

Meeting Agenda
BOARD OF TECHNICAL PROFESSIONS

Zoom Conference Call or In Person

<https://state-sd.zoom.us/j/95706567917?pwd=SXdYNEVmMnMyM3RFOUxTQnRWWIREZz09>

or Call +1-346.248.7799 Meeting ID: 957 0656 7917 Passcode: 758203

July 23, 2021 8:30 a.m. (MDT)

- A. Call to order at 8:30 A.M. MDT
- B. Roll Call
- C. Review of May 21, 2021 Meeting Minutes
- D. Public Comments
- E. Review vouchers; Activities report ending June; Review of Deposits/Financials
- F. Investigation reports
 - Case 20-03 PE – Bridge Structural – Calculations
 - Case 21-01 PE – Plans stamped with out of state seal
 - Case 21-02 PE – No Response to Audit
 - Case 21-03 LS – No Notification of Address Change
 - Case 21-04 – Construction without A&E Services
 - Case 21-05 PE – Negligence of professional standards
 - Case 21-06 LS – Negligence of professional standards
 - Case 21-07 LS – Failure to report violations
- G. Unfinished Business
 - Action Items
- H. New Business
 - Declaratory Ruling – Land Surveying SDDOT Projects
- I. PDH Audits
- J. Approval of Examinees passing NCEES Examinations (Appendix A)
- K. Approval to take the NCEES Examinations as available (Appendix B)
- L. Approval of Comity applications (Appendix C)
- M. Approval of Business applications (Appendix D)
- N. Review previous applications (Appendix E)
- O. Annual, zone, & upcoming meetings
- P. Correspondence
- Q. Adjournment

Meeting Minutes
SOUTH DAKOTA BOARD OF TECHNICAL PROFESSIONS
Microsoft Teams Meeting – Conference Call
May 21, 2021 8:30 a.m. (MDT)

Chair Steve Thingelstad called the meeting to order at 8:30 a.m. MDT a quorum was present

Members Present: Steve Thingelstad; Steve Peters; Catherine Dekkenga; Mike Albertson; Ryan Callaghan; Steve Williams. Colby Flynn was not able to attend.

Others present: Graham Oey, Staff Attorney; Kathryn Patterson, Executive Director; Lorrie Thompson, Senior Secretary; Nancy Hoines; Tanya Olson; Kyle Hibbs; Robert Pleau; Branson Tolliver

Review of March 26, 2021 Meeting Minutes

Albertson made a motion, seconded by Peters to approve the minutes of March 26, 2021. **MOTION PASSED**

Public Comments – None noted from meeting attendees

Review vouchers; Activities report ending April; Deposits/Financials

Reviewed by Board and found to be in order

Investigation reports

Case 20-03 PE – Bridge Structural – Calculations – work ongoing – case in process

Case 21-01 PE – Plans stamped with out of state seal – additional Board member added to investigative committee – consent agreement should be ready for July meeting

Case 21-02 PE – No Response to Audit – consent agreement should be ready for July meeting

Case 21-03 LS – No Notification of Address Change

Motion by Peters, seconded by Callaghan to send a letter of reprimand to licensee with understanding it would also be sent to NCEES. **Motion Passed**

Unfinished Business

Action Items

Fire Protection Systems - Article from PE magazine published by NSPE was discussed. Catherine Dekkenga will replace Steve Williams on this item. Nancy Hoines offered to help with sending letters to SDES members on Fire Protection Exam by NCEES and NICET Certifications

Marketing and Outreach – Staff is working on vehicle to deliver newsletters and information to licensees via email. Purchasing software to do so.

Update Acronyms found in Blue Book – Staff working on for Administrative Rules revisions

New Business

NCARB – ARE Update – Migration to PSI firm

CLARB

NCARB Fast Facts – March 2021

NCEES no-fee to transmit records for military/spouses

NCARB Update

CLARB
NCEES – Centennial Website
NCARB – ARE Update – Online testing tips
NCEES – Resolution of Cooperation
NCARB – ARE Migration to PSI – second update
Article on One-Size-Fits-All licensing – published in ‘Governing’

The Board briefly discusses the above items.

Election of officers for FY22

Motion by Peters, seconded by Albertson for FY22 officers to be Chair, Colby Flynn; Vice Chair, Catherine Dekkenga; and Secretary, Ryan Callaghan. **Motion Passed**

PDH Audits

New Audits: Timothy J. Deckert, LA; Lawrence John Auringer, AR; Robert Gary Guleck, AR; William David Pounds, Jr., AR; Robert W. Lux, Jr., LS; Stephen L. Humphries, LS; Derek J. Weidensee, LS; Jasper Baron Calcara, PE; Keith Curtis Flanagan, PE; Jerod Bruce Klabunde, PE; Michael A. Pawlak, PE; Gordon Reigstad, PE; and Michael L. Wilson, PE.

Previous Audits: Jared Franz Jones, PE; Terrence Lee Rothanzl, LS; and Kenneth Rathbun, PE.

Motion by Williams, seconded by Dekkenga to approve the audit of Timothy J. Deckert, LA. **Motion Passed**

Motion by Williams, seconded by Dekkenga to approve the audits of Lawrence John Auringer, AR; Robert Gary Guleck, AR; and William David Pounds, Jr. AR. **Motion Passed**

Motion by Peters, seconded by Thingelstad to not approve the audit of Robert W. Lux, Jr. pending receipt of additional information. **Motion Passed**

Motion by Peters, seconded by Thingelstad to approve the audits of Stephen L. Humphries and Derek J. Weidensee. **Motion Passed**

Motion by Albertson, seconded by Callaghan, to approve the audits of Jasper Baron Calcara, PE; Jerod Bruce Klabunde, PE; Gordon Reigstad, PE; and Michael L. Wilson, PE. **Motion Passed**

Motion by Albertson, seconded by Callaghan, to not approve the audit of Keith Curtis Flanagan, PE, pending receipt of additional information. **Motion Passed**

Motion by Callaghan, seconded by Albertson, to not approve the audit of Michael A. Pawlak, PE, pending receipt of additional information and a mandatory audit to be done next year. **Motion passed.**

Motion by Peters, seconded by Thingstad, to approve the previous audit of Terrence Lee Rothanzl, LS, with recent hours earned to not be available for the next audit. **Motion Passed**
Motion by Albertson, seconded by Callaghan, to approve the audits of Jared Franz Jones, PE, and Kenneth Rathbun, PE. **Motion Passed**

Approval of Examinees passing NCEES Examinations (Appendix A)

Motion by Albertson, seconded by Thingelstad, for approval of the following examinees on passing the Fundamentals of Engineering (FE) Exam. **Motion Passed**

Name	Certificate #	Exam
Nelson, Ian McKay	E-12999	FE
Erickson, Dylan Joseph	E-13000	FE
Martian, Nathan Jacob	E-13001	FE
Burg, Brayden	E-13002	FE
Fiegen, Alexnder Lee	E-13003	FE
Wolters, Andrew	E-13004	FE
Fisher, Nicholas	E-13005	FE
Irwin, Samuel Clyde	E-13006	FE
Schumann, Kate	E-13007	FE
Stoel, Mathew Lee	E-13008	FE
Levitt, Colton Michael	E-13009	FE
Caba, Samuel Jason	E-13010	FE
Coulter, Cody Richard	E-13011	FE
Endreson, Alexander Steven	E-13012	FE
Bonzell, Garrett Milton	E-13013	FE
Larson, Daniel Nicolai	E-13014	FE
Gonzalez, Joscelyne Del Carmen	E-13015	FE
Schaeffer, Whitney	E-13016	FE
Bankers, Hana R.	E-13017	FE
Weber, Alexander Adam	E-13018	FE
Barron, Alexander David	E-13019	FE
Orth, Dillon Brooks	E-13020	FE
Hernandez, Marco	E-13021	FE
Nelson, Adam	E-13022	FE
Barbagallo, Conner	E-13023	FE
Winter, Jack Louis	E-13024	FE
Windschitl, Kyle Jon	E-13025	FE
Bierschbach, William M.	E-13026	FE
Schoenauer, Cade Benjamin	E-13027	FE
Heikens, Matthew James	E-13028	FE

Name	Certificate #	Exam
Lindstrom, Thomas Darrel	E-13029	FE
Lucas, John Thomas	E-13030	FE
Giefer, Edmund Joseph	E-13031	FE
Mahowald, Nicholas	E-13032	FE
Mollers, Devin	E-13033	FE
Lipinski, Matt	E-13034	FE
Masloski, Alexander Joseph	E-13035	FE
Weldreyer, Camden	E-13036	FE
D'Agostino, Derrick	E-13037	FE
Weier, Kyle William	E-13038	FE
Kleve, Anton Joseph	E-13039	FE
Hector, Benjamin Jensen	E-13040	FE
Kaul, Tyler James	E-13041	FE
Dahme, Jacob Ronald	E-13042	FE
Hoffman, Andrew	E-13043	FE
Nelson, Andrew Earl	E-13044	FE
Aycock, Connor Jensen	E-13045	FE
Tiehen, Jacob Patrick	E-13046	FE
Hall, Tyler	E-13047	FE
Schroder, Daniel	E-13048	FE
Witcraft, Ryan	E-13049	FE
Erickson, Austin R.	E-13050	FE
Zell, Nicholas	E-13051	FE
Miller, Nathan W.	E-13052	FE
Elbers, Jaidyn Elisabeth	E-13053	FE
Sobania, Elizabeth	E-13054	FE
Wagner, Benjamin Marshall	E-13055	FE
Todey, Patrick	E-13056	FE
Mali, Rohit	E-13057	FE
Bertsch, Jonathan Michael	E-13058	FE

Motion by Albertson, seconded by Callaghan, for approval of the following examinees on passing the Principles of Engineering (PE) Exam. **Motion Passed**

Name	License #	Exam
Clemen, Phillip	15103	FP
DeWit, Jordan Rae	15104	ME – HVAC and Refrigeration

Motion by Peters, seconded by Thingelstad, for approval of the following examinee on passing the Principles of Surveying (PS) Exam. **Motion Passed**

Name	License #	Exam
Severson, Michael	15192	PS

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

Motion by Albertson, seconded by Williams, for approval of the following examinees to take the Fundamentals of Engineering (FE) Exam as available. **Motion Passed**

Name	Exam
Dykstra, Jay Joseph	FE
Elbers, Jaidyn Elisabeth	FE
Hecht, Tucker	FE
Giefer, Edmund Joseph	FE
Greenfield, Matthew Jacob	FE
Hector, Benjamin Jensen	FE
Julius, Brian	FE
Kummer, Benjamin Norman	FE
Larson, Renner Mcarthur	FE
Lindsey, Shayla Rae	FE
Meek, Dylan Russell	FE
Merritt, Isaiah	FE
Miller, Jared Christopher	FE
Mollers, Devin	FE
Myers, Timothy	FE
Ratcliffe, Louis Arthur	FE
Scott, Skyler	FE
Smith, James Fremont	FE
Smith, trey	FE
Techlenburg, Trevor Dale	FE
Word, Murdoch Alexander	FE

Motion by Albertson, seconded by Thingelstad, for approval of the following examinee to take the Principles of Engineering (PE) Exam as available. **Motion Passed**

Name	City	State
State, Nicholas Allen	Sioux Falls	SD

Motion by Peters, seconded by Thingelstad, for approval of the following examinee to take the Principles of Surveying (PS) Exam as available. **Motion Passed**

Name	City	State
Schinkel, John Douglas	Brookings	SD

Approval of License by Exam (Appendix C)

Motion by Williams, seconded by Dekkenga, for approval of the Architect (AR) by exam. **Motion Passed**

Name	City	State	Profession	Comments
Pfeil, Levi	Sioux Falls	SD	AR	15215

Motion by Albertson, seconded by Thingelstad, for approval of the Assessor (A) by exam. **Motion Passed**

Name	City	State	Profession	Comments
Patrick, Matthew	Minneapolis	MN	A	15276

Approval of Comity applications (Appendix D)

Motion by Williams, seconded by Dekkenga, for approval of the Architects (AR) by comity. **Motion Passed**

Name	City	State	Profession	License #
Aull, Robert Craig	Columbia	SC	AR	15201
Ball, J. Chris	Rogersville	MO	AR	15216
Combs, David Michael	Scottsdale	AZ	AR	15196
Cunningham, Chris	River Hills	WI	AR	15202
Dougherty, James E.	Anchorage	AK	AR	15203
Golden, Gregg Roman	Muskego	WI	AR	15204
Higa, Scott Robert	Aurora	CO	AR	15205
Jaccard, Lawrance	Washington	DC	AR	15206
Kirchner, Scott C	Omaha	NE	AR	15207
Knowles, Tim George	Dunedin	FL	AR	15197
Lougheed, Whitney Anne	Litchfield	MN	AR	15198
Mitzelfelt, Bradley Ryan	Rapid City	SD	AR	15208
Morris, Bobby	Richmond	KY	AR	15199
Oliveri, Joseph L.	Palm Harbor	FL	AR	15209
Overton, John	West Des Moines	IA	AR	15210
Pranger, Joshua	Fort Wayne	IN	AR	15211
Puestow, Jason	Nashotah	WI	AR	15212
Ridgely, Josh	Johnston	IA	AR	15213
Schaefer, Michael J.	Wauwatosa	WI	AR	15214
Wiesen, Jeremy Paul	North Mankato	MN	AR	15200

Motion by Albertson, seconded by Callaghan, for approval of the Professional Engineers (PE) by Comity. **Motion Passed**

Name	City	State	Profession	License #
Adams, Jason Christopher	Bella Vista	AR	PE	15218
Allen, Joshua C.	Lititz	PA	PE	15219
Babetski, Andrew	Denver	PA	PE	15220
Arvay, Peter J.	Skillman	NJ	PE	15221
Berglund, Andrew R.	Bennett	CO	PE	15222
Blake, Peter	Rapid City	SD	PE	15223
Blanchard, Laura Michelle	Lawrence	KS	PE	15224
Bloch, Krystle	Cambridge	MN	PE	15225
Burns, Jason Michael	White Bear Lake	MN	PE	15226
Carleton, Jeffrey Scott	Wasilla	AK	PE	15227
Case, Michael Scott	Bothell	WA	PE	8060
Cox, Gayle Dean	Watford City	ND	PE	15228
Culver, Jessica	Mundelein	IL	PE	15229
Daubert, Jason Lee	Northampton	PA	PE	15230
Demshar, Peter Martin	Duluth	MN	PE	15231
Dickey, Jonathan	Choctaw	OK	PE	15232
Doubt, Marcus	Lumberton	TX	PE	15233
Draper, Myron Lee III	New Windsor	MD	PE	15234
Drumheller, Paul W.	Cary	NC	PE	15235
Forsyth, Jonathan	Gibsonville	NC	PE	15236
Gettler, Jonathan Charles	South Amana	IA	PE	15237
Granzow, Frederich Eric	Omaha	NE	PE	15238
Harrison, David	Woodbury	MN	PE	15239
Hegge, Jonathan	Brooklyn Park	MN	PE	15240
Heine, John	Billings	Mt	PE	15241
Henderson, Matthew Thomas	Greenwood Village	CO	PE	15242
Hennessey, Austin M.	Bondurant	IA	PE	15243
Hiebert, Michael	Lafayette	CA	PE	15244
Houts, Danielle	Lake Park	MN	PE	15245
Hunter, Hampton Eugene	Matthews	NC	PE	15246
Hyatt, Darin E.	Oakdale	MN	PE	15247
Ingwersen, Ross	Norwalk	IA	PE	15248
Jaquish, Phil	Interlochen	MI	PE	15249
Krippner, Matthew	Verona	WI	PE	15250
Lamb, Seth James	Ankeny	IA	PE	15251
Leatherman, Brent	Kouts	IN	PE	15252
Marr, Christopher	Houlton	WI	PE	15253
Moon, Douglas M.	Corona	CA	PE	15254
Myers, Amanda C.	Bixby	OK	PE	15255
Nagel, Douglas Robert	St. Michael	MN	PE	15256
Najera, Edgar	Port Neches	TX	PE	15257
Nehila, Nicholas	Freehold	NJ	PE	15258

Name	City	State	Profession	License #
Noll, Daniel Patrick	Rochester	NY	PE	15259
Nork, Matthew	Aurora	CO	PE	15260
Odens, Lisa Dawn	Big Lake	MN	PE	15261
Parker, Alison Marie	Olathe	KS	PE	15262
Patton, Susan B.	Palisade	CO	PE	15263
Qiao, Chong	Akron	OH	PE	15264
Rich, Dennis Gerald	Calumet	MI	PE	15265
Rockwell, Bruce Milo	Boonton	NJ	PE	15266
Rosenthal, Erin Kathleen	Leawood	KS	PE	15267
Shones, Gabe	Woodburn	OR	PE	15268
Towner, Mark Alan	Overland Park	KS	PE	11012
Uecke, Steven	Winfield	IL	PE	15269
Wahr, Andrew	Parker	CO	PE	15270
Williams, Keri	Glenview	IL	PE	15271
Williams, Randall S.	Anchorage	AK	PE	15272
Wilson, Joe Max Jr.	Orange	TX	PE	15273
Winzler, Allen Arthur	West Chester	OH	PE	15274
Wolff, Robin Lynn	Lake Mills	WI	PE	15275

Motion by Williams, seconded by Dekkenga, for approval of the Architect (AR) by Comity.

Motion Passed

Name	City	State	Profession	License #
Pleau, Robert Joseph	Rapid City	SD	AR	15280

Motion by Peters, second by Thingelstad, for approval of the Land Surveyors (LS) by Comity.

