington State Board of Architects as a public member.
- **Adam Wagner** joined the New Hampshire Board of Architects as an architect member.
- **Scott Holm** joined the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design as a public member.
- **Sted McCollough** joined the Alabama Board for Registration of Architects as an architect member.
- **Jami Neiber** joined the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design as a public member.
- **Tari Rayala** joined the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design as an architect member.
- **Melisa Rodriguez** joined the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design as an engineer member.
- **Vicky Zero** joined the Wyoming Board of Architects and Landscape Architects as a public member.

Upcoming Meetings

Please be sure to mark your calendars for the upcoming events:

- **NCARB Committee Summit:** December 6–7, in Oklahoma City, OK
- **MBE Workshop:** March 5, 2020, in Cambridge, MA
- **Regional Summit:** March 6–7, 2020, in Cambridge, MA
- **Annual Business Meeting:** June 18–20, 2020, in Austin, TX

For a full list of all NCARB events, please visit the calendar on the [Member Board Community](#) .

PDH AUDIT REPORT
For September 19, 2019
BOARD MEETING

13 audits reviewed at each Board Meeting

Mailed letter to licensee 07-31-19

DEADLINE TO RECEIVE INFORMATION IS 08-31-19

Name	Prof	Sent 1 st letter (or email) need audit records	Rcvd audit records	Board approved	Board NOT approved	Sent email reminder – need audit records
Alsaker, Dayton H.	PE 6334	07/31/19	08/19/19			
Borchard, Troy D.	PE 8022	07/31/19	08/12/19			
Cordell, James Henry	LS 6250	07/31/19	09/04/19			
Franko, Richard C.	AR 12476	07/31/19	08/06/19			
Heiman, Kevin R.	PE 6384	07/31/19	08/16/19			
Leiferman, Michael R.	PE 6808	07/31/19	*****			
Mischel, Tim	AR 11534	07/31/19	07/31/19			
Patten, Michael Dean	LA 11702	07/31/19	08/08/19			
Penry, Jerold F.	LS 11542	07/31/19	08/22/19			
Rettich, Kevin Charles	PE 9645	07/31/19	08/27/19			
Stein II, Darrell E.	PE 13461	07/31/19	08/29/19			
Terry, Harold Neil	AR 11710	07/31/19	08/26/19			
Trosen, Scott C.	LS 10924	07/31/19	08/29/19			

***** - no information received from licensee

PDH AUDIT REPORT
PENDING FROM PREVIOUS BOARD MEETING(S)

For September 19, 2019

BOARD MEETING

Mailed Copies to Board Members 09/03/19

Name	Prof	Sent 1st letter (or email) need audit records	<u>Rcvd Audit Record</u>	Board NOT approved	Sent 2nd letter – need audit records	<u>Rcvd Audit Record</u>	Board NOT approved	Sent 3rd letter – need audit record	Rcvd Audit Record
Atwood, Colleen Ward	AR 5762	03/27/19	04/26/19	05/17/19	05/28/19	8/29/19			
Jensen, Russell J.	PE 11494	05/24/19	06/17/19	07/19/19	07/23/19	&&&&			
Peramaki, Matthew P.	PE 6815	03/27/19	*****	05/17/19	05/28/19	*****			

Legend:

has until 08/28/19 to provide additional info

&&&& has until 10/23/19 to correct deficiency

@@@@ has until _____ to correct deficiency

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

Board Meeting Examinee Report*FE Examinees Passed FE Exam*

Meeting Date: September 19, 2019

Page 1 of 2

Name	Certificate #	Exam
Spilman, Eileen Alison	E-12769	FE
Copeland, Jordan D.	E-12770	FE
Magnuson, Reece	E-12771	FE
Smith, Allison Jane	E-12772	FE
Conrad, Cole Darran	E-12773	FE
Radtko, Tad	E-12774	FE
Jensen, Morgan Leigh	E-12775	FE
Kuca, Terrence Scott	E-12776	FE
Ahlstrom, Zachary	E-12777	FE
Booten-Popken, Amanda J.	E-12778	FE

