SOUTH DAKOTA
STATE BOARD OF TECHNICAL PROFESSIONS
Board Agenda

Of the regular meeting Friday, March 18, 2016
In the Clock Tower Plaza at the board office in Rapid City, SD

Board members to review applications at 8:00 A.M.

Roll Call at 8:30 A.M.

Agenda Items:

- 1) Approval of January 15, 2016 Minutes (Motion)
- 2) Approval of vouchers since last meeting (Motion)
- 3) Activities report ending February & Review of Deposits (FYI)
- 4) Investigation reports
- 5) Old Business
- 6) New Business
- 7) PDH Audits (Motion)
- 8) Approval of passing Examinees from January, February & March (Appendix A, Motion)
- 9) Approval to take the NCEES Examinations as available (Appendix B, Motion)
- 10) Approval of License by Exam applications (AR, A, R) (Appendix C, Motion)
- 11) Approval of Comity applications (Appendix D, Motion)
- 12) Approval of Business applications (Appendix E, Motion)
- 13) Annual, zone, committee meeting reports & upcoming meetings
- 14) Correspondence
- 15) Future board meeting schedule
- 16) Adjournment (Motion)

AGENDA ITEM #1 APPROVAL OF JANUARY 15, 2016 BOARD MEETING MINUTES (MOTION)*

AGENDA ITEM #2 APPROVAL OF VOUCHERS SINCE LAST MEETING (MOTION)

AGENDA ITEM #3 ACTIVITES REPORT ENDING FEBRUARY 2016 & REVIEW OF DEPOSITS (FYI)*

AGENDA ITEM #4 INVESTIGATION REPORTS

Case 09-06	**Competency and Professional Conduct** - Hearing scheduled for April 26, 2016; 9 a.m. in the Hughes County Court House, Pierre, SD
Case 15-03	**Practice without CoA - AR.** - Legal counsel to generate Assurance of Voluntary Compliance
Case 15-05	**Practice without CoA - PE.** - Consent agreement rejected will need to schedule hearing.
Case 15-06	**Audit - Failure to comply with PDH requirements - LS** - licensee did not renew license in lapsed status as of now
Case 15-09	**Business Entity allowing unlicensed practice** - Legal counsel reviewing
Case 16-01	**Business Entity with no CoA - possible plan stamping** - Under investigation

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AGENDA ITEM #5 OLD BUSINESS

*Action Items - reports
*NCARB BOD Brief - December
*CLARB Member Board E-News
*NCARB FY17 Elections
*NCEES Central Zone Awards
*CLARB MBE Committee Position
*NCARB Fast Facts
*AAES Newsletter

Board Members up for reappointment: Olson

AGENDA ITEM #6 NEW BUSINESS

*Decoupling Best Practices
*Guide Document
*SB 40 and SB 41 - Signed by Governor
*NCARB CEO Update
*NCARB National Architect Newsletter Info
*NCEES Proposed Changes to Bylaws
*NCARB Fast Facts - February
*CLARB Member Board E-News - February
*NCARB ARE 5.0 Press Release
*NCEES ABET EAC Changes
*NCARB Dental Ruling Update and Action Memo

AGENDA ITEM #7 PDH AUDITS (MOTION)

NEW AUDITS

Andersh, Gary L., LS
Bickler, Scott J., R
Burwitz, David Ronald, PE
Faetanini, James Anthony, LS
Giles, Jonathon R., PE
Haglund, Bertil E., AR
Hofland, Randy L., PE
Jackson, Robert J., LS
Lichty, James A., AR
Michel, Eric J., PE
Moreau, Timothy Alford, PE
Mulford, Craig Dean, AR
Panopio, Louie Calma, PE

REVIEW PREVIOUS AUDITS

Oathout, Rodney V., PE
Templeton, LeeJay James, PE
Yexley, David Phillip, PE

SDBOTP did not receive any documents

AGENDA ITEM #8 APPROVAL OF PASSING EXAMINEES. (MOTION)