Motion Passed

Name	City	State	Profession	License #
Horne, Philip Ryan	Shippensburg	PA	LS	15278
O'Dean, Jeramiah David	Pittsburg	PA	LS	15279

Motion by Peters, seconded by Thingelstad, for denial of the Land Surveyor (LS) based on receipt of additional information. **Motion Passed**

Name	City	State	Profession
Keller, John David	Frisco	TX	LS

Motion by Albertson, seconded by Callaghan, for denial of the Professional Engineer (PE) based on lack of required number of professional engineer references. **Motion passed**

Name	City	State	Profession
Sullivan, Paul D.	Wichita	KS	PE

Approval of Business applications (Appendix E)

Motion by Albertson, seconded by Callaghan, for approval of the following Business Entity Applications. **Motion Passed**

Company Name	City	State	Profession	License #
Agapito Associates, Inc.	Grand Junction	CO	PE	C-8334
AESUS Design Group, LLC	Tempe	AZ	AR	C-8298
Apex Industrial, LLC	Urbandale	IA	PE	C-8329
Arceneaux Wilson & Cole LLC	Port Arthur	TX	PE	C-8338
Arkinetics	Cleveland	OH	AR	C-6972
Arup US, Inc.	New York	NY	PE	C-8297
Asplundh Engineering Services, LLC	Willow Grove	PA	PE	C-8335
Bergmann Assoc., Architects, Engineers, Landscape Architects	Rochester	NY	AR	C-8309
Blanchard AE Group, LLC	Lawrence	KS	PE	C-8322
Bloch engineering PLLC	Cambridge	MN	PE	C-8323
Carleton Engineering and Design Services, LLC	Wasilla	AK	PE	C-8324
Case Engineering	Bothell	WA	PE	C-2434
Coolsys Energy Design, LLC	Brea	CA	PE	C-8321
CY Design + Development	River Hills	WI	AR	C-8301
Downing Construction	Indianola	IA	AR	C-8302
Dutchland, Inc.	Gap	PA	PE	C-8320
EDI-Dolejs, Inc.	Minneapolis	MN	PE	C-8310
Efraimson Electric Inc.	Aberdeen	SD	PE	C-8311
Entertainment and Rigging Engineering LLC	West Chester	OH	PE	C-8339
Essentia, Inc.	Charlotte	NC	PE	C-8327
G3 Architecture, Inc.	Greenwood Village	CO	AR	C-8303
Grossman and Keith Engineering Company	Oklahoma City	OK	PE	C-8325
Harris Group, Inc.	Seattle	WA	PE	C-8336
Hunter Structural PA	Charlotte	NC	PE	C-8328
ICC PEI LLC	Goshen	IN	PE	C-8312
Indigo Design	Box Elder	SD	PE	C-8313
Jack Ball and Associates Architects PC	Springfield	MO	AR	C-8304
Jason C. Adams, PE	Rogers	AR	PE	C-8319
Keffer/Overton Associates, Inc.	West Des Moines	IA	AR	C-8305
Klar and Klar Architects	Clearwater	FL	AR	C-8299
Koffel Associates, Inc.	Columbia	MO	PE	C-8326
LaBella Associates, D.P.C.	Rochester	NY	PE	C-8333
M. Towner Engineering	Kansas City	MO	PE	C-8337
Morris Workshop Architects	Lexington	KY	AR	C-8300
NPV Engineering, Inc.	Ventura	CA	PE	C-8332
Old Sorrell Engineering PLLC	Apex	NC	PE	C-8314
Oliveri Architects, Inc.	Palm Harbor	FL	AR	C-8306

Company Name	City	State	Profession	License #
OTJ Architects Inc.	Washington	DC	AR	C-8307
Pranger Group, Inc.	Fort Wayne	IN	AR	C-8308
Rhoades Engineering Corporation	Muskegon	MI	PE	C-8330
Ridgeline Structural Systems, Inc	Kouts	IN	PE	C-8331
Rumrill Architecture	Pierre	SD	AR	C-8315
WerBest LLC	Yankton	SD	PE	C-8316
SMW Engineering Group Inc.	Birmingham	AL	PE	C-8317
Whirlwind Steel Buildings	Houston	TX	PE	C-8318

Motion by Albertson, seconded by Thingelstad, for denial of the following Business Entity Application based on lack of a licensed professional. **Motion Passed**

Company Name	City	State	Profession
Paul Sullivan, PE	Wichita	KS	PE

Review previous applications (Appendix F)

Motion by Albertson, seconded by Callaghan, for approval of the following Professional Engineer (PE) application on second review. **Motion Passed**

Name	City	State	Profession	License #
Cramer, James J.	Akron	OH	PE	15277

Motion by Albertson, seconded by Callaghan, for approval of the following Business Entity Application on second review. **Motion Passed**

Company Name	City	State	Profession	License #
Cramer Engineering, LLC	Akron	OH	PE	C-8340

Annual, zone, & upcoming meetings

Board discussed the upcoming NCARB Annual Business Meeting to be held in Los Angeles, CA on June 24 – 26, 2021. Meeting is planned to be a combination of Virtual and In-Person.

Correspondence

No correspondence was received for discussion.

Adjournment

There being no further business, at the hour of 10:17 a.m. MDT the meeting of the South Dakota Board of Technical Professions adjourned.

Kathryn Patterson
Executive Director

VOUCHERS PAID

DATE	VENDOR	SERVICE	Amount	LT REVIEW	KP REVIEW	SENT TO PIERRE	PAID	TP#
05/07/2021	Servall Linen	Entry Mats	7.28	05/07/2021	05/07/2021	05/07/2021	05/07/2021	TP21-140
05/07/2021	A&B Business Solutions	Copier rent + copies	104.87	05/07/2021	05/07/2021	05/07/2021	05/19/2021	TP21-141
05/07/2021	Pitney Bowes	Postage Reserve	5000.00	05/07/2021	05/07/2021	05/07/2021	05/19/2021	TP21-142
05/14/2021	Servall Linen	Entry Mats	7.28	05/14/2021	05/14/2021	05/14/2021	05/21/2021	TP-21-143
05/10/2021	Innovative Office	Office Supplies	514.58	-----	-----	-----	05/27/2012	ACH
05/20/2021	State of SD	BIT Resource Billing	573.75	05/20/2021	05/20/2021	05/20/2021	06/02/2021	TP21-144
05/21/2021	Servall Linen	Entry Mats	7.28	05/21/2021	05/21/2021	05/21/2021	05/28/2021	TP21-145
05/21/2021	John S. Peters	Board Meeting Travel	134.96	05/21/2021	05/21/2021	05/21/2021	06/30/2021	TP21-146
05/21/2021	Steven K. Williams	Board Meeting Travel	54.32	05/21/2021	05/21/2021	05/21/2021	06/18/2021	TP21-147
05/26/2021	Clock Tower Off.	Office Rent	2250.00	-----	-----	-----	05/26/2021	ACH
05/28/2021	Servall Linen	Entry Mats	7.28	05/28/2021	05/28/2021	05/28/2021	06/09/2021	TP21-148
06/04/2021	Servall Linen	Entry Mats	7.64	06/04/2021	06/04/2021	06/04/2021	06/09/2021	TP21-149
06/07/2021	Pitney Bowes	Lease Payment (3 mo.)	275.94	06/07/2021	06/07/2021	06/07/2021	06/23/2021	TP21-150
06/08/2021	State of SD	Telephone Revolving Account	137.43	06/08/2021	06/08/2021	06/08/2021	06/21/2021	TP21-151
06/09/2021	A&B Business Solutions	Copier rent + copies	103.60	06/09/2021	06/09/2021	06/09/2021	06/23/2021	TP21-152
06/11/2021	Servall Linen	Entry Mats	7.64	06/11/2021	06/11/2021	06/11/2021	06/23/2021	TP21-153
06/21/2021	State of SD	BIT Resource Billing	573.75	06/21/2021	06/21/2021	06/21/2021	06/22/2021	TP21-154
06/21/2021	Servall Linen	Entry Mats	7.64	06/21/2021	06/21/2021	06/21/2021	07/01/2021	TP21-155
06/25/2021	Servall Linen	Entry Mats	7.64	06/25/2021	06/25/2021	06/25/2021	07/01/2021	TP21-156
06/25/2021	Clock Tower Off.	Office Rent	2250.00	-----	-----	-----	06/25/2021	ACH

Reported July meeting

DATE RCVD	CK #	PAYEE	LICENSEE	TYPE	AMOUNT	DEPOSIT DATE	REMARKS
05/17/21	38361	RDG Geoscience & Engineering, Inc.	RDG Geoscience & Engineering, Inc.	Bus Renewal	\$80.00	06/11/2021	
05/17/21	25989	Terra Consulting Group, Ltd	Adam Joseph Brown	PE Renewal	\$80.00	06/11/2021	
05/17/21	2412	Arrow Survey Group, Inc.	Jason David Levanen	LS Renewal	\$80.00	06/11/2021	
05/17/21	10880	Roger E. Sween	Roger Eugene Sween	LS Renewal	\$80.00	06/11/2021	
05/18/21	8732	Kenneth Gregg	Kenneth Gregg	PE App	\$100.00	06/11/2021	
05/19/21	2798	CBB	George L. Crawford & Assoc. Inc.	Bus Renewal	\$80.00	06/11/2021	
05/19/21	13550	Mutchler Bartram Architects PC	Kevin L. Bartram	AR Renewal	\$80.00	06/11/2021	
05/21/21	192275	Superior	Superior Industries	Bus Renewal	\$80.00	06/11/2021	
05/21/21	3224	James Russell	James H. Russell	Inactive Renewal	\$40.00	06/11/2021	
05/24/21	10270	Lochsa Engineering LLC	Ted T. Egerton	PE Renewal	\$80.00	06/11/2021	
05/26/21	5070657	GAI Consultants, Inc.	GAI Consultants, Inc.	Bus Renewal	\$80.00	06/11/2021	
05/27/21	21730	PDMS Design Group, Inc.	PDMS Design Group, Inc.	Bus Renewal	\$80.00	06/11/2021	
06/01/21	6232	John D. Johnson	John D. Johnson	Ret Renewal	\$10.00	06/11/2021	
06/01/21	26853	Ehrhart Griffin & Assoc.	Shannon Lee Johnson	PE Renewal			\$80 - check not dated - bank did not deposit
06/01/21	1651	Robert Polk	Robert Polk	Ret Renewal	\$10.00	06/11/2021	
06/01/21	10411	Mortarless Systems Engineering, Inc.	Mortarless Systems Eng. Inc.	Bus Renewal	\$80.00	06/11/2021	
06/01/21	2367	Hartman Architecture LLC	Roger C. Hartman	AR Renewal	\$80.00	06/11/2021	
06/03/21	5129	Clair L. Budahl	Clair L. Budahl	Ret Renewal	\$10.00	06/11/2021	
06/03/21	10930	Perspective Inc.	Perspective Inc.	Bus Renewal	\$80.00	06/11/2021	

06/03/21	5519	Mikko Ahola	Mikko Ahola		PE Renewal	\$80.00	06/11/2021	
06/03/21	13558	Mutchler Bartram Architects PC	Mutchler Bartram Architects PC		Bus Renewal	\$80.00	06/11/2021	
06/03/21	1177	Diane J. Aas	Diane J. Aas		Ret Renewal	\$10.00	06/11/2021	
06/04/21	1196	William D. Anderson	William D. Anderson		Inactive Renewal	\$40.00	06/11/2021	
06/07/21	3723	Paul E. Maurer	Paul E. Maurer		AR Renewal	\$80.00	06/11/2021	
06/09/21	26576	Republic National, Inc.	Republic National, Inc.		Bus Renewal	\$80.00	06/11/2021	
06/11/21	6056	K S Engineering Inc.	Shane K. Kjellberg		PE Renewal		06/11/2021	
xxx	xxx	xxx	K2S Engineering Inc.		Bus Renewal	\$160.00	06/11/2021	
06/11/21	9132	M J Simons	Donald F. Simons		Inactive Renewal	\$40.00	06/11/2021	\$1,780.00
06/14/21	123409	SHN Consulting Engineers & Geologists	SHN Consulting Engineers & Geologists		Bus Renewal	\$0.00	Returned	no licensed individual linked to business 6/16/2021.(lat)
06/01/21	26853	Ehrhart Griffin & Assoc.	Shannon Lee Johnson		PE Renewal	\$80.00	07/09/2021	\$80 - check not dated - bank did not deposit
06/21/21	35367	Komatsu/Rangel, Inc.	Karl A. Komatsu		Inactive Renewal	\$40.00	07/09/2021	
06/21/21	5624	Leo L. Roberts PE	Leo L. Roberts		PE Renewal	\$80.00	07/09/2021	
06/21/21	5623	Leo L. Roberts PE	Leo L. Roberts, PE		Bus Renewal	\$80.00	07/09/2021	
06/25/21	9658	Seiser Schaefer Architects, Inc.	Henry Spieker		AR Renewal	\$80.00	07/09/2021	
06/28/21	76619	Heidman Law Firm, P.L.L.C.	Michael Bailey Docs			\$41.75	07/09/2021	
06/29/21	9068	Stacey Titus	Stacey P. Titus		PE Renewal	\$80.00	07/09/2021	
07/06/21	9023	ebersoldt + associates	Ebersoldt + Associates, LLC		New business	\$100.00	07/09/2021	
07/06/21	7634	Jared J. Gusso	Jared John Gusso		PE Renewal	\$80.00	07/09/2021	
07/06/21	1273	Jeffrey N. Howe	Howe Land Surveying		Bus Renewal	\$80.00	07/09/2021	
07/06/21	6027	SGA Group Inc.	SGA Group Inc.		Bus Renewal	\$80.00	07/09/2021	

07/07/21	7713	Applied Engineering Group, LTD	Dan R. Rhodes			\$80.00	07/09/2021	
07/08/21	2429	Jeffrey A. Hagge	Jeffrey A. Hagge		PE Renewal	\$10.00	07/09/2021	
07/08/21	7588	John D. Childs	John David Childs		Ret Renewal	\$80.00	07/09/2021	
07/09/21	1951	KTM Design Solutions	David L. Vliem		PE Renewal	\$80.00	07/09/2021	
07/09/21	14471	Upper Deck Architects, Inc.	Upper Deck Architects, Inc.		LS Renewal	\$80.00	07/09/2021	
07/09/21	1043	Ryan J. Schuette	Ryan J. Schuette		Bus Renewal	\$100.00	07/09/2021	
07/09/21	3717	Eric Eneboe	Eric Eneboe		Comity Application	\$80.00	07/09/2021	
					PE Renewal	\$80.00	07/09/2021	\$1,331.75

FINANCIAL COMPARISON FOR FOURTH QUARTER
FY2021
JULY 2020 - JUNE 2021

	FY2021	FY2020	FY2019	FY2018	FY2017
BEGIN BALANCE	450,226.17	358,359.29	473,684.59	521,181.71	794,794.65
EXAMS					
RENEWALS	337,350.00	261,025.00	327,925.00	250,170.00	326,080.00
APPS - PROF	74,200.00	81,850.00	72,300.00	74,340.00	67,425.00
MISC.(dup certs, etc.)	605.00	1,942.21	652.72	9,421.65	102,174.59
LATE PENALTY	21,000.00	15,300.00	16,800.00	17,300.00	15,300.00
INTEREST	9,543.17	9,415.28	7,698.80	10,304.33	9,768.75
REVENUE	442,698.17	369,532.49	425,376.52	361,535.98	520,748.34
TOTAL FUNDS	892,924.34	727,891.78	899,061.11	882,717.69	1,315,542.99
WAGES/STAFF	92,931.92	109,663.08	111,705.27	113,109.56	111,082.58
WAGES/COMM	4,320.00	6,180.00	6,960.00	5,940.00	6,060.00
BENEFITS	36,685.90	48,123.61	40,791.47	45,737.07	42,296.15
TRAVEL	1,661.04	9,370.24	8,482.30	10,029.89	4,895.61
DUES	18,585.00	18,540.00	11,915.00	18,295.00	18,180.00
LEGAL FEES	-	-	-	-	18,012.33
CONSULTANTS					
REGISTRATION	-	810.00	1,140.00	1,009.00	78.00
STATE SVCS	23,099.68	13,379.93	22,781.45	12,393.75	30,388.66
B-PRO COMPUTER	297.50	410.00	175.00	980.00	2,165.00
EQUIP MTN	1,098.66	986.41	819.70	951.96	1,205.94
AUDITS		-		-	4,198.00
JANITORIAL	1,882.80	1,956.86	1,935.44	2,094.01	1,766.80
ADS	126.27	-	146.97	-	124.41
RENT/EQUIP	1,103.76	1,216.80	1,059.85	1,655.64	1,103.76
RENT/OFFICE	27,000.00	27,000.00	25,800.00	25,800.00	25,800.00
RENT/EXAMS	-	-		-	-
TELEPHONE	7,110.85	6,340.09	6,912.83	7,702.95	1,527.01
EXAMS	-	-		-	-
SUPPLIES-Office	4,466.69	3,665.13	4,408.66	4,399.50	4,486.35
PRINTING (shirts 17)	1,335.68	1,373.21	1,997.45	1,342.42	450.13
POSTAGE	10,000.00	10,000.00	5,000.00	10,000.00	10,000.00
CREDIT CARD	-	-	84.95	111.93	475.14
INSURANCE	674.89	1,931.22	2,067.74	1,767.02	703.50
BANK CHGS-Contractual	6,763.86	8,961.37	8,980.58	7,648.39	9,361.91
MISC-Refund Prev Yr Rev	760.00	-			
GRANTS		-	279,710.00		
ASSETS	6,366.41	66.36	272.16	-	-
TOT EXPENSES	246,270.91	269,974.31	543,146.82	270,968.09	294,361.28
UNKNOWN \$	909.34	7,691.30		138,065.01	500,000.00
END BALANCE	647,562.77	450,226.17	358,359.29	473,684.59	521,181.71

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 Dekkenga (Williams)	Fact Gathering On-going
2	01/18/2019	Marketing and Outreach	Newsletter, Webinars, etc.	Board/Staff	Fact Gathering stage - On-going
3	03/01/2021	Update Acronyms found in Blue Book	Review Rules for revision/updating	Staff	Plan to have ready for Nov. LRC for rules change

07/01/2021

NCARB

NCARB UPDATE

MAY 2021 ISSUE

IN THIS ISSUE:

CYBERSECURITY

NCARB has a number of resources and systems in place to ensure that our data remains secure, and our dedicated volunteers recently completed an effort to develop a business continuity version of the exam.

[READ MESSAGE FROM THE CEO](#) 🗣️

FY22 PLANNING

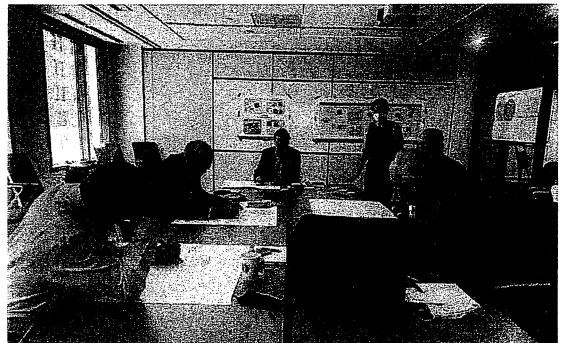
NCARB's leadership worked diligently during the month of May to prepare for FY22, holding planning sessions and training for Board of Directors candidates.

[READ SENIOR LEADERSHIP ENGAGEMENT](#) 🗣️

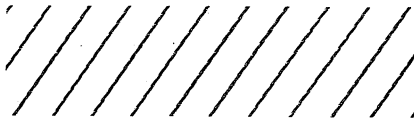
PSI MIGRATION

NCARB recently shared more information about the upcoming migration to PSI with exam candidates.

[READ NCARB IN ACTION](#) 🗣️



President-elect Vidaurri leads an incoming senior Board leadership continuity and planning session in Washington, DC.



MESSAGE FROM THE CEO

Dear Colleagues,

We have all read in recent news reports that a new wave of concerns regarding cybersecurity is upon us. NCARB has maintained a high degree of security regarding its data storage for many years.

We have dedicated resources and ancillary systems engaged in continuous monitoring of incoming cyber communication—with a constant focus on best practices for organizations like NCARB. This includes training to provide state-of-the-art knowledge and tools toward protecting all the different data sets we maintain. Further, the entire NCARB staff engages in mandatory annual training on safeguards and awareness in this important arena.

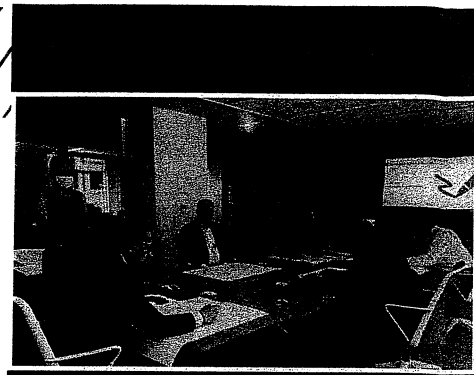
Earlier this year, we finished a multiyear effort to develop a “shadow exam” that will be regularly updated and impervious to cyberattacks. This capability will assure that should the current exam be seriously compromised, the Council will be able to administer the exam within a reasonable period.