Board Meeting Examinee Report*For PS Examinees Passed PLS Exam***Meeting Date:** **September 19, 2019**Page 2 of 2

Name	License #	Exam
Goebel, Ryan J.	14420	PS

Board Meeting Examinee Report***For FE Examinees For Approval*****Meeting Date:** September 19, 2019Page 1 of 3

Name	Exam
Allwine, Brandon	FE
Alness, Michael David	FE
Bentzen, Garret Charles	FE
Bhandari, Manoj	FE
Englund, Bradley	FE
Foust, Zachary Paul	FE
Frost, Mikel	FE
Furse, Caleb Matthew	FE
Gliko, John	FE
Hedman, Kaleb	FE
Heil, Joseph Paul	FE
Jain, Sanmati	FE
Kirkwold, Matthew	FE
Klapperich, Carter John	FE
Kroehler, Timothy Paul	FE
Lazcano, Andrea Vanessa	FE
Lensegrav, Shilo Lane	FE
Like, Landon James	FE
Lohrenz, Jessica Lynn	FE
Miller, Nicole L.	FE
Pollmiller, Shannon	FE
Prchal, Brian Alexander	FE
Sadler, Colton	FE
Sieh, Lucas	FE
Spellman, Daylon Brendan	FE
Statz, Norman	FE
Streff, Cecilia Anne	FE
Trapp, Cassidy Joy	FE
Zeng, Lin	FE
Ziliak, Nathan Ray	FE

Board Meeting Examinee Report

For FS Examinees For Approval

Meeting Date: September 19, 2019

Page 2 of 3

Name	Exam
Hughes, Pete	FS

Board Meeting Examinee Report*For PE Examinees To Be Approved*

Meeting Date: September 19, 2019

Page 3 of 3

Name	City	State	Comments
Clemen, Alyssa	Sioux Falls	SD	

Board Meeting Comity Report*For Individuals by Comity – AR/LA Licensed*

Meeting Date: September 19, 2019

Page 1 of 5

Name	City	State	Profession	License #
Clary, Jennifer Lynn	Missoula	MT	AR	14412
Collins, Jason Steven	Drexel Hill	PA	AR	14389
DeFrank, John Paul	Dallas	TX	AR	14390
Fritzberg, Erik Karl	Pittsburgh	PA	AR	14391
Horne, Ryan	Roswell	GA	AR	14414
Jorgensen, Erik	Leavenworth	KS	AR	14421
Joslin, Barbara J.	Coventry	CT	AR	14392
Kerelis, Albertas J. Jr.	Chicago	IL	AR	14393
Lewis, Jeffrey Scott	Valparaiso	IN	AR	14415
McCaulley, Angela Marie	Spencer	IA	AR	14394
McCleary, Cynthia Ann	Minneapolis	MN	AR	14395
McGonigle, Edward Oliver	Dallas	TX	AR	14416
Meyer, Mariah Beth	Bonner Springs	KS	AR	14396
Miller, Cory D.	Fort Wayne	IN	AR	14397
Nelson, Jeffrey P.	Oak Park	IL	AR	14398
Smith, Stephen Raymond	Omaha	NE	AR	14417
Stevenson, Caron Marie	St. Louis	MO	AR	14413
Storms, David Keith	Wytheville	VA	AR	14399
Whitcraft, Jeffery Laird	Lewistown	MT	AR	14418
Miller, Anne Marie	Portland	OR	LA	14419