See Appendix A

AGENDA ITEM #9 APPROVALS TO TAKE THE NCEES EXAMINATIONS AS AVAILBLE. (MOTION)

See Appendix B

AGENDA ITEM # 10 APPROVAL OF LICENSE BY EXAM (AR, A, R) APPLICATIONS (MOTION)

See Appendix C

AGENDA ITEM #11 APPROVAL OF COMITY APPLICATIONS (MOTION)

See Appendix D

AGENDA ITEM #12 APPROVAL OF BUSINESS APPLICATIONS (MOTION)

See Appendix E

AGENDA ITEM #13 ANNUAL, ZONE, COMMITTEE REPORTS & UPCOMING MEETINGS*

PREVIOUS - 02/05/16 NCEES MBA Meeting - Atlanta - Patterson did not attend

02/19/16 to 02/20/16 - NCARB MBE Engagement Session - New Orleans - Patterson attended

03/10/16 to 03/12/16 - NCARB MBE Workshop & Regional Meeting; Savannah, GA (Nelson; Williams; Patterson; Olson) Voted at September 2015 meeting to attend

UPCOMING - 05/05/16 to 05/07/16 - NCEES Central Zone Interim Meeting; Kansas City, MO (Micko, Albertson, Peters, Thingelstad & Patterson) Voted at January 2016 meeting to attend

06/15/16 to 06/18/16 - NCARB Annual Meeting; Seattle, WA (Nelson, Williams & Patterson) Motion

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AGENDA ITEM #14 CORRESPONDENCE (FOR REVIEW AND DISCUSSION, IF DESIRED)

Compliments
ICON Architectural Group - Brookings Office Information
Energy Analysis Question
NCEES 2016-17 Committee Preference Survey
NCEES EAS Board Visitors
NCEES 2016 MBA Meeting
Dave Gibson - notice
NCEES Engineering Competency Model
NCARB Candidacy Notices
- David L. Hoffman - Second Vice President
- John Cardone - Public Director
- Bob Calvani - Secretary
- Kingsley Glasgow - MBE Director
- Amy Kobe - MBE Director
- Terry L. Allers - Treasurer

Other various board correspondence/Email

AGENDA ITEM #15 FUTURE BOARD MEETING SCHEDULE

May 20; July 15; September 23 and November 18

AGENDA ITEM #16 ADJOURNMENT (MOTION)

SOUTH DAKOTA
STATE BOARD OF TECHNICAL PROFESSIONS
Board Minutes

Of the regular meeting Friday, January 15, 2016
In the Board Office in Clock Tower Plaza,
2525 W. Main St., Suite 211; Rapid City, SD

The South Dakota State Board of Technical Professions held its regular meeting on Friday, January 15, 2016 in the Board Room; Clock Tower Plaza, Rapid City, South Dakota. Chairman Dennis Micko presided.

Chairman Micko called the meeting to order at 8:30 a.m.

The following Board members were present: Chairman Dennis Micko, Vice Chairman Steve Williams, Secretary Steve Peters, Mike Albertson, Jeffrey Nelson, Drake Olson and Steve Thingelstad. Others present were visitors Brian Jenner from SDES; Ryan Fitzpatrick, and staff members Kathryn Patterson and Susan Neuf. Staff Attorney Aaron Arnold was unable to attend.

Agenda Items:

- 1) Approval of November 13, 2015 Minutes (Motion)
- 2) Approval of vouchers since last meeting (Motion)
- 3) Activities report ending December, Review of Deposits & Quarterly report (FYI)
- 4) Investigation reports
- 5) Old Business
- 6) New Business
- 7) PDH Audits (Motion)
- 8) Approval of passing Examinees from October, November & December (Appendix A, Motion)
- 9) Approval to take the NCEES Examinations as available (Appendix B, Motion)
- 10) Approval of Comity applications (Appendix C, Motion)
- 11) Approval of Business applications (Appendix D, Motion)
- 12) Review Renewals w/discipline, previous apps & misc. (Appendix E Motion)
- 13) Annual, zone, committee meeting reports & upcoming meetings
- 14) Correspondence
- 15) Future board meeting schedule
- 16) Adjournment (Motion)