As a final note, we never store or save personal information such as credit card numbers.

Please let us know if you have any questions, comments, or concerns regarding this important issue. As we continually move toward information management as a primary focus, our obligation to each other and our stakeholders remains paramount.

Best wishes,

Michael Armstrong
Chief Executive Officer



CEO Armstrong engages with senior Board of Directors members at the NCARB office during a planning session for FY22.

CEO INTERNAL ENGAGEMENTS

PENNSYLVANIA STATE ARCHITECTS LICENSURE BOARD

May 5

NCARB TOWN HALL AND BOARD MEETING

May 12

WYOMING BOARD OF ARCHITECTS AND LANDSCAPE ARCHITECTS MEETING

May 13

CEO EXTERNAL ENGAGEMENTS

SIX ARCHITECTURAL COLLATERAL EXECUTIVES MEETING

May 6

AMERICAN INSTITUTE OF ARCHITECTS (AIA) WYOMING

May 13

FEDERATION OF ASSOCIATIONS OF REGULATORY BOARDS (FARB) EXECUTIVE BOARD MEETING

May 14

INTERORGANIZATIONAL COUNCIL ON REGULATION (ICOR) CEO MONTHLY MEETING

May 14

CEO EXTERNAL ENGAGEMENTS CONT.

NATIONAL ORGANIZATION OF MINORITY ARCHITECTS (NOMA)/NCARB BASELINE ON BELONGING CHECK-IN

May 20

TEXAS SOCIETY OF ARCHITECTS OUTREACH

May 21

SIX ARCHITECTURAL COLLATERALS LEADERSHIP MEETING

MAY 28

ASIA-PACIFIC ECONOMIC COOPERATION (APEC) CENTRAL COUNCIL SPECIAL MEETING

MAY 28

SENIOR LEADERSHIP ENGAGEMENT

- **FY22 NEW BOARD OF DIRECTORS ORIENTATION**

May 5, 19, and 26

- **NCARB SENIOR BOARD LEADERSHIP CALL**

May 11 and 20

- **NCARB BOARD CALL**

May 26

- **NCARB SENIOR BOARD LEADERSHIP RETREAT**

May 27-28

- **SIX ARCHITECTURAL COLLATERALS LEADERSHIP MEETING**

May 28

- First Vice President/President-elect Alfred Vidaurri Jr., NCARB, NOMA, FAIA (of Texas) and CEO Michael Armstrong hosted the first three of five virtual onboarding sessions for several FY22 Board of Directors candidates:
 - Candidate for Member Board Executive Director Cathe M. Evans of North Carolina
 - Candidate for Director of Region 6 Sylvia Kwan, FAIA, LEED AP, of California
 - Candidate for Director of Region 3 Richard H. McNeel, AIA, NCARB, LEED AP, of Mississippi
- President-elect Vidaurri led an incoming senior Board leadership continuity and planning session in Washington, DC, with President Robert M. Calvani, FAIA, NCARB (of New Mexico); Second Vice President Bayliss Ward, NCARB, AIA (of Montana); and Treasurer Jon Alan Baker, FAIA, NCARB, LEED AP (of California).



President Calvani, First Vice President Vidaurri, and CEO Armstrong participate in a meeting of the six architectural collaterals' leadership.

MAY VIRTUAL OUTREACH

K-12 PRESENTATIONS

- Roosevelt High School | May 24

UNIVERSITY PRESENTATIONS

- Columbia University | May 11
- University of Washington | May 19

UPCOMING VIRTUAL OUTREACH

UNIVERSITY PRESENTATIONS

- AIA Atlanta | June 9
- AIA Miami | June 10

AIA/PROFESSIONAL CONFERENCES

- AIA Conference on Architecture | June 17

ORGANIZATIONAL DEVELOPMENT AND OFFICE LIFE

- The staff Inclusion/Diversity/Equity/Agility (IDEA) Work Group continued its engagement with consultants to develop recommended policies and next steps regarding workplace culture under the auspices of the Organizational Health initiative.
- NCARB offices reopened as an “optional” workspace, with a more formal policy regarding remote work to be in place in time for the new school year. In-office meetings included hosting President Calvani, President-elect Vidaurri, Second Vice President Bayliss Ward, Treasurer Baker, and immediate Past President Terry L. Allers, FAIA, NCARB, Hon. FCARM, for a series of engagements.



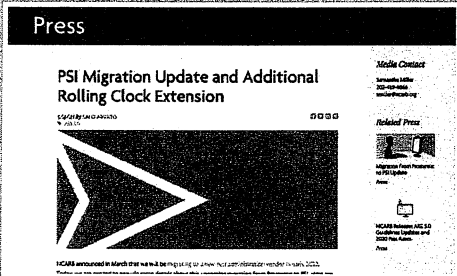
NCARB IN ACTION

KEEP UP WITH WHAT'S NEW



NCARB IN THE NEWS

- **Tech Century:** [Unique LTU program graduates Michigan's youngest licensed architect at age 23](#)
- **Architectural West:** [Construction Law: Does a Designer Need to Be Licensed?](#)
- **University of Miami:** [Student reflects on the intersection of Black culture and architecture](#)



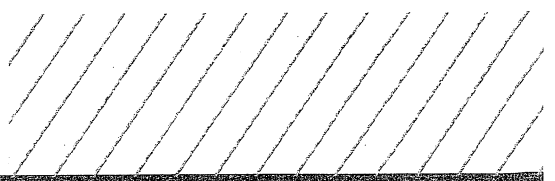
NCARB PRESS

- [PSI Migration Update and Additional Rolling Clock Extension](#)



TOP BLOG POSTS

- [Get Help on the Path to Becoming an Architect with a Licensing Advisor!](#)
- [NCARB Vocabulary 101: Terms to Familiarize Yourself With](#)
- [Do's and Don'ts for Taking ARE 5.0 Online](#)



NCARB SOCIAL

THIS MONTH'S FEED



@TheARPL

Licensed #architect Dena Prastos protects her community by creating resilient and sustainable waterfront infrastructure. @NCARB interviewed Dena about how her work promotes equity: <https://t.co/wAGBxpT2kA?amp=1>



@nsbaidrd

Getting ready to take the ARE? Be sure to take advantage of @NCARB's free demonstration exam and ARE 5.0 video test prep series.



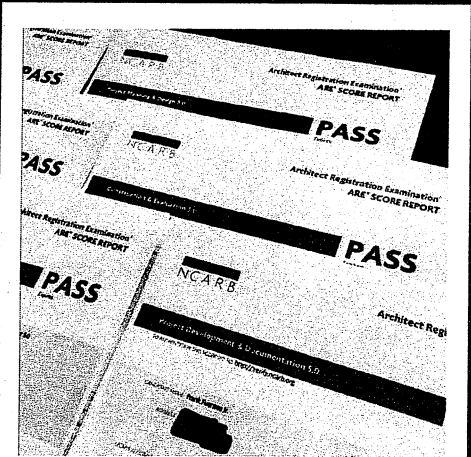
@IntlCodeCouncil

The Code Council thanks @NCARB for being a Week 2 sponsor of this year's Building Safety Month. Visit their website at <https://bit.ly/3ok8KSB>. For more info on becoming a #BuildingSafety365 sponsor: <https://bit.ly/3vZeYd3> #BuildingSafety365



@srpc406

@NCARB's change to PSI is good news for licensure candidates in Montana. Instead of only two testing centers statewide & long drives for candidates prior to the new remote proctoring, most major Montana cities have a PSI site!



@fuentesarchitecture

6 PASSES. Each sheet represents passing a single 4.5 hour long professional licensing exam. These documents serve as a constant reminder of the countless hours I studied to become licensed. Grateful for the learning experiences of the past and look forward to applying the lessons learned in my practice.

JOIN THE CONVERSATION ON SOCIAL MEDIA!



DEPARTMENT UPDATES

Learn about the projects, collaborations, initiatives, and events that NCARB's various teams have accomplished or focused on this month.

ADMINISTRATION

- Prepared revised draft of the FY22 budget, based on Board feedback since the first review in April and additional new information regarding expenses and projected revenues. The latest draft will be reviewed by the current NCARB Board immediately preceding the Annual Business Meeting (ABM). A final draft will be presented for the new FY22 Board of Directors' action at the meeting immediately following the June ABM.
- Launched the ABM registration site and prepared for all onsite logistics.
- Implemented a new human resource system to enhance ability to post jobs and effectively communicate and coordinate between applicants, hiring managers, and Human Resources staff.

COUNCIL RELATIONS

- Participated in a Council of Landscape Architectural Registration Boards (CLARB) work group discussing ways to reduce enforcement friction within the licensing process through the implementation of a uniform standard. The group discussed potential options for CLARB to present to their board of directors.
- Contributed to the Alliance for Responsible Professional Licensing's (ARPL) strategic planning discussion for the upcoming year and beyond.
- Facilitated an informal outreach discussion with members of AIA South Carolina's emerging professionals alongside NCARB Examination staff.
- Met with AIA Wyoming leadership alongside NCARB CEO Armstrong to discuss the state of the profession in Wyoming, as well as recent NCARB updates.
- Joined the Wyoming Board of Architects and Landscape Architects meeting.
- Joined the Pennsylvania State Architects Licensure Board meeting.
- Facilitated the FY22 committee appointment process with President-elect Vidaurri and Council volunteer liaisons.
- Held a "council hour" for Member Board Executives to discuss FY21 resolutions.



NCARB's Examination Department collaborates on a video call.

CUSTOMER RELATIONS

- With Council Relations, Customer Relations team members participated in a CLARB work group on uniform standards for licensure to inform the CLARB board of directors' discussions.
- Participated in joint meetings with incoming Architect Registration Examination® (ARE®) vendor PSI's Client Services and NCARB's Examination team to review documentation for proctor/candidate exam conduct policy.
- Pilot testing has begun for a candidate experience assessment designed to test the quality of the service experience for exam candidates.

EXAMINATION

- The Examination Committee continues to review potential updates to the ARE score report based on feedback from candidate focus groups. An updated score report format is anticipated as part of the migration of test delivery and administration to PSI.
- Migration efforts to PSI continue as both Information Systems development and PSI test center policy development continue. The migration effort is expected to take place during the first quarter of 2022.
- The Case Study Subcommittee completed two new case study resources per ARE division. The new case study resources will be used as part of next year's item writing efforts.
- The Examination Department continues to consult with the Nevada Board of Architects, Interior Designers and Residential Designers. Efforts to develop an updated test specification for the residential designer license have begun as the practice analysis effort has been completed.



NCARB staff attend the APEC Central Council Special Meeting.

EXPERIENCE + EDUCATION

- The Interiors Task Force identified a conceptual procedure and a probable timeline, beginning in 2024, to recommend changes to the Classification of Instructional Programs (CIP) codes regarding the qualifications and definitions of architecture and interior architecture university programs. The task force also considered edits to the current CIP codes for architecture, interior architecture, and interior design. The next revision of the CIP codes occurs in 2030.
- Selected 16 educators to receive scholarships to attend the NCARB Scholars in Professional Practice training event, to be held in August 2021.
- Engaged in the APEC Central Council Special Meeting.

INFORMATION SYSTEMS

- Finalized user experience design for future PSI exam scheduler and completed capability to look up appointments in person and online.
- Continued user experience review of the exams overview page for My NCARB redesign and reengineering.
- Successfully launched the architect renewals module for the NCARB Licensing System with North Dakota. Also, finalized prototype for landscape architects' module.
- Working with Meeting Planning and other teams to redesign business processes for NCARB meetings and events.
- Working with the Administration team to implement an improved contract management process.
- Working on solutions to support an automatic software rollout and updates for Mac users.

MARKETING & COMMUNICATIONS

- Supported the special meeting and vote on Resolution 2021-01 and assisted the Board secretary in issuing the vote announcement and updated *NCARB Bylaws* to Member Boards.
- Launched the 2021 ABM registration and continued to develop materials for the event in June.
- Released the “Resolutions to be Acted Upon” at the 2021 ABM and held the first of two webinars for members to ask questions about the resolutions.
- Released the *2021 Pre-Annual Business Meeting Briefing*. The briefing includes information on how to participate in the meeting (whether in person or virtually), an updated agenda, voting guidelines, candidate information, and recognitions of individuals who are being honored for their service or have passed away this year.
- Continued development on the *2021 NCARB by the Numbers*, which will be released to Member Boards electronically at this year’s annual meeting.
- Continued development on the next report from the *Baseline on Belonging* survey with co-sponsor NOMA. The report will focus on findings related to the examination component of licensure.

OFFICE OF THE CIIO: DATA AND INNOVATION

- Guided a creative session for incoming senior NCARB Board leadership to introduce innovation frameworks and tools.
- Hosted the first “Ncubator Show & Tell” for NCARB staff to share progress made by NCARB’s “Innovators” staff teams, detailing experimentation processes and lessons learned.
- Led “Sunshine Sessions” with the E+E and Examination teams to emphasize learning and encourage experimentation.



NCARB

2021 ANNUAL BUSINESS MEETING

June 24-26, 2021
Los Angeles, CA | Hybrid

NCARB’s ABM will be held June 24-26, 2021, with hybrid delivery for both in-person and virtual attendees.

MEMO

DATE: June 4, 2021

TO: Member Board Administrators and Testing Services

FROM: Tim Miller, P.E., Chief Officer of Examinations

RE: Notice of Future Changes to NCEES Exams and Supporting Materials

This provides Member Boards and testing services with the 1-year notice required by the NCEES *Manual of Policy and Position Statements*, Exam Development Policy (EDP) 9.

Spring 2022 Exam Changes

- **PE Civil**—The PE Civil exam will have its last paper administration in October 2021. Beginning November 1, 2021, examinees will be able to register and schedule CBT appointments, which will be available year-round starting on April 1, 2022.
- **PE 16-hour Structural**—The PE 16-hour Structural exam will be offered in paper and pencil format regionally beginning with the April 2022 administration. Additional information will be made available once finalized.

Fall 2021 Exam Changes

The October administration will be a two-day event with some exams offered on Thursday, October 21 and some on Friday, October 22. More information is available here: <https://ncees.org/october-2021-exam-administration-updates/>. Please note – if you show the exam dates on your website, please ensure that it is shown as a two-day event.

As a reminder, the following changes are in place for the Fall 2021 exam administration.

- **PE Agricultural and Biological**—The PE Agricultural and Biological exam will transition to computer-based testing in October 2021. The test date is **Wednesday, October 20, 2021**. Registration with NCEES for this exam began November 2, 2020. Examinees may reserve their seat at a Pearson VUE test center once they are registered with NCEES and approved by their board. Member Boards who manually approve candidates are encouraged to approve candidates as they register to allow them to reserve their seat for this single-day event as early as possible.
- **PE Electrical and Computer: Computer**—The PE Electrical and Computer: Computer exam will transition to computer-based testing in October 2021. The test date is **Wednesday, October 20, 2021**. Registration with NCEES for this exam began November 2, 2020. Examinees may reserve their seat at a Pearson VUE test center once they are registered with NCEES and approved by their board. Member Boards who manually approve candidates are encouraged to approve candidates as they register to allow them to reserve their seat for this single-day event as early as possible.

- **PE Electrical and Computer: Electronics, Controls, and Communications**—The PE Electrical and Computer: Electronics, Controls, and Communications exam will transition to computer-based testing in October 2021. The test date is **Wednesday, October 20, 2021**. Registration with NCEES for this exam began November 2, 2020. Examinees may reserve their seat at a Pearson VUE test center once they are registered with NCEES and approved by their board. Member Boards who manually approve candidates are encouraged to approve candidates as they register to allow them to reserve their seat for this single-day event as early as possible.
- **PE Mining and Mineral Processing**—The PE Mining and Mineral Processing exam will transition to computer-based testing in October 2021. The test date is **Wednesday, October 20, 2021**. Registration with NCEES for this exam began November 2, 2020. Examinees may reserve their seat at a Pearson VUE test center once they are registered with NCEES and approved by their board. Member Boards who manually approve candidates are encouraged to approve candidates as they register to allow them to reserve their seat for this single-day event as early as possible.
- **PE Civil**—The PE Civil exams will be offered for the last time in pencil-and-paper format in October 2021. Beginning November 1, 2021, examinees will be able to register and schedule CBT appointments for the PE Civil exams. Appointments will be available starting April 1, 2022.
- **PE Controls Systems Engineering**—The PE Control Systems Engineering exam will be offered for the last time in pencil-and-paper format in October 2021.
- **PE Metallurgical and Materials**—The PE Metallurgical and Materials exam will be offered for the last time in pencil-and-paper format in October 2021.
- **PE Nuclear**—The PE Nuclear exam has new specifications that will be effective October 1, 2021. The specifications are posted on the NCEES website.
- **PE 16-hour Structural**—The PE 16-hour Structural exam has new design standards that will be effective with the October 2021 administration. The standards are posted on the NCEES website.

Fall 2021 NCEES Pencil-and-Paper Registration Deadlines

- **Fall 2021 Exam Dates**—The fall pencil-and-paper exams will be administered on **October 21 and 22, 2021**. Some PE exams and the Vertical Forces component of the SE exam will be administered only on Thursday, October 21. Remaining PE exams and the Lateral Forces component of the SE exam will be administered only on Friday, October 22.
- **Fall 2021 Registration**—Registration for the spring exams will open on **June 14, 2021**, and close for examinees at 3:00 p.m. eastern time on **August 26, 2021**. The deadline for boards/testing services to mark candidates approved and confirm shipping information is 3:00 p.m. eastern time on **September 9, 2021**. To meet the fulfillment and shipping requirements, we cannot add candidates after this time.

- **Exam Accommodations**—All requests for testing accommodations must be submitted through the E3 system by the registration deadline of **August 26, 2021**. These include accommodations for ADA and religious reasons and for active military service. More information about accommodations is posted on the NCEES website. Member boards/testing services must provide all override information for approved ADA and religious accommodations to ensure that correct information is shown on a candidate's exam authorization. Any other requests for deviations from the schedule must be submitted to Bob Whorton, P.E., Manager of Compliance and Security, at bwhorton@ncees.org.
- **Exam Shipping**—The earliest day an exam order will be delivered to a site is **October 4**. The last day an exam order will be delivered to a site is **October 15**. Inventory must be completed by **October 18**. A packing list will be included with each shipment, identifying the exam booklet serial numbers. Discrepancies between the packing list and the actual contents of the boxes should be reported to Bob Whorton at bwhorton@ncees.org as soon as they are found.

If you have any questions about these changes or require additional information, please contact me at tmiller@ncees.org.