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

Meeting Date: September 19, 2019

Page 2 of 5

Name	City	State	Profession	License #
Barron, Ross	Lincoln	NE	PE	14400
Bauer, Scott Michael	Bala Cynwyd	PA	PE	14422
Bladow, Gabriel Loy	Fargo	ND	PE	14423
Boyd, Ellyssa Ann	Orange	CA	PE	14424
Burgess, Christopher James	Parker	CO	PE	14425
Corcoran, Matthew	Billings	MT	PE	14401
Cornell, Anthony	Olathe	KS	PE	14402
DeCoster, Cameron	Arvada	CO	PE	14403
Ehlers, Guy C.	Casper	WY	PE	14426
Faris, Benjamin Blackwell	Franklin	TN	PE	14427
Gingerich, Nick D.	Bay Village	OH	PE	14428
Grosz, Robert William	Albuquerque	NM	PE	14429
Hanlon, Bryce	Edmond	OK	PE	14430
Harkins, Timothy Michael	Prior Lake	MN	PE	14431
Haydon, Brian William	Saint Paul	MN	PE	14432
Heald, Jared Christopher	Lenexa	KS	PE	14404
Heidenreich, Heather Lynn	Montgomery	IL	PE	14405
Hillson, Jeffrey	Baton Rouge	LA	PE	14433
Hodges, Floyd Ray	Manvel	TX	PE	14406
Howell, Brian Daniel	Omaha	NE	PE	14434
Hudson, Redge Reece	Monument	CO	PE	11892
Irons, Steven Matthew	Lincoln	NE	PE	14435
Kababik, Justin S.	Plainville	CT	PE	14407

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

Meeting Date: September 19, 2019

Page 3 of 5

Name	City	State	Profession	License #
Keller, Stephen	Kirkwood	MO	PE	14408
Kukuk, Kyle	Overland Park	KS	PE	14436
Lambert, Jason	Niles	MI	PE	14437
Martonovich, Mathew	Golden	CO	PE	14438
May, Rodney W.	Rockwall	TX	PE	14409
Meagor, Keith Wayne	Butte	MT	PE	14439
Meshnik, John	Eugene	OR	PE	14440
Moore, Nicholas Richard	Moorhead	MN	PE	14441
Nourparvar, Syrous	Roswell	GA	PE	14410
Rhoades, Kelly Lyn	Thornton	CO	PE	14442
Rogers, Luke	Sioux Falls	SD	PE	14443
Sievers, Ryan Allen	Middleton	WI	PE	14444
Sullivan, Kevin Daniel	Williamsville	NY	PE	14445
Thomas, Tyson	Fulshear	TX	PE	14411
Thompson, Wade Mitchell	Park River	ND	PE	14446
Thomson, Charles	Longview	TX	PE	14447
Thorpe, Alicia Beth	Greeley	CO	PE	14448
Toay, Andrew	Edina	MN	PE	14449
Tucker, Justin William	Upper Sandusky	OH	PE	14450
Williams, Kittredge Logan	Butte	MT	PE	14451

Board Meeting Comity Report*For Individuals by Comity*

Meeting Date: September 19, 2019

Page 4 of 5

Name	City	State	Profession	Comment
Hennessy, James Patrick	Minot	ND	LS	
Lovell, Charles	Logan	IA	LS	
Bacci, David Franc	Murrysville	PA	PE	
Bestgen, Sean	Rock Rapids	IA	PE	
Chen, Dong	Plymouth	MN	PE	
Cooper, Devan	Galesburg	IL	PE	
Flowers, Cambria M.	Salt Lake City	UT	PE	
Franklin, Scott Gregory	Dundee	OR	PE	
Lei, Ligang	Katy	TX	PE	
Leland, Ken	Tacoma	WA	PE	
Leptuch, Peter Adam	Denton	TX	PE	
Morgan, Clifford	Addison	TX	PE	
Nkunga, Alfred	Sherwood	AR	PE	
Patel, Anupkumar V.	Chicago	IL	PE	
Perez, Henry Sarmiento	Round Rock	TX	PE	
Ramani, Guruprasad	Gaithersburg	MD	PE	
Ristow, Agata Anna	Murphy	TX	PE	
Schall, Andrew James	Granville	OH	PE	
Schmidt, Brian R.	Sauk City	WI	PE	
Schoenthal, Carl Lee	Scottsville	NY	PE	
Skipple, Jason Eric	Fargo	ND	PE	
Williams, John A.	Eastpoint	FL	PE	