AGENDA ITEM #1 APPROVAL OF NOVEMBER 13, 2015 BOARD MEETING MINUTES (MOTION)*

Motion: By Peters, seconded by Thingelstad for approval of November 13, 2015 Board Meeting Minutes.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

AGENDA ITEM #2 APPROVAL OF VOUCHERS SINCE LAST MEETING (MOTION)

Motion: By Nelson, seconded by Albertson for approval of vouchers since last meeting.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

AGENDA ITEM #3 ACTIVITES REPORT ENDING DECEMBER 2015, REVIEW OF DEPOSITS & QUARTERLY REPORT

The Board discussed the activities report ending December 2015, conducted a review of the deposits and found everything to be in good order.

AGENDA ITEM #4 INVESTIGATION REPORTS

Case 09-06 **Competency and Professional Conduct** - Hearing scheduled for April 26, 2016; 9 a.m. at the Hughes County Courthouse in Pierre

Case 15-03 **Practice without CoA - AR**- Legal counsel to generate Assurance of Voluntary Compliance

Case 15-05 **Practice without CoA - PE** - Consent agreement rejected will need to schedule hearing

Case 15-06 **Audit - Failure to Comply** - Assurance of Voluntary Compliance returned unclaimed.

Case 15-09 **Business entity allowing unlicensed practice** - Legal counsel reviewing.

Discussion on the above cases was deferred until legal counsel could be present.

AGENDA ITEM #5 OLD BUSINESS

Action Items - reports

Possibility of requesting all South Dakota resident remediators and assessors to consider volunteering to write new Petroleum Release exams.

Reviewed most missed questions on Take Home Exam for possible future revision.

DLR - 9 and DLR - 11(SB 40 & SB 41)

Legislative Session Opened January 12 - Board bills have been assigned to the Senate Commerce and Energy Committee for first review and then will go to House Commerce and Energy Committee.

NCARB Fast Facts - November 2015 - Informational for Board

NCEES Changes to Future Exams

Most notable, the last pencil/paper administration of the Principles and Practice of Surveying exam will be April 2016. The exam will be converted to a computer-based test after that, with the first appointments available in October 2016.

ABET EAC Criteria Changes

Deadline for public comment extended until June 30, 2016.

AGENDA ITEM #6 NEW BUSINESS

Board Member up for Re-appointment - Drake Olson

NCARB - National Architect Newsletter

An online bimonthly newsletter for NCARB Certificate holders highlighting the latest news and resources for architects.

Training on NC Board of Dental Examiners v. FTC - Staff followed an online presentation of this.

NCARB BOD Brief - Informational

CLARB E-News - Informational

NCARB FY17 Nominations and Election Reminder

Nominations are being taken for the NCARB Member Board Executive Director and Public Director positions for FY 2017.

NCEES Central Zone Awards Application
The consensus of the Board is that none of our Board members are eligible at this time.

CLARB MBE Committee Position - Informational

NCARB Fast Facts - December - Informational

AAES Newsletter - Informational

The Board briefly discussed each of the above topics.

AGENDA ITEM #7 PDH AUDITS (MOTION)

NEW AUDITS - Iona Julia Branscum, PE; John R. Calhoon, LS; John P. Engelhardt, AR; Stephen W. Hearn, PE; Mark A. Hoskins, PE; James B. Huse, AR; Jon Eric Jacobson, LA; Melvin B. Lamke, LS; Robert Callan Mack, AR; Rodney V. Oathout, PE; Julian S. Pearson, PE; James H. Unruh, PE; and Joe Dale Whitlock, LS.