C: NCEES Board of Directors
David Cox, Chief Executive Officer
Davy McDowell, P.E., Chief Operating Officer
Steven Matthews, Chief Technology Officer
Bob Whorton, P.E., Manager of Compliance and Security
Ashley Cheney, Manager of Exam Publications
Sierra Burrell, Digital Communications Coordinator

NCEES EXAM UPDATES

October 2021

PAPER AND PENCIL EXAMS

Thursday, October 21

Civil: Construction

Civil: Transportation

**Civil: Water Resources &
Environmental**

SE Vertical Forces Bridges

SE Vertical Forces Buildings

Friday, October 22

Control Systems

Civil: Geotechnical

Civil: Structural

Metallurgical/Materials

SE Lateral Forces Bridges

SE Lateral Forces Buildings

TRANSITIONING TO COMPUTER BASED - 2021

PE Agricultural and Biological – CBT – Wednesday, October 20

PE Electrical and Computer – CBT – Wednesday, October 20

**PE Electrical and Computer: Electronics, Controls, and
Communications – CBT – Wednesday, October 20**

PE Mining and Mineral Processing – CBT – Wednesday, October 20

PE Civil last paper and pencil in October 2021 – CBT starting April 1, 2022

PE Control Systems last paper and pencil in October 2021

PE Metallurgical and Materials last paper and pencil in October 2021

PE Nuclear – new specifications effective October 1, 2021

PE 16-Hour Structural – new design standards effective October 2021

Fall 2021 Exam Dates – October 21 and 22

**Fall Registration – Opens June 14 and closes at 3 p.m. Eastern Time on
August 26, 2021**

In this issue: Updates regarding an upcoming language impact study, Prometric's mask policy, candidate misconduct, and NCARB's progress addressing technical issues.

Upcoming ARE Language Survey

NCARB is continuing to study the impact that English as a second language and other related factors may have on Architect Registration Examination® (ARE®) performance. In the next week, all previous ARE 5.0 test takers will receive a short, two-question survey that will help NCARB understand the impact of language on exam performance. Your participation is a crucial part in assisting our efforts to improve the overall candidate experience. Thank you in advance for your participation!

Prometric Mask Policy

Prometric continues to require all individuals at their testing centers to wear an approved face covering for the duration of their time at the location, including test takers and test center staff. This provision will remain in force, even in jurisdictions that have recently adopted less rigorous COVID-19 policies. **Individuals not in compliance with this policy will not be allowed to sit for their scheduled appointment, will be marked as a no-show for their appointment, and will not receive a refund.**

Prometric's COVID-19 policies shall remain in effect until further notice. To learn more about Prometric's requirements, check out their [COVID-19 updates tab on Prometric.com](#).

Candidate Misconduct in Testing Centers

In a continued effort to reduce the spread of COVID-19, Prometric has been providing candidates testing at a test center a sanitary pen at check-in for signing in and out of the appointment. Candidates are allowed to keep the pen with them to avoid cross-contamination. The pen is to be used to sign the roster sheet only.

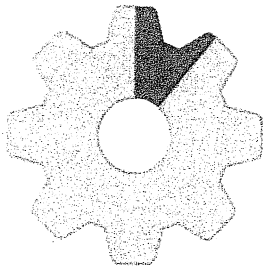
In the last month, a few candidates have used the pen to take notes on their skin, provided tissues, or other articles during their exam administration. **Capturing notes outside of the exam delivery software about an exam item is strictly forbidden as outlined in the Exam Candidate Conduct policy.** Candidates who have violated the policy have had their jurisdictional licensing board notified, their testing progress placed on hold, and are now being investigated for candidate misconduct following the procedures of NCARB's Professional Conduct Committee.

Inappropriate use of the pen or any other allowed items while testing may result in immediate exam termination, exam invalidation, and loss of future testing privileges.

Tech Issues Update

NCARB and our test delivery partners, Prometric and Zoomorphix, continue to address technical issues for both in-person and online exams. The overall proportion of candidates reporting tech issues is now 11% overall, slightly up from early May, while technical issues at test centers continue to decline.

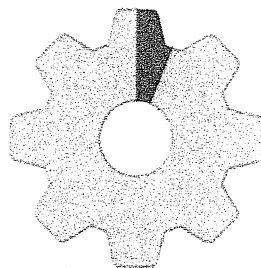
We're continuing quality assurance reviews of both Zoomorphix and Prometric updates that should improve the overall performance of the ARE and will be deployed later this summer. Also, the majority of exam administrations (approximately 74%) continue to be delivered at Prometric centers, while the remaining 26% are taken online.



OVERALL

11%

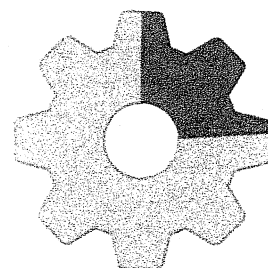
OF CANDIDATES
FOUND TO HAVE
TECHNICAL ISSUES



ONSITE

6%

OF CANDIDATES
FOUND TO HAVE
TECHNICAL ISSUES



ONLINE

24%

OF CANDIDATES
FOUND TO HAVE
TECHNICAL ISSUES

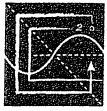
All online test takers should complete a free [test run](#) appointment that allows you to verify your online proctoring setup, including your testing environment, meets the necessary Prometric requirements. A test run can be scheduled at no cost through your NCARB Record. Online candidates should follow all recommended guidance, including disabling all antivirus and internet security applications prior to launching their ARE appointment. Learn more about the [Do's and Don'ts for Taking ARE 5.0 Online](#).

If you experience a technical issue, immediately notify your proctor and then contact NCARB within 15 days. Remember, if you're unable to complete the exam due to a major technical issue, we will work with you to reschedule the division at no cost.

National Council of Architectural Registration Boards

1401 H Street NW Suite 500
Washington, DC, 20005





NCEES

*advancing licensure for
engineers and surveyors*

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MEMO

DATE: June 7, 2021

TO: NCEES Member Board Administrators

FROM: David Cox, NCEES Chief Executive Officer

RE: Washington Accord guidance

NCEES President Christopher Knotts, P.E., charged the 2020–21 Committee on Education with reviewing the process of how programs become denoted as Washington Accord programs and preparing a document for dissemination to the member boards for their possible use.

The Washington Accord is an educational accord administered by the International Engineering Alliance. It is an international agreement between bodies responsible for accrediting engineering degree programs. ABET is the U.S. signatory to this accord.

Because NCEES already has a process for reviewing degrees from engineering programs that are not accredited by ABET, the committee did not feel that it should or could provide direction to member boards on accepting degrees from Washington Accord programs. The committee developed the attached brief to help boards decide whether to accept Washington Accord-designated programs or if applicants should go through the NCEES Credentials Evaluations process. At its May 2021 meeting, the board of directors approved the distribution of this brief to member boards for use as needed.

NCEES distributed a memo to member boards in November 2005 outlining concerns with accepting Washington Accord programs as ABET equivalent. This brief supersedes the guidance included in the 2005 memo.

Please share this brief with your board members. It is also posted in the Board Resources section of Member Resources (ncees.org/resources, under “Publications and presentations”).

Attachment

cc: NCEES Board of Directors
Wendy Amann, P.E., 2020–21 NCEES Committee on Education Chair

The Washington Accord: A Brief for Member Boards June 2021



The number of engineering professionals who practice across national borders has been increasing. This trend has caused international licensure and the barriers to mobility that arise from differing requirements to become concerns for NCEES member boards. NCEES and other groups have been working to facilitate licensure mobility through international agreements. One of these agreements is the Washington Accord, the purpose of which is to define an internationally recognized standard for engineering education.

What is it?

The Washington Accord is one of three educational accords administered by the International Engineering Alliance. The Alliance is made up of national organizations, including NCEES, that are concerned with professional licensing in their respective jurisdictions. The purpose of the Alliance is to establish engineering education and professional competence standards that can provide the basis for international recognition of professional credentials in the jurisdictions represented by the Alliance.

The Washington Accord is an agreement between national organizations that accredit engineering educational programs—the programs that provide the education required for graduates to be qualified for professional licensure. The purposes of the Accord are to establish an internationally recognized standard for engineering education outcomes and to ensure that programs accredited by the signatory organizations meet this standard. The standard is expressed as a set of descriptors of the expected attributes of an engineering graduate and is published in *Graduate Attributes and Professional Competencies, Version 3, June 21, 2013*. [Key Documents: International Engineering Alliance (ieagreements.org)]

The signatory accreditation organizations conduct a periodic peer review to ensure that the standards being used by each signatory to accredit engineering programs are substantially equivalent. This equivalence results from the alignment of educational outcomes for all accredited programs with the desirable attributes for engineering graduates. Equivalence does not mean that all accredited programs have the same curricula or identical educational outcomes. The guiding principle is that all programs demonstrating that their graduates are exhibiting attributes aligned with the standards are accreditable under the Accord. In turn, graduates of programs accredited under the Washington Accord standard are considered to be qualified to obtain the necessary experience leading to professional licensure.

The Washington Accord is meant to facilitate mobility of graduates between signatory jurisdictions. The signatory organizations have agreed that graduates of programs accredited by all signatory accrediting bodies should be accorded the same recognition and privileges as graduates of their own accredited programs, including qualification for licensure. In some jurisdictions, the signatory body may not be the body that provides professional licensure and can only recommend that all Washington Accord program graduates be considered to have the same educational qualifications. This is the case in the United States, where ABET is the accrediting organization but licensure is administered by state, territorial, and district boards. Each licensing board may decide whether to accept the principles of the Accord and treat all Washington Accord program graduates as possessing the necessary educational qualifications for licensure. Acceptance by a board could also require changes to the board's enabling legislation if ABET accreditation is specified as the only acceptable education qualification for licensure.

Who are the signatories, and who is accredited?

The list below provides the current jurisdictions, the signatory accrediting bodies, and the date that full membership was granted. Only engineering programs accredited by one of the signatories after the date the signatory became a member are covered by the Washington Accord. Each of the accrediting bodies is responsible for maintaining a record of programs within their jurisdiction that are accredited under the Washington Accord provisions. These records are available on the websites of the respective accrediting bodies. It is worth noting that some accrediting bodies make these records easier to access than others.

Current Washington Accord signatories

- Korea—Represented by Accreditation Board for Engineering Education of Korea (ABEEK) (2007)
- Russia—Represented by Association for Engineering Education of Russia (AEER) (2012)
- Malaysia—Represented by Board of Engineers Malaysia (BEM) (2009)
- China—Represented by China Association for Science and Technology (CAST) (2016)

- South Africa—Represented by Engineering Council South Africa (ECSA) (1999)
- New Zealand—Represented by Engineering New Zealand (EngNZ) (1989)
- Australia—Represented by Engineers Australia (EA) (1989)
- Canada—Represented by Engineers Canada (EC) (1989)
- Ireland—Represented by Engineers Ireland (EI) (1989)
- Hong Kong China—Represented by The Hong Kong Institution of Engineers (HKIE) (1995)
- Chinese Taipei—Represented by Institute of Engineering Education Taiwan (IEET) (2007)
- Singapore—Represented by Institution of Engineers Singapore (IES) (2006)
- Sri Lanka—Represented by Institution of Engineers Sri Lanka (IESL) (2014)
- Japan—Represented by JABEE (2005)
- India—Represented by National Board of Accreditation (NBA) (2014)
- United States—Represented by Accreditation Board for Engineering and Technology (ABET) (1989)
- Turkey—Represented by Association for Evaluation and Accreditation of Engineering Programs (MÜDEK) (2011)
- United Kingdom—Represented by Engineering Council United Kingdom (ECUK) (1989)
- Costa Rica—Represented by Colegio Federado de Ingenieros y de Arquitectos de Costa Rica (CFIA) (2020)
- Pakistan—Represented by Pakistan Engineering Council (PEC) (2017)
- Peru—Represented by Instituto de Calidad y Acreditacion de Programas de Computacion, Ingenieria y Tecnologia (ICACIT) (2018)

How does the Washington Accord standard compare to the NCEES educational standards?

The NCEES Engineering Education Standard cannot be directly compared to the standard used by Washington Accord accrediting agencies. The NCEES standard specifies curriculum requirements; the Washington Accord standard specifies desired attributes of graduates from accredited programs. The curricula of the various Washington Accord programs may vary in content as well as the number of credit hours in particular curricular areas. Washington Accord programs are evaluated on the basis of their educational outcomes and whether they are meeting them, in addition to other criteria established by the accrediting organizations. The curricula of programs accredited by Washington Accord signatories may not satisfy the NCEES Engineering Education Standard due to differences in the number of credit hours assigned to general education, basic mathematics and science, and engineering topics. One idea embodied in the Washington Accord standard is that curricular uniformity is not a requirement to produce engineering graduates who will be competent to enter professional practice. Education quality is demonstrated by assessing what graduates can do with respect to a defined set of desired abilities.

Should Washington Accord-accredited degrees be accepted as ABET equivalent?

All Washington Accord signatory accrediting bodies have defined educational outcomes for their programs along with specifications for the curricula. The programs are required to have assessment processes like those employed by ABET-accredited programs. The standards and processes for accreditation employed by the signatories exhibit a good deal of commonality. While the learning outcomes employed by the various accrediting bodies are not identical, all of them are periodically peer reviewed to ensure that the learning outcomes are compatible with the *Graduate Attributes and Professional Competencies* guidelines. Washington Accord programs should be seen as ABET equivalent in that they are accredited using similar processes and standards. However, the licensing boards must decide if they are willing to accept an ABET equivalent.

The motivation for acceptance is reducing barriers to international mobility. Accepting degrees from Washington Accord-accredited programs as appropriate educational qualifications would eliminate the need for a Credentials Evaluation for some international licensure applicants. However, it would be necessary for someone from the member board or NCEES to verify that the degree was awarded by a Washington Accord-accredited program. It should be noted that the cost for an NCEES Credentials Evaluation is not excessive and that the turnaround is short for most licensure candidates. The NCEES evaluation becomes a significant barrier to mobility only in cases in which curricular deficiencies are found and additional education is required. Each licensing board will have to decide whether acceptance of a program that is part of the Washington Accord is a worthwhile step toward facilitating international mobility.

In This Issue: ARE 5.0 Pass Rates by Demographics

[Overview](#)

[Timeline](#)

[Key Findings](#)

[Pass Rates Messaging](#)

[More Information](#)

This resource is intended for NCARB Member Board Members. The pass rates information contained in these talking points and the jurisdictional packets is intended for internal use only until NCARB releases national data.

Overview

In June 2021, NCARB shared the demographic breakdown of ARE 5.0 pass rates by state/territory with its jurisdictional licensing boards for the first time.

- This new data reveals significant disparities for candidates of color, women, and older candidates at a national level—particularly the Black and African American community.
- The disparate pass rates are concerning.
- An independent bias study indicated that the problem does not lie within the content of the ARE but rather, NCARB's data (including internal data analysis, audits, and survey results) suggests that pass rate disparities may be a result of disproportionate impediments faced by underrepresented groups along the path to licensure.
- NCARB is committed to continuing to search for the root causes and to making positive change.

Distribution Timeline

- June 14-18, 2021:
 - Share embargoed data and special edition of Fast Facts with Member Board Members
 - Share embargoed data with NOMA
- June 21-25, 2021:
 - Answer member questions about the data during ABM workshops
- July 2021:
 - NCARB releases individual press release on pass rates
 - Pass rates data published in *Baseline on Belonging: Examination Report*
 - Pass rates data added to *NCARB by the Numbers*

Key Findings

Thanks to enhanced data science capabilities, NCARB is now able to analyze pass rates by demographics for more than 32,700 test takers.

- The pass rates data that NCARB shared includes all exam attempts from the launch of ARE 5.0 in November 2016 through mid-December 2020.

- National findings include:
 - **White candidates are much more likely to pass than candidates of color.** The Programming & Analysis division, which focuses on evaluating a project's requirements and constraints, has the largest disparity: white candidates' pass rate is 38 percentage points higher than their Black or African American peers.
 - **Men are more likely to pass the ARE than women.** In general, men outperform women on five of the six divisions. A similar trend can be seen when factoring race and ethnicity, although Black or African American women generally outperform Black or African American men.
 - **Younger candidates have higher pass rates.** Across all six divisions, candidates between the ages of 18-29 have the highest pass rates, while candidates who are 40 or older have the lowest.
- Not all national findings are reflected at the jurisdictional level, as the candidate pool is small in certain jurisdictions.

Pass Rates Messaging

What has NCARB already done to address potential biases on the exam?

- NCARB previously commissioned an independent bias study of the exam.
 - Overall, these studies revealed no consistent, underlying issues with the ARE; individual questions do not drive disparities in candidate performance. One audit flagged a handful of potentially gender-biased questions; however, further evaluation by a diverse group of recently licensed architects found no pattern of bias.
 - Findings also emphasized that the ARE is developed and evaluated in a way that minimizes unconscious biases—including assembling diverse volunteer groups to write and review exam content. Volunteers have also received consistent training on best practices for avoiding bias when writing questions; this training was enhanced following the previous study and continues today.
 - The exam follows a rigorous scientific process to ensure it is fair and legally defensible.
- In 2019, NCARB launched an internal **Fairness in Licensure** work group to study licensure programs through an EDI lens.
 - Acknowledging that specific demographic groups have varying levels of success with NCARB's programs, the group is tasked with understanding whether these disparities are due—directly or in part—to the way programs are designed and implemented.
 - The group first looked into ARE pass rates, and is currently reviewing data related to the AXP. Members continue to explore patterns of performance across education, experience, and examination to inform future changes to the licensure process.
- In 2020, NCARB and NOMA launched a joint study called Baseline on Belonging to identify barriers that disproportionately impact underrepresented groups.
 - Candidates of color face a variety of impediments on the path to licensure that may impact their ARE success, including affordability of study materials and a lack of firm support. (The Examination Report will be released this summer.)
- For the first time in NCARB history, ARE candidates have been appointed to the FY21 Examination Committee, which is responsible for recommending exam format and policy changes to the NCARB Board of Directors.

- For the past decade, NCARB has embraced a **culture of continuous improvement**.
 - In recent years, both architects and policymakers have questioned the licensure framework.
 - NCARB has turned the microscope inward, resulting in a reduction of required experience hours, a restructuring of the ARE, and launching the IPAL initiative (which allows candidates to test while in school), among many other policy changes.

Why is it important for NCARB to address equity and fairness in licensure?

- Publishing pass rates by demographics will almost certainly draw negative attention to NCARB and our programs—but data transparency is ethical and necessary, so the profession can properly support all candidates on their licensure journey.
- **Continuing to lead difficult conversations about the path to licensure is our ethical responsibility.**
- All of our data, audits, and joint survey results suggest that **pass rate disparities are also impacted by access to education and professional experiences.**
- Change at all levels and career stages is essential to ensure that diversity, equity, and inclusion in the profession continue to advance.
- NCARB cannot solve this problem alone. Addressing this issue will require coordinated efforts among all six architecture collaterals, the 55 U.S. licensing boards, the academy, and firms.

What steps will NCARB take to address pass rate disparities in the near future?

- NCARB has been actively working to understand the root cause(s) of these disparities, consider next steps, and present solutions.
- **We will continue to challenge conventional wisdom about the licensure path: NCARB has embraced a culture of evolution, and we will continue to enhance our programs—but we can always do better.**
- **New ARE practice exams:** We are developing free practice tests for all six divisions. Our goal is to launch this new suite of resources in mid-2022.
- **Independent bias audits:** NCARB is currently conducting another external audit on the ARE, this time focused on the content areas within each of the six divisions. This will enable us to gain a more nuanced understanding of performance disparities beyond overall division pass rates.
 - NCARB is committed to sharing ongoing findings with all stakeholders, in addition to findings from the previous bias audit.
- **Collect real-time feedback:** In addition to NCARB's Analysis of Practice study and Think Tank groups, NCARB will launch two new initiatives in FY22:
 - **ARE Candidate Sessions:** Focus groups conducted by external consultants, launching in FY22.
 - **Architecture Licensing Feedback:** An online, one-question form that will enable NCARB to collect qualitative data.