Board Meeting Comity Report*For Individuals by Comity**Meeting Date: September 19, 2019*Page 5 of 5

Name	City	State	Profession	Comment
Wollermann, Wade	Union Grove	WI	PE	
Wong, Miguel	Minneapolis	MN	PE	
Zemlicka, Jason	Castle Rock	CO	PE	
Zhang, Yi	Tulsa	OK	PE	

Board Meeting Firm Report*For Business Licensed*

Meeting Date: September 19, 2019

Page 1 of 2

Company Name	City	State	Profession	License #
712 Design LLC	Spencer	IA	AR	C-8002
Arion Blue LLC	Houston	TX	PE	C-8003
Beighley & Assoc. Inc.	Portland	OR	LA	C-8014
BL Companies, Inc.	Meriden	CT	PE/AR	C-8004
Blackstone Environmental, Inc.	Overland Park	KS	PE	C-8019
CB&I Storage Tank Solutions LLC	Plainfield	IL	PE	C-8009
Cooper Commissioning, LLC	Moorhead	MN	PE	C-8023
Erik L. Jorgensen	Leavenworth	KS	AR	C-8015
EST, Inc.	Oklahoma City	OK	PE	C-8108
Hanbury Evans Wright Viattas + Company	Norfolk	VA	AR	C-8005
Henderson Building Solutions, LLC	Lenexa	KS	PE	C-8017
Industrial Ally, Inc.	Chesterfield	MO	PE	C-8011
IPS Professional Engineers and Architects, PC	Blue Bell	PA	PE/AR	C-8006
JLW Architect	Lewistown	MT	AR	C-8013
Kenneth Hahn Architects Inc.	Omaha	NE	AR	C-8012
Nelson Architect, LTD	Bedford Park	IL	AR	C-8007
New Nello Operating Co., LLC	South Bend	IN	PE	C-8020
O'Donnell & Naccarato	Philadelphia	PA	PE	C-8016
Ogden Engineering and Consulting	Littleton	CO	PE	C-8021
PSE Consulting Engineers, Inc.	Klamath Falls	OR	PE	C-7995
S2 Architects, LLC	Fort Wayne	IN	AR	C-8008
Sevan Design Solutions	Downers Grove	IL	AR	C-8010
Total Engineering Services, LLC	Longview	TX	PE	C-8022

Board Meeting Firm Report*For Business to Approve*

Meeting Date: September 19, 2019

Page 2 of 2

Company Name	City	State	Profession	Comment
AHBL, Inc.	Tacoma	WA	PE	
Bruner Cooper & Zuck, Inc.	Galesburg	IL	PE	
Canyons Structural	Salt Lake City	UT	PE	
Endpoint Solutions Corp.	Franklin	WI	PE	
Environmental and Production Solutions, Inc.	South Bend	IN	PE	
PACLAND-Portland, Inc.	Clackamas	OR	PE	
PEPM Group, PLLC	Tulsa	OK	PE	
Peter A. Leptuch, P.E.	Denton	TX	PE	
Saber Power Services	Rosharon	TX	PE	