Motion: By Williams, seconded by Nelson to approve the audits of John P. Engelhardt, AR; James B. Huse, AR; and Robert Callan Mack, AR.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Williams, seconded by Nelson to approve the audit of Jon Eric Jacobson, LA.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Peters, seconded by Thingelstad to approve the audits of John R. Calhoon, LS; Melvin B. Lamke, LS; and Joe Dale Whitlock, LS.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Albertson, seconded by Thingelstad to approve the audits of Iona Julia Branscum, PE: Stephen W. Hearn, PE; Mark A. Hoskins, PE: Julian S. Pearson, PE; and James H. Unruh, PE.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Albertson, seconded by Williams to deny the audit of Rodney V. Oathout, PE, as being 2 hours short Of the required 30 hours and to be cautious about articles for in-house marketing.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

REVIEW PREVIOUS AUDITS - Andrew Paul Seibel, PE; LeeJay James Templeton, PE; and David Phillip Yexley, PE.

Motion: By Albertson, seconded by Thingelstad to approve the audit of Andrew Paul Seibel, PE.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Albertson, seconded by Thingelstad to deny the audit of LeeJay Templeton, PE, as being short 3 hours of the 30 required.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Motion: By Albertson, seconded by Nelson to deny the audit of David Phillip Yexley, PE, as being short 3 hours of the 30 required.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

AGENDA ITEM #8 APPROVAL OF PASSING EXAMINEES FROM OCTOBER, NOVEMBER AND DECEMBER. (MOTION)

Motion: By Albertson, seconded by Olson for approval of the examinees for passing the Fundamentals of Engineering (FE) Exam.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Issue Date	Name	Certificate #	Exam	Exam Date
12/01/2015	Anderson, Anthony James	E-11964	FE	11/21/2015
11/17/2015	Aschoff, Kory Hayden	E-11936	FE	11/05/2015
12/17/2015	Birkenfeld, Shiloh	E-11969	FE	11/21/2015
11/17/2015	Birkey, Samuel Leonard	E-11937	FE	10/14/2015
11/17/2015	Bove, Taylor	E-11938	FE	10/23/2015
12/01/2015	Campbell, Zachary Karl	E-11958	FE	11/19/2015
12/01/2015	Christian, David W.	E-11959	FE	11/19/2015
12/01/2015	Cimburek, Chase Robert	E-11949	FE	11/12/2015
12/01/2015	Crowser, Daniel	E-11960	FE	11/19/2015
11/17/2015	DeGroff, Eli David	E-11939	FE	11/05/2015
12/01/2015	Dodd, Joshua	E-11950	FE	11/12/2015
11/17/2015	Finnes, Tyler	E-11940	FE	10/22/2015
12/01/2015	Foster, Spenser Todd	E-11951	FE	11/12/2015
12/01/2015	Hanson, Andrew Nicholas	E-11952	FE	11/12/2015
12/01/2015	Hegland, Michael Thor	E-11957	FE	11/16/2015
11/17/2015	Hoftiezer, Jacob David	E-11941	FE	10/22/2015
12/01/2015	Howe, Erik Daniel	E-11965	FE	11/21/2015
11/17/2015	Jennings, Andrew Michael	E-11942	FE	10/17/2015
11/17/2015	Kamrath, Benjamin Dosland	E-11943	FE	10/14/2015
12/01/2015	Kinder, Jacob	E-11966	FE	11/21/2015
12/01/2015	Kroehler, Zachary Thomas	E-11944	FE	11/09/2015
12/01/2015	Leach, Andrew Michael	E-11953	FE	11/12/2015
12/01/2015	Markon, Isaac Luke	E-11955	FE	11/14/2015
12/01/2015	Nienaber, Christopher Michael	E-11967	FE	11/21/2015
12/01/2015	Olson, Riley C.	E-11968	FE	11/21/2015
11/17/2015	Porpst, Aaron	E-11945	FE	10/14/2015
12/17/2015	Ray, Susan	E-11970	FE	11/21/2015
12/01/2015	Sauer, Max James	E-11961	FE	11/19/2015
12/01/2015	Sayler, Garrett	E-11954	FE	11/12/2015
12/01/2015	Schmitz, Aaron Michael	E-11956	FE	11/14/2015
12/01/2015	Soulek, Bryce Emil	E-11962	FE	11/19/2015
12/17/2015	Stekl, Kurt	E-11971	FE	11/23/2015
12/01/2015	Thies, John Foster	E-11963	FE	11/19/2015
11/17/2015	Vandevord, Clayton Michael	E-11946	FE	10/16/2015
11/17/2015	Welbig, Alex Steven	E-11947	FE	11/05/2015