What role do individual jurisdictions play?

- NCARB's 55 Member Boards provide feedback and direction for the evolution of NCARB's licensure programs, including the AXP and ARE.
 - When making major changes to the AXP and ARE, NCARB seeks feedback and support of a majority of its members.
- While NCARB's national Board of Directors is responsible for approving other changes to these programs, Member Boards elect the individuals who serve on the national Board.

- In addition, candidates for the national Board must have served or be serving on one of the 55 licensing boards.
- Many of the volunteers who lead the development of NCARB's programs—including the ARE—are members of state licensing boards.

ARE Development and Defensibility

- The ARE plays a critical role in protecting the public's health, safety, and welfare in the built environment.
- It is a national exam, required by all 55 U.S. licensing boards to obtain an architectural license.
- It is the only step on the path to earning an architecture license that provides a quantitative and qualitative check of a candidate's professional competency.
- The current version is a six-part exam focusing on areas of architecture practice that affect the integrity, soundness, and health impact of a building, as well as an architect's responsibilities within firms.
 - The six divisions were developed following a Practice Analysis—a profession-wide survey that identified the key knowledge areas, skills, and tasks an architect needs to practice safely and independently.
- Although pass rates may seem low—especially for certain demographics—NCARB's staff, expert volunteers, and testing consultants continuously evaluate ARE results to ensure that the exam is fair, valid, and measures an appropriate level of competency.
- The ARE remains a valid measure of candidate competency that licensing boards can trust when evaluating applicants for licensure.
 - The performance gap seen in ARE pass rates highlight the need to address disparities earlier on the path to licensure so all candidates come to the exam armed with the same knowledge and skills.
- The ARE is developed with the assistance of testing experts (psychometricians) to ensure it follows industry best practices for examinations.
 - Items on the ARE are written and reviewed by volunteer architects from around the country to ensure they are relevant to current practice.
 - NCARB ensures that the teams of volunteers who write and review exam content are diverse—racially and ethnically, but also in terms of age, gender, geographic location, firm size, and more.
 - New items on the exam are “pre-tested” (i.e., delivered to candidates as part of their exam but unscored) to determine if they meet the standard to be included on the exam.
- Requiring the national licensing exam ensures each jurisdiction can:
 - Maintain national health, safety, and welfare standards for all architects licensed within its borders, whether initial or reciprocal (out of-state) applicants.
 - Streamline the licensure process for both initial and reciprocal applicants.
 - Uphold best practices in test development and delivery.
 - Take advantage of NCARB's large pool of diverse architects from across the country, ensuring a variety of perspectives when it comes to creating exam content.

More Information

For more information about ARE pass rates by demographics, please:

- Attend this year's [ABM workshops](#), where NCARB staff will discuss data, diversity, and the ARE.
- Contact our Council Relations team at council-relations@ncarb.org.

Patterson, Kathryn

From: NCEES <noreply@ncees.org>
Sent: Friday, June 18, 2021 10:00 AM
To: Patterson, Kathryn
Subject: [EXT] NCEES names 2021 Engineering Education Award winners



Congratulations to the Milwaukee School of Engineering Civil and Architectural Engineering and Construction Management Department, winner of the \$25,000 NCEES Engineering Education Award grand prize.

The jury selected seven additional winners to receive \$10,000 each:

- California State University, Los Angeles
Department of Civil Engineering

- Christian Brothers University
Department of Electrical and Computer Engineering and Department of Mechanical Engineering

- George Mason University
Sid and Reva Dewberry Department of Civil, Environmental, and Infrastructure Engineering

- Lawrence Technological University
Department of Civil and Architectural Engineering

- Seattle University
Department of Civil and Environmental Engineering

- University of Nebraska–Lincoln
Charles W. Durham School of Architectural Engineering and Construction

- University of Wisconsin–Madison
Department of Civil and Environmental Engineering


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



[Unsubscribe](#)



NCARB



ARE 5.0 Pass Rates by Demographics

SOUTH DAKOTA

JUNE 2021

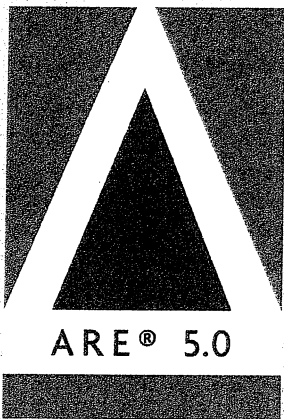


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INTRODUCTION

NCARB tracks Architect Registration Examination® (ARE®) pass rates to understand candidate performance across the exam's six divisions. A "pass rate" reflects the proportion of division attempts that scored at or above the cut score for that division. Traditionally, NCARB releases ARE pass rates annually to our members and the public.

Thanks to enhanced data science capabilities, NCARB has been able to segment and analyze pass rates by demographic information, including race and ethnicity, gender, and age.

As part of our ongoing efforts to understand and address how various requirements on the path to licensure may disproportionately affect underrepresented groups in the profession—particularly people of color—NCARB is sharing jurisdictional pass rates by demographics with our members first to allow time to understand the information and follow up with NCARB as necessary. NCARB will share national pass rates by demographics with our customers and the public in the weeks ahead.

Findings Overview

At the national level, NCARB's data reveals that white candidates are more likely to pass all six ARE divisions than candidates of color, while candidates who identify as Black or African American are the least likely to pass. In addition, men are more likely to pass than women on most ARE 5.0 divisions, with some differences seen between various races and ethnicities. And candidates between 18-29 years old are more likely to pass than those 30-39 or 40+.

Understanding the cause of these pass rate disparities and how to best address them is a key area of focus for NCARB. We will continue our collaboration with the National Organization of Minority Architects (NOMA) and work with all collaterals to address disparities in the profession. While these findings are highly concerning to NCARB, they do not necessarily signal a problem with the exam itself; rather, they highlight disparities leading up to the point of examination and underscore the importance of equal access to education and experience opportunities.

It is important to note that the ARE is the only component of the path to licensure that provides a quantitative *and* qualitative measure of a candidate's abilities compared to a national standard. As such, it is a psychometrically valid measure of the competencies a candidate has built up throughout the entire path to licensure. NCARB works closely with independent examination experts (psychometricians) to ensure that the ARE is fair and unbiased, and our diverse pool of item writers are trained in writing questions in a way that does not bias individuals with certain demographics or backgrounds. In addition, independent bias audits have shown that the individual items on the ARE exhibit no pattern of bias. For more information regarding the defensibility of the examination, please see the [Pass Rates by Demographics: Talking Points on the Member Board Community](#).

NCARB has been actively working to understand the cause of these disparities. For more information about NCARB's commitment to addressing the gap in ARE pass rates, see [Next Steps](#).

Understanding the Data

The charts below show the pass rates by demographics for your jurisdiction compared to the national pass rate. Please keep the following in mind as you review the data:

- **The data for pass rates by demographics feature all ARE 5.0 division attempts from ARE 5.0's launch in November 2016 through December 13, 2020.** Because some demographics have very small numbers of candidates testing, the expanded time frame allows for a more statistically valid sample size compared to only showing pass rates for a given year.
- **NCARB will not share demographics data publicly if there are fewer than 30 individuals in a designated group (our threshold for a valid sample size for this data set).** However, we have shared all pass rates with you regardless of this sample size to ensure you have the most complete picture of pass rates by demographics in your jurisdiction.
- If no information is shown for a specific demographic, it is because no candidates of that demographic have tested in your jurisdiction.
- **Pass rates by demographics for your jurisdiction may not align with the national pass rate.** This is, in many cases, a result of insufficient sample size.
- The black bars on the charts represent the national pass rate for all candidates taking that division. The blue dot represents the national pass rate for all candidates from the indicated demographic.
- The tables at the end of this packet provide a detailed breakdown of the information that is shown in the charts.

Next Steps

NCARB has been actively working to understand the cause(s) of these disparities, consider next steps, and present solutions. While NCARB is seeing some progress toward improving diversity and equity along the licensure path, there is more work to be done.

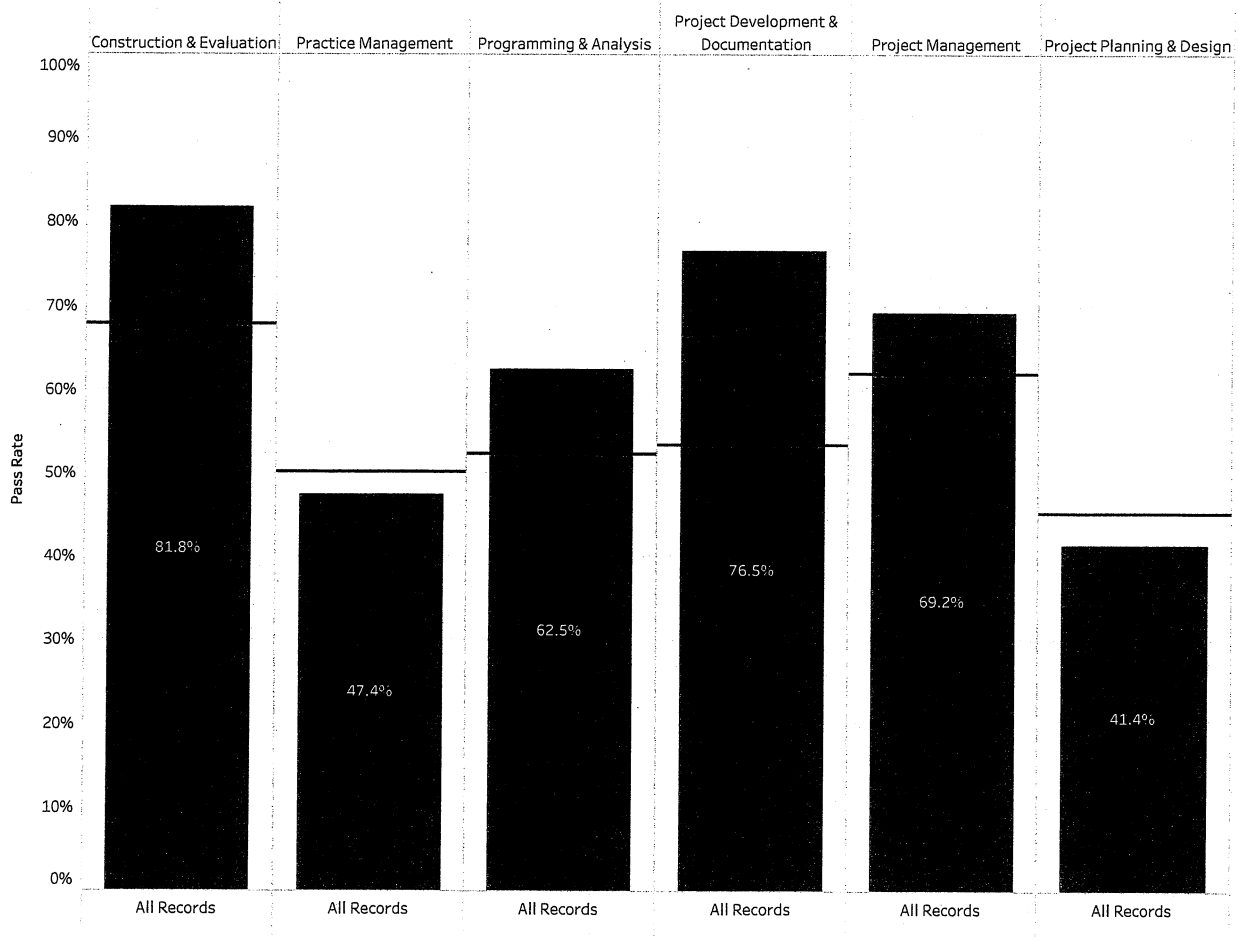
- NCARB has already taken several steps to ensure the exam's fairness and validity for candidates of all backgrounds, including:
 - NCARB commissioned an independent bias audit of the exam content, which indicated that individual exam questions are not biased.
 - NCARB has worked to ensure diversity in the pool of volunteers who develop exam content, and trained those volunteers to avoid bias in content development.
 - NCARB's internal Fairness in Licensure work group is studying all NCARB programs through an EDI lens.
 - NCARB is working with NOMA to study pinch points on the path to licensure that may disproportionately impact underrepresented groups in the profession.
- NCARB will continue to challenge conventional wisdom about the licensure path as we evolve and enhance our programs.
- NCARB is currently conducting another external audit on the ARE, this time focused on the content areas within each of the six divisions. This will enable us to gain a more nuanced understanding of performance disparities beyond overall division pass rates.

- NCARB is developing free practice tests for all six ARE 5.0 divisions, with a goal of launching these resources in mid-2022.
- In addition to NCARB's Analysis of Practice study and Think Tank groups, NCARB will launch two new initiatives in FY22 to gather candidate feedback in real-time:
 - o Licensure Candidate Sessions: Focus groups conducted by external consultants, launching in FY22.
 - o Architecture Licensing Feedback: An online, one-question form that will enable NCARB to collect qualitative data.

SOUTH DAKOTA ARE 5.0 PASS RATES OVERALL

This chart shows each division's overall pass rate for candidates in your jurisdiction, including all division attempts from November 2016 through December 2020. The black line indicates the national pass rate for all candidates on each division.

ARE 5.0 Pass Rates Overall for South Dakota

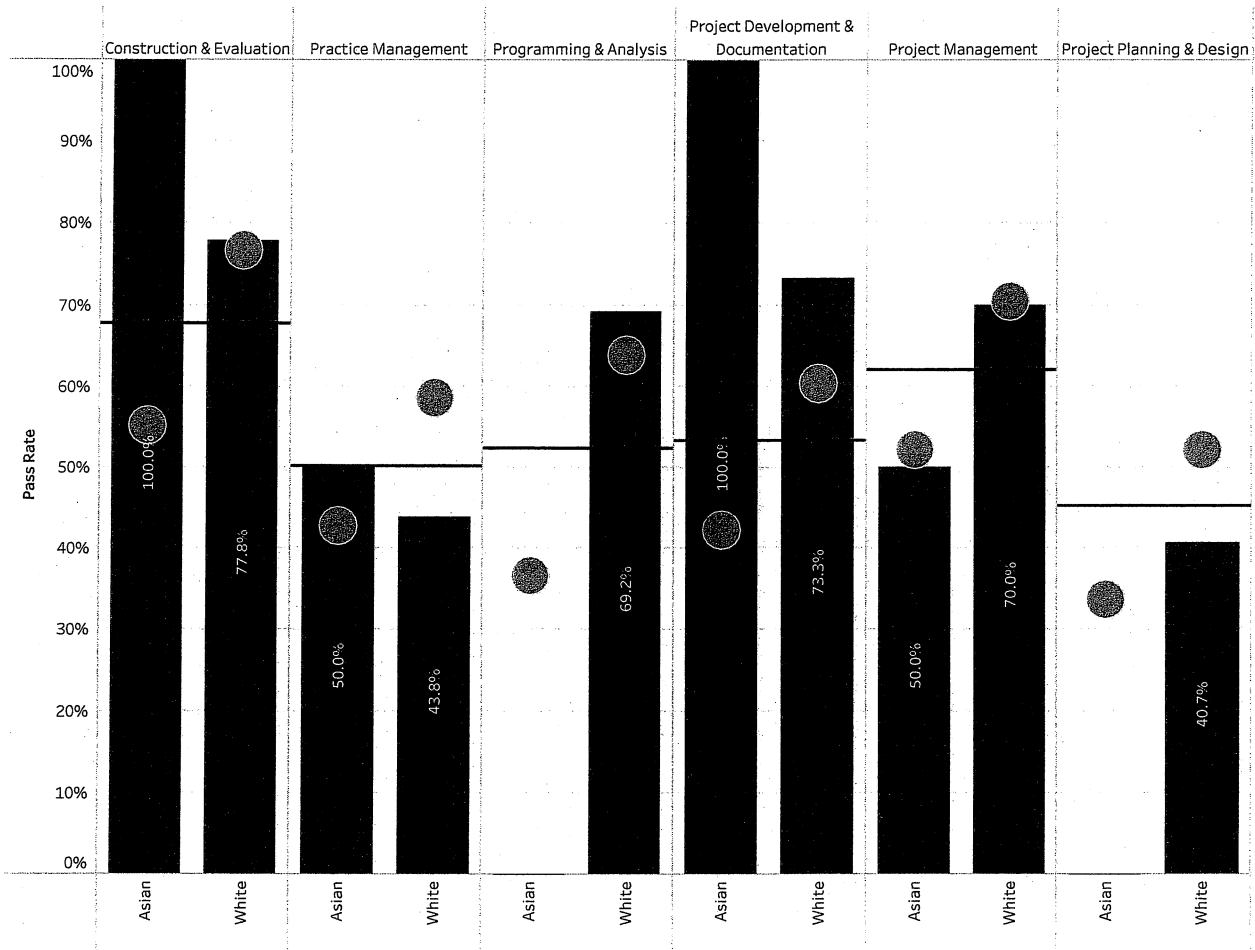


SOUTH DAKOTA

ARE 5.0 PASS RATES BY RACE/ETHNICITY

This chart shows each division's pass rate for candidates in your jurisdiction segmented by the candidate's race and ethnicity. The black line indicates the national pass rate for all candidates on each division. The blue dot represents the national pass rate for all candidates from the indicated demographic.

ARE 5.0 Pass Rates by Race/Ethnicity for South Dakota

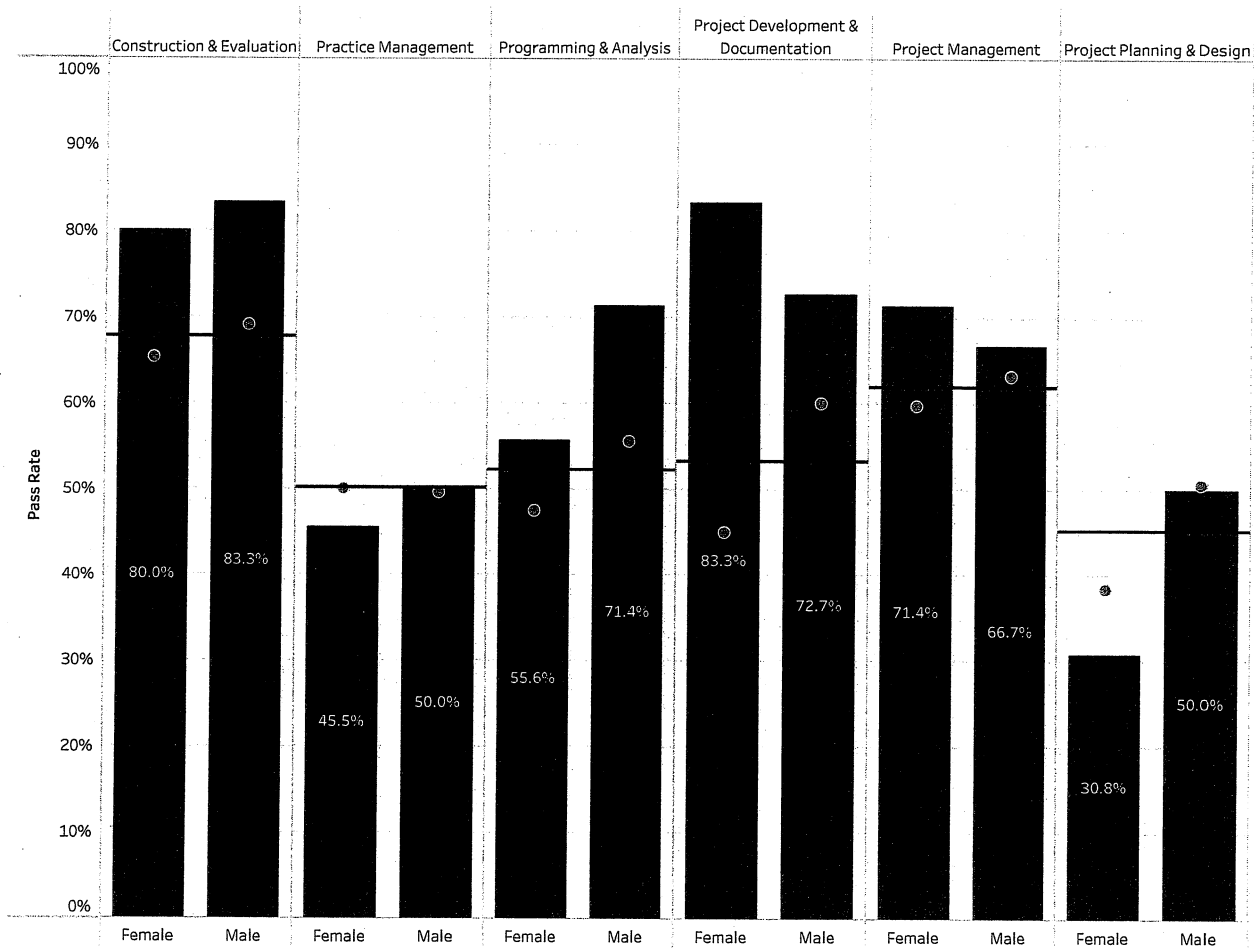


SOUTH DAKOTA

ARE 5.0 PASS RATES BY GENDER

This chart shows each division's pass rate for candidates in your jurisdiction segmented by the candidate's gender. The black line indicates the national pass rate for all candidates on each division. The blue dot represents the national pass rate for all candidates from the indicated demographic.