Board Meeting Examinee Report*For PE Comity Second Review*

Meeting Date: September 19, 2019

Page 1 of 1

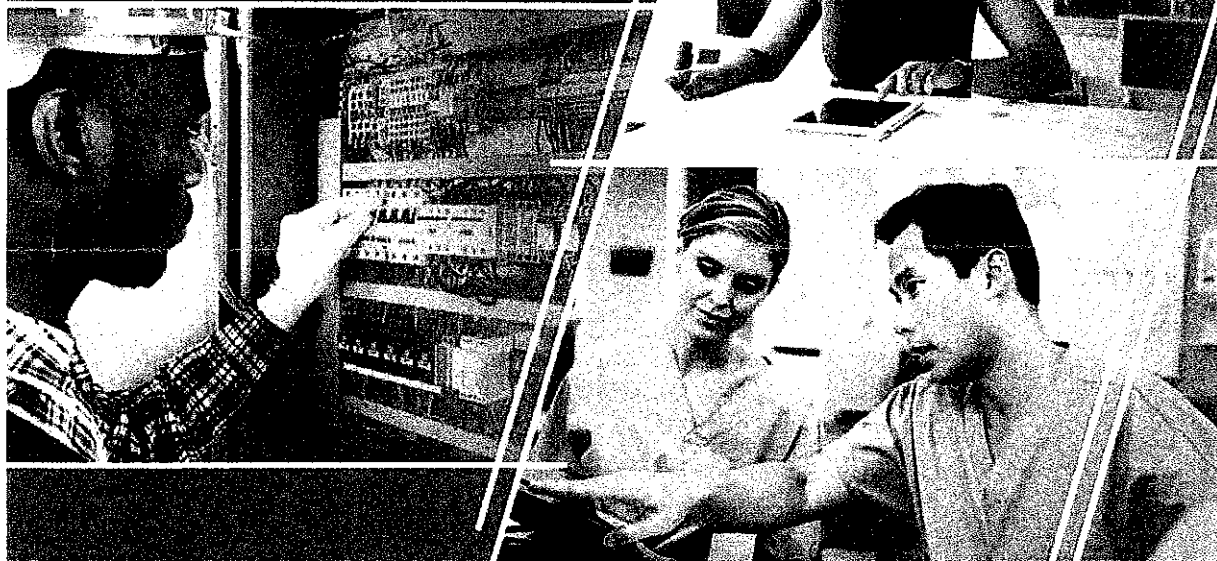
Name	City	State	Comments
Courter, Brent L.	Springfield	MO	

**TRAVEL
MATRIX
BOARD MEMBERS
07/01/2019 through 12/31/2019**

DATES	MEETING	PLACE	BOARD NAME	PAID BY
08/14-17/2019	NCEES Annual Business Meeting	Washington, D.C.	Albertson, Mieke, Peters, Thingelstad, Flynn, Patterson	NCEES funds 3 delegates, MBA, and first-time attendee (Albertson, Peters, Thingelstad, Patterson, Flynn)
09/12-13/2019	South Dakota AIA conference	Sioux Falls, SD	Albertson, Williams, Patterson	Board Funds
10/03/2019	Council of State Governments	Lexington, KY	Patterson	CSG pays airfare & lodging



**The Council
of State
Governments**



OCCUPATIONAL LICENSING POLICY SEMINAR

CSG SOUTH & CSG MIDWEST • OCTOBER 3, 2019 • LEXINGTON, KY

Over the last 60 years, the number of jobs requiring an occupational license has grown from about 1 in 20 to nearly 1 in 4. When implemented properly, occupational licensing can help protect the health and safety of consumers by requiring practitioners to undergo a designated amount of training and education in their field. However, disparities in occupational licensing laws across states can create barriers for those looking to enter the labor market and make it harder for workers to relocate across state lines. Certain populations—including military spouses and families, immigrants with work authorization, people with criminal records, and unemployed and dislocated workers—are particularly affected by the requirements and variances of occupational licensing.

States are increasingly examining licensing criteria to ensure that existing and new licensing requirements are not overly broad, burdensome or restrictive, and that they do not create unnecessary barriers to labor market entry. Many states are also improving the portability and reciprocity provisions for selected occupations across state lines.

The Council of State Governments is pleased to host this one-day seminar on occupational licensing policy for members of CSG's South and Midwest regions. Programming will explore best practices from other states, policy to aid disproportionately affected populations and licensure reciprocity mechanisms such as interstate compacts. Participants in the seminar will become familiar with occupational licensing policy in their own state as well.