Motion: By Olson, seconded by Thingelstad for approval of the examinees for passing the Principles of Engineering (PE) Exam.

Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Issue Date	Name	#	Exam	Exam Date
12/14/15	Anderson, Jason	12757	PE	10/30/2015
12/14/15	Anderson, Stuart William	12756	PE	10/30/2015

Issue Date	Name	#	Exam	Exam Date
12/14/15	Bestgen, Ross	12758	PE	10/30/2015
12/14/15	Garduna, Ian Lane	12759	PE	10/30/2015
12/14/15	Lentsch, Kyle Jeffrey	12760	PE	10/30/2015
12/14/15	McMahon, Adam	12761	PE	10/30/2015
12/14/15	Morris, Jesse J.	12762	PE	10/30/2015
12/14/15	Pfaff, Wesley	12763	PE	10/30/2015
12/14/15	Schippers, Jared Daniel	12764	PE	10/30/2015
12/14/15	Smidt, Logan Jon	12765	PE	10/30/2015

Motion: By Peters, seconded by Thingelstad for approval of the examinees for passing the Principles of Surveying (PS) Exam.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Issue Date	Name	#	Exam	Exam Date
12/03/15	Huppler, Brandon James	12755	LS	10/30/2015

AGENDA ITEM #9 APPROVALS TO TAKE THE NCEES EXAMINATIONS AS AVAILBLE. (MOTION)

Motion: By Williams, seconded by Nelson for approval of the examinees to take the Fundamentals of Engineering (FE) Exam
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Name	Exam
Bajramovic, Amir	FE
Behnken, Joshua Luke	FE
Brown, Caleb Stephen	FE
Brune, Brett	FE
Cowan, Samuel Xavier	FE
Curtiss, Zach Ryan	FE
Danielson, Justin	FE
Dolan, Marcus James	FE
El Kadi, Omar	FE
Emmer, Jonathan	FE
Ewing, Tiffany	FE
Feistner, Heath	FE
Fletcher, Tyler	FE
Frick, Robert	FE
Gordon, Mathew	FE
Hager, Allan	FE
Halverson, Adam	FE
Hasely, William Steven	FE
Heiden, Chase Aaron	FE
Hillesheim, Jordan	FE

Name	Exam
Hindieh, Yazen	FE
Hodges, Daniel Jared	FE
Hudson, Kyle	FE
Janssen, Logan	FE
Johnson, Matthew David	FE
Kelly, Brigit Nicol	FE
Kurtenbach, Kirstie Anne	FE
Ling, Alexandra	FE
Morrow, Lucas	FE
Ode, Ryan	FE
Pantzke, Shawn Lee	FE
Randall, Ryan Gable	FE
Rebol, Andrew	FE
Rinehart, Riley James	FE
Schock, Justin Cody	FE
Stefanich, Miranda Louise	FE
Steffen, Christian	FE
Stugelmeyer, Laeken	FE
Thompson, Jared Christopher	FE
Warnke, Justin	FE
Young, Mitchell William	FE

Motion: By Thingelstad, seconded by Albertson for approval of the examinees to take the Fundamentals of Surveying (FS) Exam
Action: 6-0 AYE (Albertson, Micko, Nelson, Olson, Thingelstad, and Williams) Peters abstained from voting.