ARE 5.0 Pass Rates by Gender for South Dakota

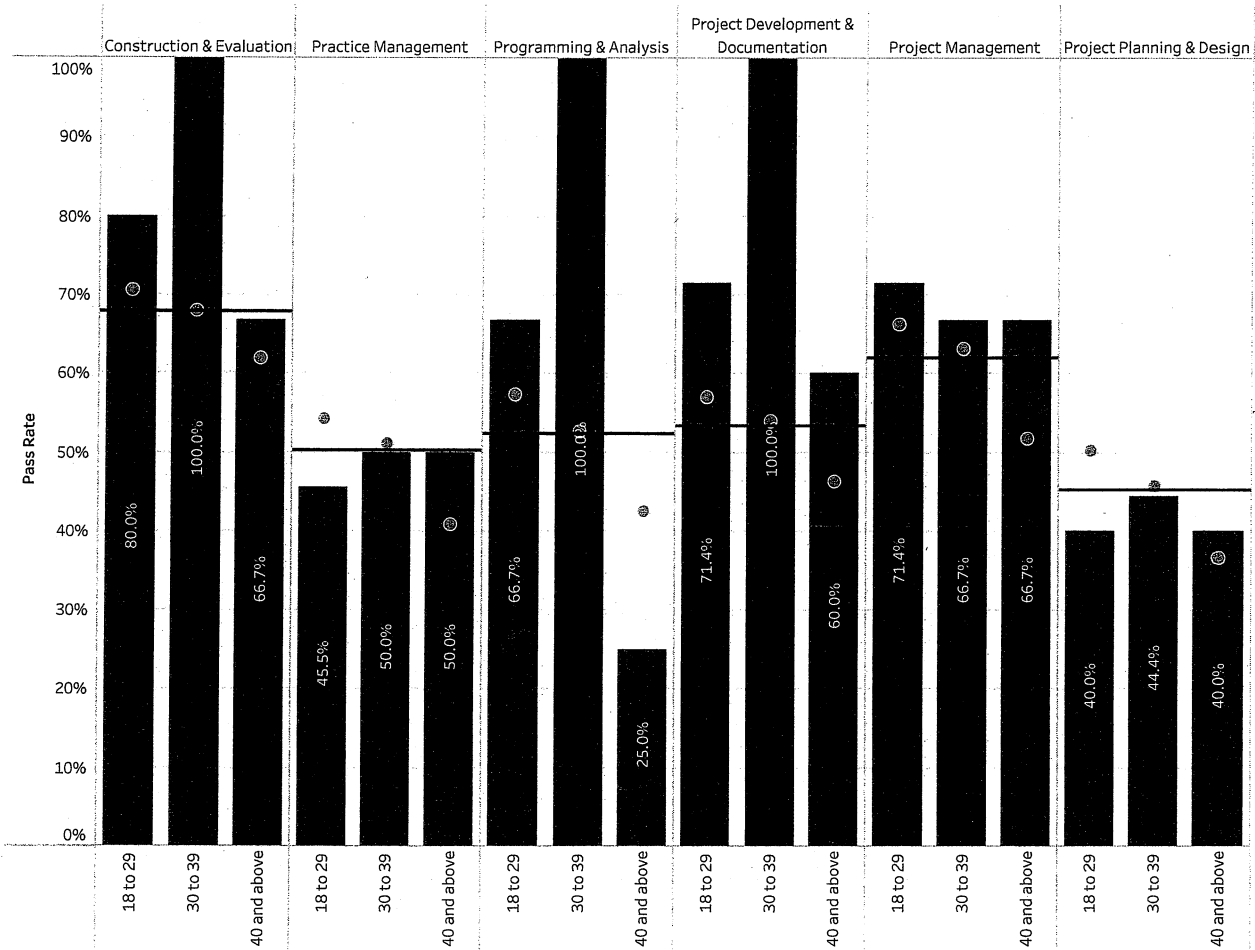


SOUTH DAKOTA

ARE 5.0 PASS RATES BY AGE

This chart shows each division's pass rate for candidates in your jurisdiction segmented by the candidate's age. The black line indicates the national pass rate for all candidates on each division. The blue dot represents the national pass rate for all candidates from the indicated demographic.

ARE 5.0 Pass Rates by Age for South Dakota



SOUTH DAKOTA

ARE 5.0 PASS RATES BY DEMOGRAPHICS (DETAILED)

This table shows detailed breakdowns of each division's pass rate for candidates in your jurisdiction segmented by the candidate's race and ethnicity, gender, and age group. A black arrow indicates the pass rate for the demographic is at least 2 percentage points below the national pass rate of all candidates. A blue arrow indicates the pass rate for the demographic is at least 2 percentage points below the national pass rate for all candidates from the same demographic group.

ARE 5.0 Pass Rates for South Dakota

	Construction & Evaluation	Practice Management	Programming & Analysis	Project Development & Documentation	Project Management	Project Planning & Design
All Records	81.8% +14% vs overall 11 total exams 9 total candidates	47.4% -3% vs overall ▼ 19 total exams 12 total candidates	62.5% +10% vs overall 16 total exams 11 total candidates	76.5% +23% vs overall 17 total exams 13 total candidates	69.2% +70% vs overall 13 total exams 10 total candidates	41.4% -4% vs overall ▼ 29 total exams 16 total candidates
Asian	100.0% +32% vs overall +45% vs group overall 1 total exams 1 total candidates	50.0% 0% vs overall +70% vs group overall 2 total exams 1 total candidates	0.0% -52% vs overall ▼ -37% vs group overall ▼ 2 total exams 1 total candidates	100.0% +47% vs overall +57% vs group overall 1 total exams 1 total candidates	50.0% -12% vs overall ▼ -2% vs group overall ▼ 2 total exams 1 total candidates	0.0% -45% vs overall ▼ -34% vs group overall ▼ 1 total exams 1 total candidates
White	77.8% +10% vs overall +1% vs group overall 9 total exams 7 total candidates	43.8% -5% vs overall ▼ -15% vs group overall ▼ 16 total exams 10 total candidates	69.2% +17% vs overall +5% vs group overall 13 total exams 9 total candidates	73.3% +20% vs overall +13% vs group overall 15 total exams 11 total candidates	70.0% +8% vs overall 0% vs group overall 10 total exams 8 total candidates	40.7% -5% vs overall ▼ -11% vs group overall ▼ 27 total exams 14 total candidates
Female	80.0% +12% vs overall +15% vs group overall 5 total exams 4 total candidates	45.5% -5% vs overall ▼ -5% vs group overall ▼ 11 total exams 6 total candidates	55.6% +3% vs overall +8% vs group overall 9 total exams 6 total candidates	83.3% +30% vs overall +38% vs group overall 6 total exams 5 total candidates	71.4% +9% vs overall +12% vs group overall 7 total exams 5 total candidates	30.8% -14% vs overall ▼ -8% vs group overall ▼ 13 total exams 7 total candidates
Male	83.3% +15% vs overall +14% vs group overall 6 total exams 5 total candidates	50.0% 0% vs overall +0% vs group overall 8 total exams 6 total candidates	71.4% +19% vs overall +16% vs group overall 7 total exams 5 total candidates	72.7% +19% vs overall +13% vs group overall 11 total exams 8 total candidates	66.7% +5% vs overall +3% vs group overall 6 total exams 5 total candidates	50.0% +5% vs overall -1% vs group overall 16 total exams 9 total candidates
18 to 29	80.0% +12% vs overall +9% vs group overall 5 total exams 5 total candidates	45.5% -5% vs overall ▼ -9% vs group overall ▼ 11 total exams 7 total candidates	66.7% +14% vs overall +9% vs group overall 9 total exams 6 total candidates	71.4% +18% vs overall +14% vs group overall 7 total exams 6 total candidates	71.4% +9% vs overall +5% vs group overall 7 total exams 5 total candidates	40.0% -5% vs overall ▼ -10% vs group overall ▼ 15 total exams 8 total candidates
30 to 39	100.0% +32% vs overall +32% vs group overall 3 total exams 3 total candidates	50.0% 0% vs overall -1% vs group overall 4 total exams 2 total candidates	100.0% +48% vs overall +47% vs group overall 3 total exams 3 total candidates	100.0% +47% vs overall +46% vs group overall 5 total exams 5 total candidates	66.7% +5% vs overall +4% vs group overall 3 total exams 3 total candidates	44.4% -1% vs overall -1% vs group overall 9 total exams 6 total candidates
40 and above	66.7% -1% vs overall +5% vs group overall 3 total exams 2 total candidates	50.0% 0% vs overall +9% vs group overall 4 total exams 3 total candidates	25.0% -27% vs overall ▼ -18% vs group overall ▼ 4 total exams 2 total candidates	60.0% +70% vs overall +14% vs group overall 5 total exams 3 total candidates	66.7% +5% vs overall +15% vs group overall 3 total exams 2 total candidates	40.0% -5% vs overall ▼ +3% vs group overall 5 total exams 3 total candidates

Patterson, Kathryn

From: NCEES <noreply@ncees.org>
Sent: Tuesday, June 22, 2021 10:52 AM
To: Patterson, Kathryn
Subject: [EXT] NCEES named one of the Best Places to Work in South Carolina



NCEES named one of the *Best Places to Work in South Carolina*

The National Council of Examiners for Engineering and Surveying (NCEES) was recently named one of the *Best Places to Work in South Carolina*. SC Biz News created this 16th annual program in partnership with the South Carolina Chamber of Commerce and Best Companies Group. This survey-and-awards program was designed to identify, recognize, and honor the best employers in the state of South Carolina, benefiting the state's economy, workforce, and businesses. The list is made up of 81 total companies.

NCEES is a national nonprofit organization headquartered in Greenville, South Carolina. Since its founding in 1920, the organization has been committed to advancing licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the public throughout the United States.

"NCEES is honored to be named one of the best places to work in South Carolina," said NCEES CEO David Cox. "We value our employees and recognize the impact their day-to-day work has in protecting the health, safety, and welfare of the public. Providing them with the best possible climate for development, health, and wellness ultimately benefits us all."

To be considered for participation in the *Best Places to Work in South Carolina*, companies had to fulfill the following eligibility requirements:

- Be a for-profit or not-for-profit business or government entity;
- Be a publicly or privately held business;
- Have a facility in the state of South Carolina;
- Have a minimum of 15 employees working in the state of South Carolina; and
- Be in business a minimum of 1 year.

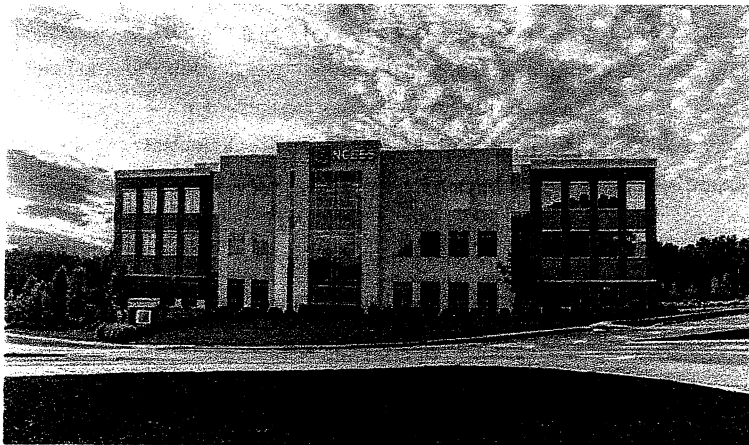
Companies from across the state entered the two-part survey process to determine the *Best Places to Work in South Carolina*. The first part consisted of evaluating each nominated company's workplace policies, practices, philosophy, systems, and demographics. The second part consisted of an employee survey to measure the employee experience. The combined scores determined the top companies and the final ranking. Best Companies Group managed the overall registration and survey process, analyzed the data, and determined the final rankings.

The ranked companies will be recognized at an in-person awards ceremony on August 5, 2021, at the Columbia Convention Center. The rankings will be published in the August 2021 issue of SCBIZ magazine. For more information on the Best Places to Work in South Carolina program, visit www.BestPlacesToWorkSC.com.

ABOUT NCEES

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


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



[Unsubscribe](#)

Patterson, Kathryn

From: Council Relations <council-relations@ncarb.org>
Sent: Thursday, June 24, 2021 12:11 PM
To: Patterson, Kathryn
Subject: [EXT] NCARB Board of Directors Updates Policy on Diversity and Inclusion


N I C A R B

After reviewing recommendations from the Diversity Collaborative Task Force, the NCARB Board of Directors has updated its policy on diversity and inclusion.

In FY21, NCARB's Diversity Collaborative Task Force was charged with reviewing and recommending updates to the "Board of Directors Policy on Diversity and Inclusion." The policy was originally published in 2014, and reflected the Board's intention to encourage the placement of individuals from underrepresented groups on NCARB initiatives, from the committee to Board of Directors level.

The Diversity Collaborative provided recommendations to update the policy to ensure it reflects NCARB's holistic approach to ensuring equity, diversity, and inclusion in the organization at all levels. The FY21 Board of Directors reviewed the collaborative's recommendations at its June meeting prior to the Annual Business Meeting and took action to finalize and approve the updated policy.

The new and improved "Board of Directors Policy for Diversity and Inclusion" is now available on the [Member Board Community](#) and the [NCARB website](#).

[View Policy](#)

Please join us in expressing our thanks to the Diversity Collaborative for their efforts over the past year!

National Council of Architectural Registration Boards
1401 H Street, Suite 500 | Washington, D.C., 20005
Customer Service: 202-879-0520
Council Relations: council-relations@ncarb.org



NCARB POLICY ON DIVERSITY AND INCLUSION

(Revised June 2021; last updated in 2014)

Our Commitment

NCARB is committed to creating a diverse, inclusive, and equitable organization where customers, volunteers, and employees, whatever gender, race, ethnicity, national origin, age, sexual orientation or identity, experience, backgrounds, perspectives, education, or disability, feel valued and respected. We respect and value diverse life experiences and heritages and want to ensure that all voices are valued and heard.

We are committed to a nondiscriminatory approach that provides equal opportunity for advancement in all our programs, in appointment to Member Boards, committees, or other organizational components as well as in employment.

We are committed to demonstrating diversity and inclusion toward the entire architecture community, as well as toward the Member Boards and public that we serve, and to maintaining an environment of equitable treatment for all.

Our Focus

NCARB identifies the following actions and ongoing focus areas to help promote authentic leadership for cultural equity, diversity, and inclusion in our organization:

- Seek to identify and dismantle any inequities within our policies, systems, programs, and services, and continually update and report organizational progress.
- Explore potential underlying, unquestioned assumptions that interfere with inclusiveness.
- Advocate for and support board-level thinking about how systemic inequities impact our organization's work and how best to address that in a way that is consistent with our mission.
- Help to challenge assumptions that pose obstacles for access to leadership as well as to all aspects of NCARB-designed programs on the pre- and post-licensure path.
- Practice and encourage transparent communication in all interactions.
- Commit time and resources to expand more diversity within our Board, regional leadership, jurisdictional boards, and committee/advisory body membership.
- Lead with respect and open-mindedness in all aspects of the NCARB community, ranging from official interactions to everyday practices.
- Pursue cultural competency by creating substantive learning opportunities and formal, transparent policies, including:

- Pooled resources and expanded offerings for underrepresented constituents by connecting with other organizations committed to diversity and inclusion efforts.
- Development and presentation of sessions on diversity, inclusion, and equity to provide information and resources to volunteers and Member Boards, as well as the greater architecture community.
- Improve our cultural leadership pipeline by creating and supporting programs and policies that foster leadership reflecting the diversity of American society.

This publication is designed to provide timely updates on the actions and discussions of the NCARB Board of Directors immediately following meetings. Please remember that the information provided here may be confidential and will be indicated as such when necessary.

Executive Summary

President/Chair of the Board Alfred Vidaurri Jr., NCARB, NOMA, FAIA, convened the first meeting of the FY22 Board of Directors of the National Council of Architectural Registration Boards (NCARB) following the close of the organization's Annual Business Meeting (ABM) in Los Angeles, California. During the brief meeting, the Board approved the FY22 committee charges and appointments, the FY22 budget, and proposed changes to the Professional Conduct Committee's "Rules of Procedure." In addition, Board members discussed outcomes from the ABM.