The seminar will be on October 3 in Lexington, Kentucky. CSG is providing hotel and travel costs to the seminar to ensure all interested members are able to participate. We look forward to seeing you in Lexington.



Save the Date – New Board Members and Executives/Administrators Orientation

Join us in Washington, DC, from February 12-14, 2020, for an orientation for new design profession licensing board members and executives/administrators jointly hosted by:

Council for Interior Design Qualification – CIDQ

Council of Landscape Architectural Registration Boards – CLARB

National Council of Architectural Registration Boards - NCARB

National Council of Examiners for Engineering and Surveying - NCEES

WHAT

An in-person orientation training event for board members and executives/administrators who are new to serving on boards that regulate architects, engineers, interior designers, landscape architects, and surveyors.

WHY

Provide attendees with tools and resources to be effective, share best practices, learn how the four national associations support member boards, and discuss today's challenging regulatory environment and the role licensing boards can play to help educate policymakers and the public about their work to protect public health, safety and welfare.

WHEN

February 12-14, 2020

WHERE

NCARB office

1401 H ST NW

Washington, DC 20005

In the coming months, you'll receive more details regarding the orientation's agenda, speakers, and registration information. Questions? Contact joint-orientation@ncarb.org.



RECEIVED

JUL 22 2019

SD BOARD OF
TECHNICAL PROFESSIONS

330 East Kansas City Street, Suite 200 • Rapid City, SD 57701-4016
605-394-2436 • 800-211-7591 • FAX 605-394-6679 • foundation@sdsmt.edu • <http://foundation.sdsmt.edu>

SD Board of Technical Professions
2525 W Main Ste 211
Rapid City, SD 57702

July 19, 2019

Dear Ms. Kathryn Patterson:

Effective July 1, 2019, the Foundation's advancement fee for endowed gifts will be set at 1.4%. In making this decision, the Board of Trustees considered two primary factors: Foundation operational deficits and the University's new campus Strategic Plan.

Over the past 5-years, the operational focus of the Foundation has been (1) increased collaboration with the Alumni Association, (2) improvements to operational efficiency while holding operational expenses flat, and (3) improving investment strategies and endowment returns. Through those efforts, we are working closely with the Alumni Association to engage alumni at every stage of their careers and recently achieved the best back-to-back fundraising years in the Foundation's history.

Though the Foundation has achieved these successes without an increase to its operating budget over a four-year period, it has operated under a deficit the past two years. This deficit was the result of the decrease in the endowment fee. When we set that diminishing fee plan, our strategy was to increase unrestricted giving to the Mines Annual Fund. Despite investing in external resources, the Mines Annual Fund peaked three years ago and has been unable to fully offset the decrease in endowment fees. This pattern reflects the recent focus shift in higher education by donors to restricted (directed purpose) giving.

To establish a sustainable operations funding model and increase development activities to meet future university needs, the Board of Trustees approved the endowment fee change while also working to increase funding support from the university. Together, these will offer operational sustainability to provide the resources necessary to encourage greater philanthropic support for the university. For perspective and transparency, we've also enclosed a document showing how we compare to other universities in our region.

Under the leadership of our University President, Dr. Jim Rankin, we are embarking on a new campus Strategic Plan to strengthen and elevate the university. The Foundation will be supporting the university in three principal areas: Scholarships, Facilities, and Programs. Dr. Rankin has set forth an aggressive vision to provide 4-year scholarships, build a new Mineral Industries building, and strengthen research activities. To successfully achieve this vision, the Foundation must elevate our practices and invest in additional development resources.

The fiduciary responsibility entrusted to the Foundation by our endowment holders is taken very seriously, and our pledge to endowment holders will always remain to honor their directed purpose to maximize support to the School of Mines. Our past and current successes can be attributed to the generous contributions of alumni, friends, faculty, staff, corporations, and foundations to support the many needs of our outstanding university. Our commitment to you is to continue to be great stewards of your generous gifts and elevating everything School of Mines.