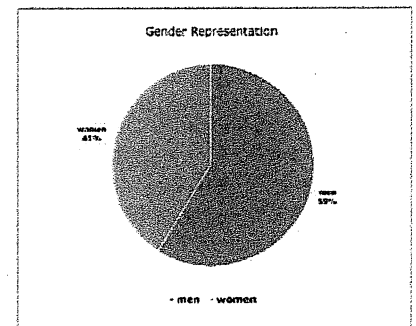
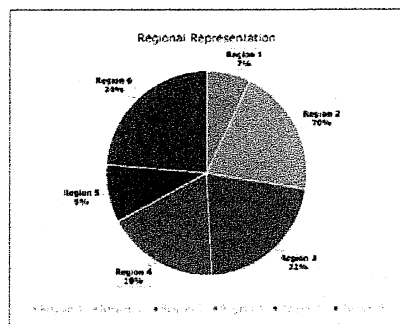
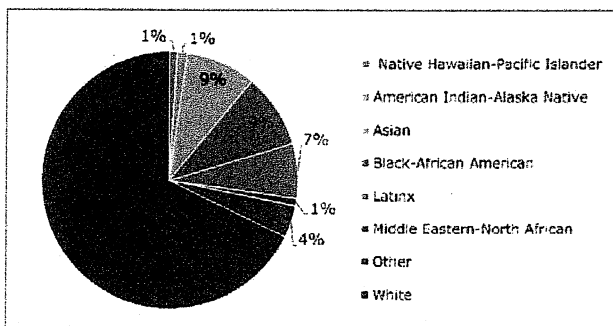
President Vidaurri welcomed three new members to the NCARB Board of Directors:

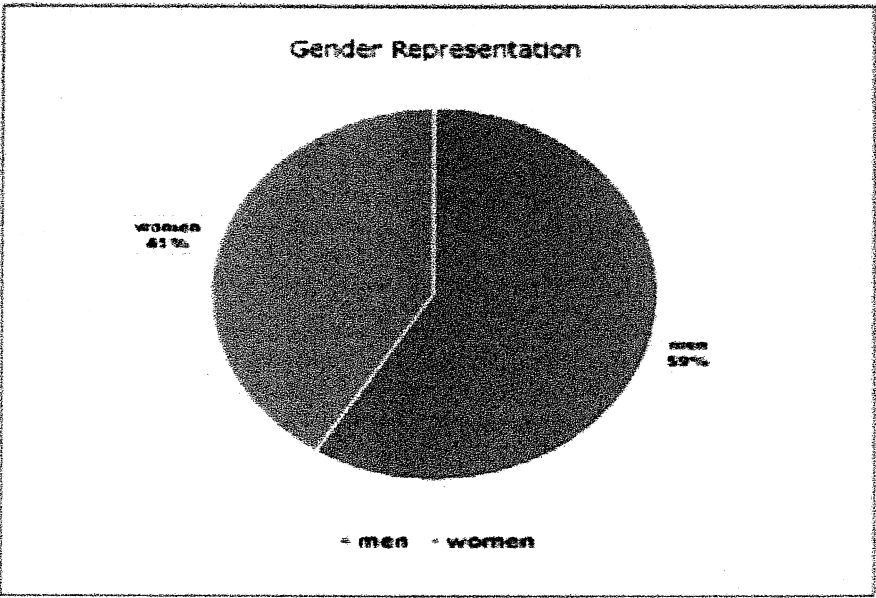
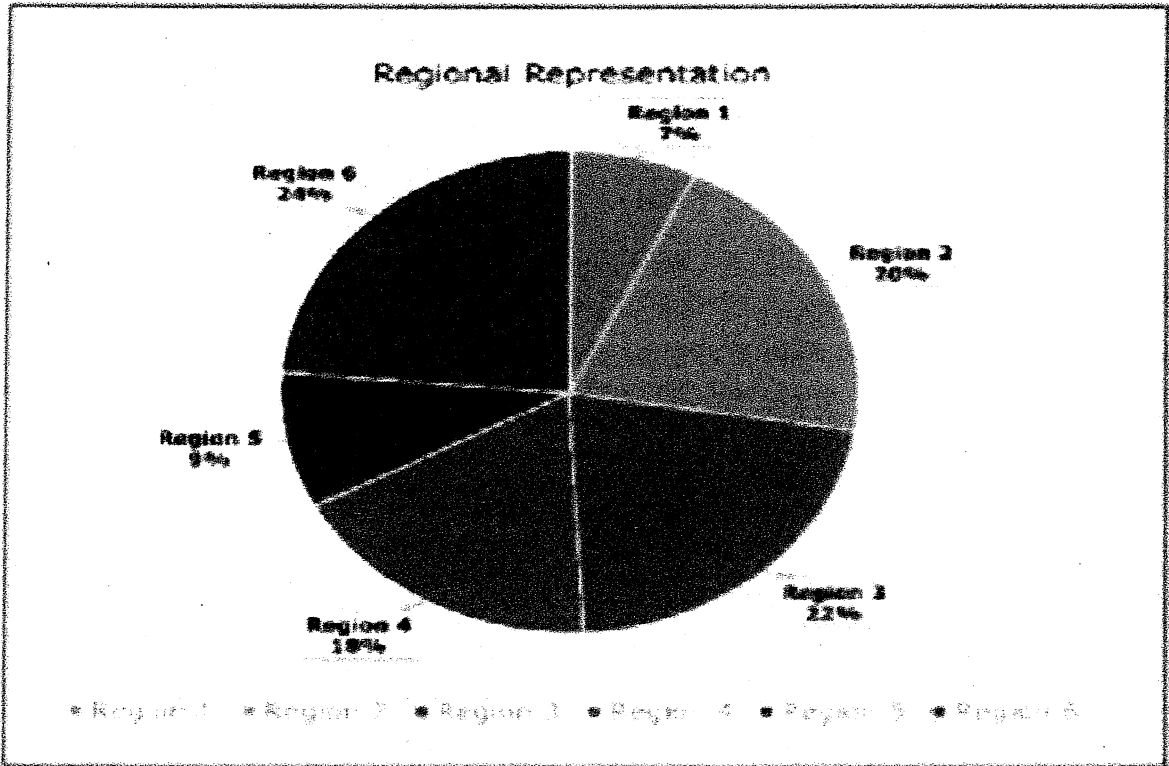
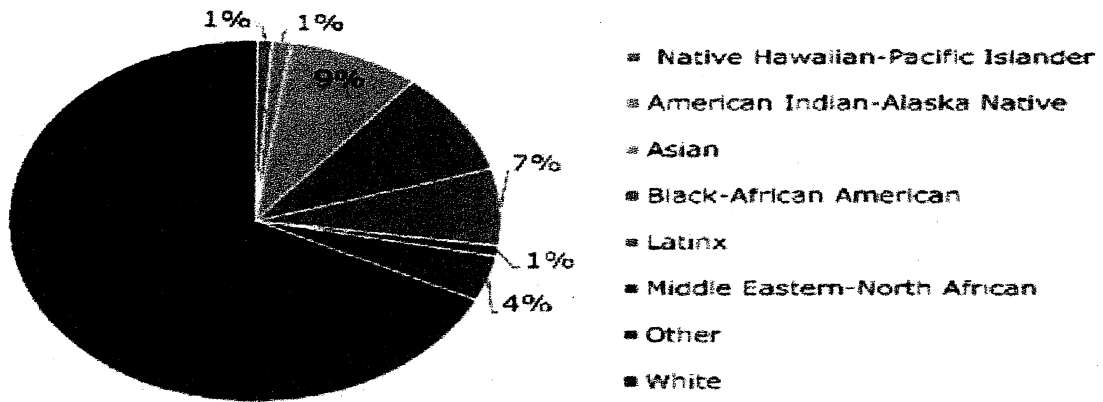
- Region 3 Director Richard H. McNeel, NCARB, AIA, LEED AP, from Jackson, Mississippi
- Region 6 Director Sylvia Kwan, FAIA, LEED AP, from San Francisco, California
- Member Board Executive Director Cathe M. Evans from Raleigh, North Carolina

New Fiscal Year

FY22 Committees

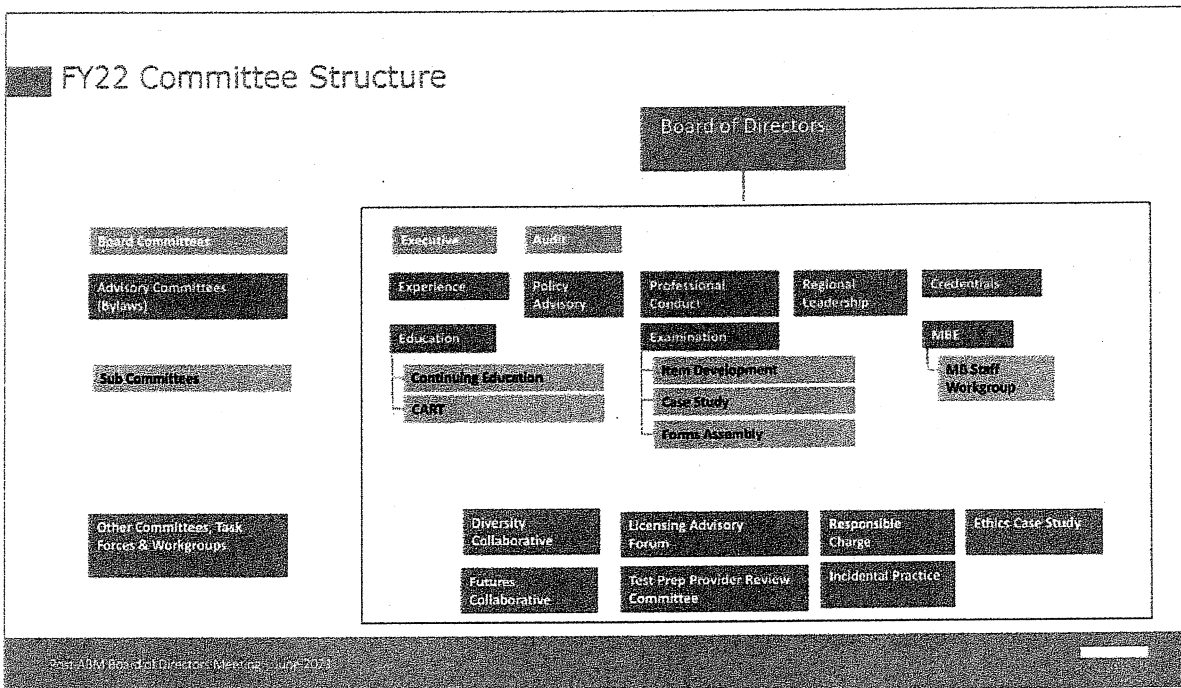
The Board approved the FY22 proposed committee structure, including volunteer appointments and committee charges, as developed by President Vidaurri for the new fiscal year beginning July 1, 2021. Vidaurri reported that his focus was to ensure diversity across the pool of volunteers and that he considered multiple factors throughout the appointment process. Thirty-two percent of appointees are from underrepresented groups. The ratio of men to women among appointees is 59:41, and there is clear diversity across regional boundaries. Thirty percent of committee chair appointments are from underrepresented populations, and the ratio of men to women is 50:50.





Other points included:

- Close to 400 applications were received/appointments made.
- All Member Board Members who applied were offered an appointment; these individuals are complemented by a cohort of non-member Certificate holders.
- Former NCARB Think Tank members continue to engage on other committees, with one former Think Tank member rising to chair this year's Experience Committee.
- Three Member Board Executives (MBEs) will chair committees this year, marking the first time in several years that MBEs have chaired committees other than the MBE Committee. In addition to the MBE Committee, MBEs will chair the Professional Conduct Committee and the Futures Collaborative.

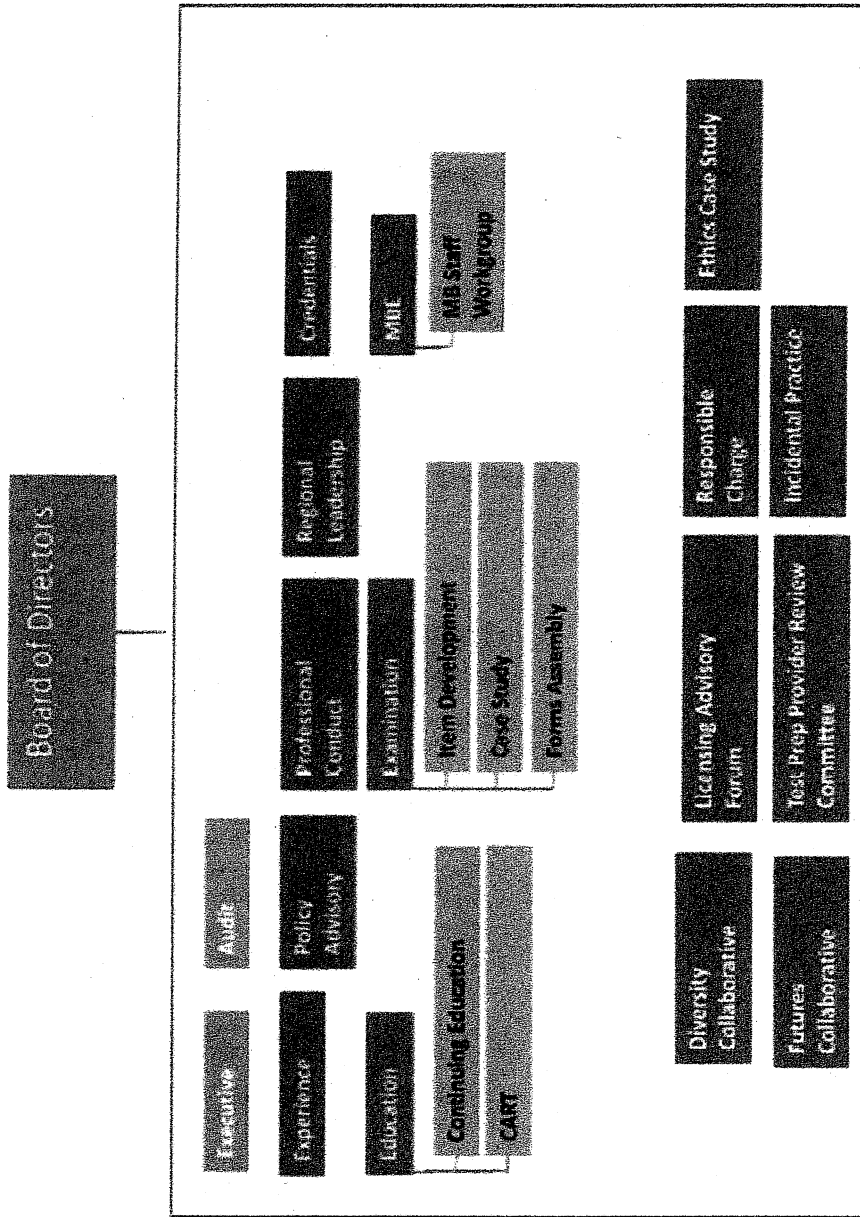


Vidaurri also highlighted key charges assigned for each committee this year. In addition to board and advisory committees outlined in the Council *Bylaws* and pre-existing subcommittees, special volunteer initiatives that will continue include: the Diversity and Futures Collaboratives, the Licensure Advisory Forum, the Responsible Charge and Incidental Practice Task Forces, the Ethics Case Study Work Group, and the Test Prep Provider Review Committee.

FY22 Budget

The FY22 budget, for the fiscal year beginning on July 1, 2021, was approved as presented during the Pre-ABM Board of Directors meeting. The budget includes a \$34.3 million projection for operating revenues and \$35.1 million in operating expenses. The beginning cash carry-over from the previous fiscal year is projected to absorb the projected operating revenue/expense difference plus maintain a positive year-end balance well within Board-approved guidelines.

FY22 Committee Structure



The budget includes NCARB absorbing the cost of \$2.5 million in benefits for exam candidates and another \$4.8 million in expenditures from the Strategic Reserves for special initiatives. Funding was provided for diversity/equity/inclusion (DEI) efforts addressed at NCARB volunteer culture, as outlined by President Vidaurri in his speech during the ABM, including support for upcoming DEI listening tours with Member Board Members as well as hiring DEI and non-profit governance consultants to advise the Board.

Other important initiatives include: the planned February 2022 migration to the new exam vendor; ongoing research initiatives such as the Analysis of Practice, the *Baseline on Belonging* licensure attrition study with the National Organization of Minority Architects, and the “Beyond Boyer” assessment of the academy and practice conducted in partnership with the American Institute of Architects (AIA) and the Association of Collegiate Schools of Architecture (ACSA); customer perception studies; an international competency study; licensure candidate focus groups; upgrades to NCARB’s proprietary customer service systems; continued development of the Professional Practice digital curriculum (ProPEL) project with ACSA; increasing the inventory of continuing education materials that are free to Certificate holders; and continued investment/growth in NCARB’s data capabilities.

Other Activity

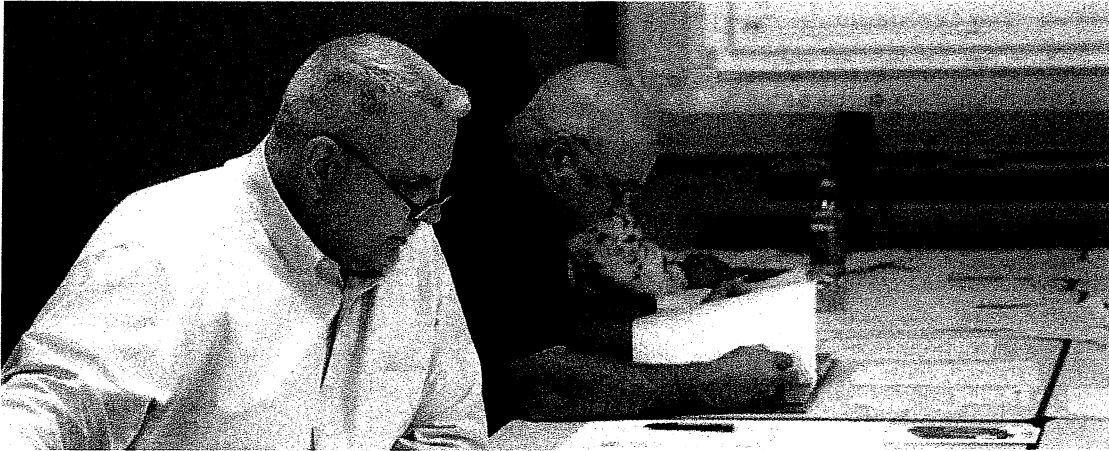
The Board of Directors approved recommended updates to the Professional Conduct Committee’s (PCC) “Rules of Procedure.” Updates included:

- Addition of language to clarify the role of the PCC to uphold the high standards of the profession and the value of the NCARB Certificate.
- Addition of a definition of discipline that matches the PCC/MBE Committee recommendation for a definition of discipline.
- Updates to clarify Member Board actions that would qualify for PCC review, including but not limited to revocation for cause other than nonpayment of fees or failure to file information; conviction of a felony or crime involving fraud or wanton disregard for the rights of others; suspension of a license; surrender of registration; or restriction on practice involving limitation on scope.
- Language to clarify items that would not qualify for PCC review, including but not limited to consent actions with no finding or agreement that law has been violated; corporate or firm registration violations; discipline related to failure to pay taxes, child support or other like civil violations; nonpayment of renewal fees; or failure to file information or meet other administrative requirement.
- Addition of language regarding abusive or hostile behavior to mirror NCARB’s policies for exam candidates in the exam conduct policies, including a review by NCARB CEO.

In other business, the Board of Directors provided feedback on the quality of the content and materials presented during the ABM, indicating general satisfaction with the event including the first-ever remote engagement of members throughout the meeting including workshops, Board elections, and resolution debate and voting.

Patterson, Kathryn

From: NCEES <noreply@ncees.org>
Sent: Tuesday, June 29, 2021 7:37 AM
To: Patterson, Kathryn
Subject: [EXT] 2021 NCEES Surveying Education Award



Congratulations to the University of Maine Surveying Engineering Technology program for winning the \$25,000 NCEES Surveying Education Award grand prize.

The jury selected six programs to receive the following awards:

\$15,000 winners

- Ferris State University
School of Engineering and Computing Technology
Surveying Engineering program
- New Mexico State University
Department of Engineering Technology and Surveying Engineering
Geomatics/Surveying Engineering program
- Nicholls State University
Department of Applied Sciences
Geomatics program

\$10,000 winners

- Florida Atlantic University
College of Engineering and Computer Science
Department of Civil, Environmental, and Geomatics Engineering

- North Carolina Agricultural and Technical State University
College of Science and Technology
Department of Built Environment

- Oregon Institute of Technology
College of Engineering, Technology, and Management
Geomatics program

[Download the news release \(PDF\)](#)



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PDH AUDIT REPORT

For July 23, 2021

BOARD MEETING

13 audits reviewed at each Board Meeting

Mailed letter to licensee – June 11, 2021

DEADLINE TO RECEIVE INFORMATION IS July 14, 2021

Name	Prof	Sent 1st letter need audit records	Sent email reminder – need audit records	Rcvd audit records
Blasius, Weston James	PE	06/11/2021		06/23/2021
Christenson, Jacy Kay	R	06/11/2021		06/14/2021
Davis, Mark Anthony	AR	06/11/2021		07/09/2021
Dreyer, Jamie David	AR	06/11/2021		06/22/2021
Fowlds, Brian Lee	LS	06/11/2021		06/15/2021
Gerges, Rafik Refaat Wassa	PE	06/11/2021		06/16/2021
Ginsburg, Adam Jay	PE	06/11/2021		06/25/2021
Hewgley, Joseph R.	AR	06/11/2021		06/16/2021
Kastelle, Russell	LS	06/11/2021		06/21/2021
Lee, Jason Matthew	LS	06/11/2021		06/16/2021
Ratigan, Joe L.	PE	06/11/2021		06/23/2021
Shoup, Michael John	PE	06/11/2021		06/25/2021
Wiley, William E.	PE	06/11/2021		06/28/2021

***** Information received – rejected. Asked licensee to organize and re-submit

PDH AUDIT REPORT
PENDING FROM PREVIOUS BOARD MEETING(S)

For July 23, 2021

BOARD MEETING

Mailed Copies to Board Members _____

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 approve	Sent 3rd letter – need audit record	Rcvd Audit Record
Flanegan, Keith Curtis	PE	04/09/21	05/12/21	05/21/21	05/27/21	06/21/21			
Lux, Robert William, Jr.	LS	4/09/21	04/19/21	05/21/21	05/27/21	06/02/21			
Pawlak, Michel A.	PE	04/09/21	05/10/21	05/21/21	05/28/21				

Legend:

has until _____ to provide additional info

&&&& has until _____ to correct deficiency

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

Board Meeting Examinee Report*Examinees Passed FE Exam*

Meeting Date: July 23, 2021

Page 1 of 3

Name	Certificate #	Exam
Muller, Amanda Marie	E-13059	FE
Lanka, Noah Lee	E-13060	FE
Larson, Aaron	E-13061	FE
Even, Jayden Thomas	E-13062	FE
Kummer, Benjamin Norman	E-13063	FE
Smith, Trey	E-13064	FE
Belisario Soares deSouza, Marcelo	E-13065	FE
Miller, Jared Christopher	E-13066	FE
Karki, Sajan	E-13067	FE
Rook, Nathan Joseph	E-13068	FE
Gross, Garrson L.	E-13069	FE
Dentlinger, Matthew Paul	E-13070	FE
Ezugu, Obinna Peter	E-13077	FE
Quanbeck, Joel	E-13078	FE
Westerman, Erica Rochelle	E-13079	FE
Kaski, Isaac Kurt	E-13080	FE
Escobin, Kelby	E-13081	FE
Schneider, Ryan Richard	E-13082	FE
Eigenberg, Austin	E-13083	FE
Word, Murdoch Alexander	E-13084	FE
Klinker, Timothy Andrew	E-13085	FE
Mulholland, Christopher Gerard	E-13090	FE
Enneking, Jacob Robert	E-13091	FE
Munsterman, Ray D.	E-13092	FE
Merritt, Isaiah	E-13093	FE

Board Meeting Examinee Report*FS Examinee Passed FS Exam***Meeting Date: July 23, 2021**Page 2 of 3

Name	Certificate #	Exam
Scofield, Ty Burton	S-13071	FS
Laleman, Joshua Eugene	S-13072	FS
Wipf, Jalon Jacoby	S-13073	FS
Haken, Joshua Albert	S-13074	FS
Bueltel, Alexander Lawrence	S-1375	FS
Kolba, Jeffrey Paul	S-13076	FS
Roskam, Drew Allen	S-13086	FS
Rudloff, Clint Wayne	S-13087	FS
Cohoon, James Maxwell	S-13088	FS
Poppinga, Jericho Wendell	S-13089	FS

Board Meeting Examinee Report*PE Examinees Passed PE Exam***Meeting Date: July 23, 2021**Page 3 of 3

Name	License #	Exam
Hora, Andrew R.	15217	Electrical-Computer Power
Sokulski, Kyle Steven	15289	CE – Transportation
Odegaard, Tanner York	15288	CE – Transportation
Morris, Jacob Thomas	15287	CE – Transportation
Kelley, Colin Ray	15286	CE – Transportation
Herman, Thomas W.	15285	CE – Transportation
Gebhart, Cole Francis	15284	CE – Transportation
Weiss, Kody Kinyon	15283	CE – Transportation
Schnell, Jeremy Michael	15282	CE – Water Resources & Environmental
Morford, Brent Reed	15281	CE – Transportation
Rodriguez-Gallo, Heriberto	15292	CE – Structural
Buscher, Nate Jerome	15290	CE – Structural
Walters, Trenton	15291	CE – Construction

Board Meeting Examinee Report***FE Examinees For Approval*****Meeting Date: July 23, 2021**Page 1 of 2

Name	Exam
Borchardt, Quinton Orville Brian	FE
Brown, Parker	FE
Buteyn, Isaac James	FE
Cherney, Matthew J.	FE
Eickman, Joey Tyler	FE
Gerdes, Spencer Daniel	FE
Marcy, Paris Belieau	FE
Mettler, Zachary	FE
Pump, Justin Matthew	FE
Steen, Nakaila A.	FE

Board Meeting Examinee Report*PE Examinees To Be Approved*

Meeting Date: July 23, 2021

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Name	City	State	Comments
Allender, Ken	Sioux Falls	SD	
Baker, Micah Kyle	Sioux Falls	SD	
Bartscher, Joel Lee	Renner	SD	
Bliese, Kevin	Bath	SD	
Gilkerson, James Michael	Sioux Falls	SD	
Hedman, Jacob Peter	Sioux Falls	SD	
Hettich, Jebediah Jack	Hartford	SD	
Holthaus, Travis M.	Bridgwater	SD	
James, Kristofer	Piedmont	SD	
Larson, Aaron	Yankton	SD	
McLaughlin, Cody Ray	Custer	SD	
Penney, Bradley James	Mitchell	SD	
Prather, Joshua Robert	Crooks	SD	
Roggenbuck, Jordan Kenneth	Ortonville	MN	
Volk, Hunter A.	Bismarck	ND	

Board Meeting Comity Report**Individuals by Comity – Licensed****Meeting Date: July 23, 2021**Page 1 of 3

Name	City	State	Profession	License #
Booth, Stephen Alexander	Salt Lake City	UT	AR	15293
Breetz, Marc Joseph	Aurora	CO	AR	15294
Hall, Greg	Pittsburgh	PA	AR	15295
Harris, Brian Jay	Seattle	WA	AR	15296
Honzay, Mark	Fargo	ND	AR	15297
Kruntorad, Matthew Scott	Minneapolis	MN	AR	15298
Lenhart, James Eugene	Denver	CO	AR	15299
Marro, John III	Grafton	MA	AR	15300
Newins, Dean	Edina	MN	AR	15301
Roehl, Andrew Richard	Lenanon	OH	AR	15302
Rowbottom, Timothy Paul	St. Louis	MO	AR	15356
Sjursen, Amy	Lebanon	NJ	AR	15303
Townley, Martin James	Omaha	NE	AR	15304
Barr, Douglas G.	Castle Pines	CO	PE	15305
Beamer, Taylor Frederick	Wharton	TX	PE	15306
Boswell, Giancarlo Massaro	Houston	TX	PE	15307
Bridgman, Eric	Palmer	AK	PE	15308
D'Antonio, Peter Christopher	Boulder	CO	PE	15309
Dale, Michael Ray	Winchester	CA	PE	15310
DeArmond, Jonathan Paul	Philip	SD	PE	15311
Depew, James S.	Denver	PA	PE	15312
Deras, Federico	Richardson	TX	PE	15313
DeVries, Christa	Sioux Falls	SD	PE	15314
Dunn, Gregory Squire	Bountiful	UT	PE	15315
Ellett, Virgil Wayne	Westerville	OH	PE	15316
Fay, Colin P.	Wasila	AK	PE	15317
Gerrard, Carl Robert	Rock Springs	WY	PE	15318
Gregg, Kenneth Laverne	Rapid City	SD	PE	3588
Hamilton, Austin Ray	Thornton	CO	PE	15319
Hartwig, Corey Frank	Bakersfield	CA	PE	15320
Houston, Eric	Castle Pines	CO	PE	15321
Hoyt, Kyle M.	Mount Pleasant	SC	PE	15322
Isley, Matthew Lee	Fargo	ND	PE	15323
Johnson, Matthew Wynn	Bozeman	MT	PE	15324
Jussel, James	Shawnee	KS	PE	15325
Kalina, Nathan	San Angelo	TX	PE	15326
Kieffer, Amanda Marie	St. Paul	MN	PE	15327
King, Mark E.	Appleton	WI	PE	15328
Larsen, Timothy James	Lincoln	NE	PE	15329
Lee, Sang Kyu	N. Salt Lake	UT	PE	15330
Little, Daniel	Sand Springs	OK	PE	15331
Lyman, Brandt	Rock Springs	WY	PE	15332
Lynch, Karen Allen	Mahwah	NJ	PE	15333
Marek, Dennis David Jr.	Iowa Park	TX	PE	15334
Mehaffey, Thomas	West Deptford	NJ	PE	15335

Board Meeting Comity Report***Individuals by Comity – Licensed*****Meeting Date: July 23, 2021**Page 2 of 3

Name	City	State	Profession	License #
Michels, Zachary	St. Louis	MO	PE	15336
Miller, Jay	Fargo	ND	PE	15337
Modlich, Nathaniel	Columbus	OH	PE	15338
Moser, Erica Ann	Conifer	CO	PE	15339
O'Dell, Matthew Alexander	Minneapolis	MN	PE	15340
Pannell, Thomas	Wheat Ridge	CO	PE	15341
Perry, Justin	Kingsford	MI	PE	15342
Philpot, Michael William	Loveland	CO	PE	15343
Plavec, Keith James	Peoria	IL	PE	15344
Reed, John Phillip	Medina	OH	PE	15345
Ricchio, Peter Thomas	Glenview	IL	PE	15346
Schneider, Jason Matthew	Arlington Heights	IL	PE	15347
Shuler, Carrie Thompson	Canton	MI	PE	15348
Snowden, Patrick Tatum	McKinney	TX	PE	15349
Tombo, Anthony	Port St. Lucie	FL	PE	15350
Walter, Benjamin	Petaluma	CA	PE	15351
Wheeler, Barton Edward	Cibolo	TX	PE	15352
Wurtele, Jared	Lincoln	NE	PE	15353
Yates, Robert O'Brien	Roseville	CA	PE	15354
Zager, Brian T.	Neenah	WI	PE	15355

Board Meeting Comity Report***Individuals by Comity*****Meeting Date: July 23, 2021**Page **3** of **3**

	City	State	Profession	Comment
Nevenhoven, Mark	West Des Moines	IA	AR	
Erickson, Robert A.	Kalispell	MT	LS	
Weckman, Seth	Merrifield	MN	LS	
Berg, Michael Andrew	Bismarck	ND	PE	
Bodenschatz, Aaron Michael	Lansdale	PA	PE	
Commander, Brett C.	Louisville	CO	PE	
Di Salvo, C. Garr	New Rochelle	NY	PE	
El-Awar, Raja Sleiman	Cockeysville	MD	PE	
French, Paul Douglas	Spokane	WA	PE	
Hu, Kyle Xinkai	Sugar Land	TX	PE	
Lee, Je Il	Centennial	CO	PE	
Naquin, Paul Jeffrey Jr.	Cypress	TX	PE	
Peterson, Jacob	Summit	WI	PE	
Ratterman, Scott Michael	Portland	OR	PE	
Wood, Walter Eugene	Sylvester	GA	PE	
Yurdutemiz, Ertug	Berkeley	CA	PE	
Zummo, David	Houston	TX	PE	

Board Meeting Firm Report***For Business Licensed*****Meeting Date: July 23, 2021****Page 1 of 3**

Company Name	City	State	Profession	License #
Advanced Geotechnical Solutions, Inc.	Casper	WY	PE	C-8372
Amy Sjursen	Lebanon	NJ	AR	C-8347
Atlas Technical Consultants, LLC	Lafayette	LA	PE	C-8364
Borrego Solar Systems, Inc.	San Diego	CA	PE	C-8360
Bowman Consulting Group, Ltd.	Reston	VA	PE/LS	C-6835
Charles D. Smith Architecture & Planning LLC	Knoxville	TN	AR	C-8346
DeSimone Consulting Engineering, D.P.C.	New York	NY	PE	C-8365
Dunn Associates, Inc	Salt Lake City	UT	PE	C-2376
Dwight Douglas Haney	Olathe	KS	PE	C-8366
ECO4 Energy LLC	West Palm Beach	FL	PE	C-8367
Facility Solutions Group, Inc.	Dallas	TX	PE	C-8350
Faith Technologies Inc.	Menasha	WI	PE	C-6625
FastGrid, LLC	Gilbert	AZ	PE	C-8368
Geiger Lynch MacBain Campbell Engineers, PC	Suffern	NY	PE	C-8355
Grouse Mountain Environmental Consultants, LLC	Buffalo	WY	PE	C-8369
Hoyt & Berenyi LLC	Ladson	SC	PE	C-8353
JBT Aerotech	Ogden	UT	PE	C-8354
John Marro III AIA Architect	Grafton	MA	AR	C-8344
Mako Steel LP	Carlsbad	CA	PE	C-8349
Maurer-Stutz, Inc.	Peoria	IL	PE	C-8357
Moonlight Design Studio, LLC	Lebanon	OH	AR	C-8345
Motive Infrastructure Solutions	Northridge	CA	AR	C-8370
Naos Design Group, LLC	Denver	CO	AR	C-8342

Board Meeting Firm Report***For Business Licensed*****Meeting Date: July 23, 2021**Page **2** of **3**

Company Name	City	State	Profession	License #
NCGI Inc.	Flower Mound	TX	PE	C-8359
Ohlin & Reed Consulting Engineers, Inc.	Akron	OH	PE	C-8358
PCD Engineering.com	Longmont	CO	PE	C-8348
PCL Industrial Services, Inc.	Bakersfield	CA	PE	C-8352
Robert O'Brien Yates	Roseville	CA	PE	C-8362
Sellon Forensics Inc.	Greenwood Village	CO	PE	C-8371
TCA Architecture Planning, Inc.	Seattle	WA	AR	C-8343
The Lawrence Group Architects of St. Louis, Inc.	St. Louis	MO	AR	C-8363
TrueNorth Steel, Inc.	West Fargo	ND	PE	C-8356
UFP San Antonio LLC	San Antonio	TX	PE	C-8361
Valentiner Crane Brunjes Onyon Architects, L.L.C.	Salt Lake City	UT	AR	C-8341
Western Engineers & Geologists	Rock Springs	WY	PE	C-8351

Board Meeting Firm Report***For Business to Approve*****Meeting Date: July 23, 2021**Page 3 of 3

Company Name	City	State	Profession	License
Awar Group Companies, Inc.	Palm Beach Gardens	FL	PE	
Bridge Diagnostics, Inc.	Louisville	CO	PE	
Roofing Consultants Ltd.	Waukesha	WI	PE	
Walter Wood Professional Engineering	Sylvester	GA	PE	

Board Meeting Examinee Report

*Second Review**Meeting Date: July 23, 2021*Page 1 of 2

Name	City	State	Comments
Keller, John David	Tulsa	OK	
Tolman, Samuel D.	Las Vegas	NV	

Board Meeting Examinee Report

Firms Second Review

Meeting Date: July 23, 2021

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Company Name	City	State	Profession	Comment
Samuel D. Tolman, AIA NCARB	Las Vegas	NV	AR	

**TRAVEL
MATRIX
BOARD MEMBERS
07/01/2021 through 12/31/2021**

DATES	MEETING	PLACE	BOARD NAME	PAID BY
08/18-21/2021	NCEES Annual Business Meeting	New Orleans, LA	Thingelstad, Peters, Callaghan	NCEES – 3 board members
09/22-24/2021	CLARB Annual Meeting	Phoenix, AZ or virtual	Unknown	Board Funds



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Annual Meeting

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After all of the uncertainty the last year brought, what we know is that we are stronger together and we can work together to design the future of landscape architecture regulation. This theme will carry into all of the sessions at this year's Annual Meeting and we hope to see you there!

This year's Annual Meeting, taking place September 22-24, will be a hybrid meeting, with the option to register for an in-person event at the Kimpton Hotel Palomar in Phoenix, Arizona or a virtual experience in the comfort of your own home or office space.

We are thrilled to be able to offer an in-person opportunity, and as recommended safety protocols continue to shift, we are committed to providing a safe in-person experience for registrants who may attend in Phoenix. Familiar events will look a bit different as we are limiting in-person registrations to two attendees per board, reducing the number of large social gatherings and meals (this includes removing President's Dinner and all breakfasts from the agenda), and not offering a guest registration option. All CDC, Arizona, and hotel safety protocols at the time will also be in effect.

Meeting highlights:

Quick Links- 2021 Annual Meeting:

- [View the Annual Meeting Agenda](#)
- [View the Annual Meeting justification letter](#)

See You There! Future Locations

- 2022: Atlanta, Georgia

- *Rethink Regulation*: Implementing the Uniform Standard
- *Exam Evolution*: Strategic L.A.R.E. updates and a kick off to the 2022 Job Task Analysis
- *Diversity, Equity, Inclusion*: Tangible solutions you can bring back to your board
- *Stronger Together*: Key partnership updates
- *Understanding Shared Stakeholders*: And how to best serve them!

- 2023: Omaha, Nebraska
- 2024: Seattle, Washington

MBEs: Register Attendees

Member Board Executives (MBEs) must register all attendees for their jurisdiction by emailing Alison Swanger no later than August 31. Hotel booking link and participation credits will be discussed at time of registration.

The registration fees are: \$725 for in-person attendance and \$500 for the virtual experience*. Hotel rates are \$169/night + taxes and fee. Hotel booking link coming soon.

*Boards registering an optimal participation (one Board Executive and one Board Member) will receive complimentary unlimited virtual registrations for the rest of their registered board and staff. Optimal participation can be achieved by way of in-person, virtual, or a combination of registration options. Optimal participation will provide your board the most benefit in knowledge gained and shared.

Each board is limited to two in-person registrations and unlimited virtual attendance. For any board wishing to send more than two in-person attendees, the MBE should email Alison Swanger and request additional attendees be placed on a waitlist. The waitlist will be utilized, space permitting, upon registration closing on August 31.

If you are a Member Board Member or staff, please contact your Member Board Executive to register.

Council of Landscape Architectural Registration Boards

1840 Michael Faraday Drive, Suite 200, Reston, Virginia 20190

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Email: info@clarb.org © Copyright 2017

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