Again, our sincere gratitude for your support of Mines.

Sincerely,

Todd Kenner
Chair, SDSM&T Foundation Board of Trustees

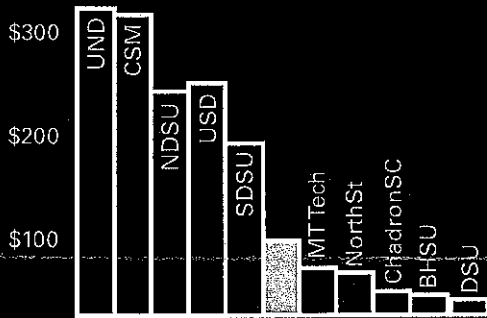
By The Numbers: Fiscal Year 2018

Total Assets

\$90,663,782

Endowment Assets

\$61,013,926



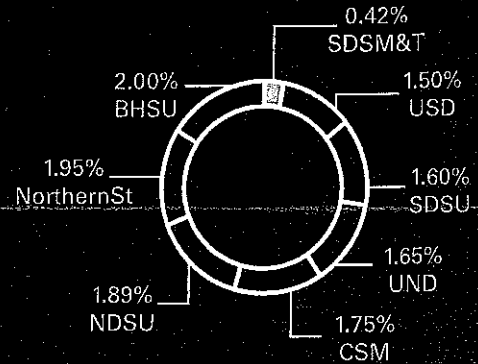
SDSM&T
\$76 Million in Net Assests

Form 990 Foundation
Net Assest - \$ (Million)

The Foundation
Development Cost

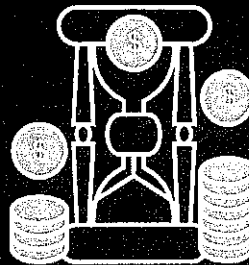
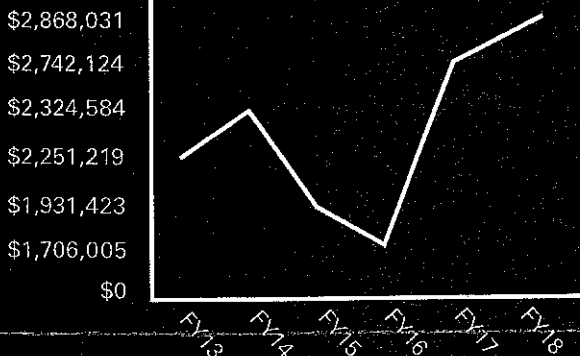
\$1.1 Million

The Foundation raised
**\$7.70 for
every dollar**
spent on development



Foundation Endowment
Management Fees

Scholarship Fundraising
Totals

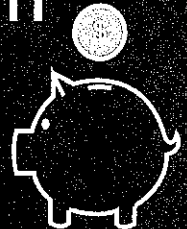


Total dollars transferred
to the University

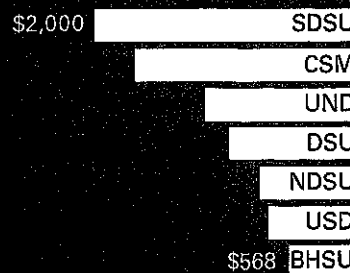
\$4,857,211

Endowment
Return

7.1%



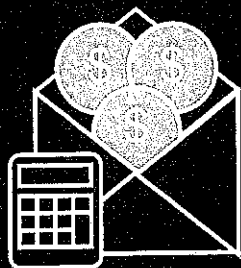
Support from University
\$ (Thousand)



The Foundation
Receives

\$0

In Funds From The
University



SD Mines Foundation

330 E. Kansas City St. Suite 200

Rapid City, SD 57701

605.394.2436

foundation@sdsmt.edu