Name	Exam
Daale, Beau David	FS
Jacobsen, Rafe Eric	FS
Peters, Micah	FS
Renner, Nathan Allen	FS

Motion: By Nelson, seconded by Peters for approval of the examinees to take the Principles of Engineering (PE) Exam
Action: 6-0 AYE (Micko, Nelson, Olson, Peters, Thingelstad, and Williams) Albertson abstained from voting.

Name	Exam
Edgar, Brooke Beverly	PE
Eitrem, Jeremy Joseph	PE
Fitzhugh, Troy Michael	PE
Fossen, Naomi Joy	PE
Hartwell, Aaron Joel (Structural Exam)	PE
Holzer, Tevis Jay	PE
Job, Victoria Denise	PE
Johnson, Chad Michael	PE
Johnson, Samuel Arthur	PE
Kerr, Steven Michael	PE
Koubsky, Dustin	PE
Lichty, Kyle Victor	PE
Lupo, Christopher David	PE
Lynn, Elizabeth Ann	PE
Maassen, Shawn Paul	PE
Maras, Jacob Edward	PE
May, Krista Ann	PE
Polenz, Daniel Carlton	PE
Schippers, Jared Daniel (Structural Exam)	PE
Shagla, Lindsay M.	PE
VandenBos, Joshua Lee	PE

Motion: By Peters, seconded by Thingelstad for approval of the examinee to take the Principles of Surveying (PS) Exam
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Name	Exam
Paulsen, Jesse Paul	PS

Motion: By Peters, seconded by Thingelstad for denial of the examinee to take the Principles of Surveying (PS) Exam based on not having 2 years of experience after enrollment as a land surveying intern.
Action: 6-0 AYE (Albertson, Nelson, Olson, Peters, Thingelstad, and Williams) Micko abstained from voting.

Name	Exam
Martinson, Chadwick	PS

AGENDA ITEM #10 OF COMITY APPLICATIONS (MOTION)

Motion: By Williams, seconded by Nelson for approval of the following Architects (AR) by comity.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Amor, William Andrew	Rancho Cucamonga	CA	AR	12768
01/15/2016	Hembree, Johnny Curtis	Alpharetta	GA	AR	9773
01/15/2016	Kougias, Susan Nelson	Arlington Heights	IL	AR	12769
01/15/2016	Lehmann, Glen	Durham	NC	AR	12770
01/15/2016	Maroney, David M.	Minneapolis	MN	AR	12771
01/15/2016	Moe, Randy Lee	Minneapolis	MN	AR	12772
01/15/2016	Nelson, Gaius G.	Saint Paul	MN	AR	12773
01/15/2016	Odom, John S	Saint Louis	MO	AR	12774
01/15/2016	Ripplinger, Josh T.	Minneapolis	MN	AR	12775
01/15/2016	Schaff, Daniel James	Dickinson	ND	AR	12776
01/15/2016	Schroeder, Ryan Andrew	St. Louis Park	MN	AR	12777
01/15/2016	Stepp, Andrew Gary	Milwaukie	OR	AR	12778
01/15/2016	Washburn, Nicole Theresa	Carver	MN	AR	12779
01/15/2016	White, Debra Vestal	Arlington	TX	AR	12780

Motion: By Nelson, seconded by Williams for approval of the following Landscape Architect (LA) by comity.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Lipsey, Bradley	Franklin	TN	LA	12781

Motion: By Peters, seconded by Thingelstad for approval of the following Land Surveyors (LS) by comity.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Bruckner, Anthony Leonard	Omaha	NE	LS	12782
01/15/2016	Janes, Jason Duane	Palmyra	MO	LS	12783
01/15/2016	Main, Jason Edward	Minot	ND	LS	12784
01/15/2016	Rosenthal, Jack	Ottertail	MN	LS	12785

Motion: By Albertson, seconded by Thingelstad for approval of the following Professional Engineers (PE) by comity.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Aaseth, Benjamin Bradley	Jamestown	ND	PE	12786
01/15/2016	Aman, Brandon Paul	Ham Lake	MN	PE	12787
01/15/2016	Bartlett, Richard Lee	Wichita	KS	PE	12788

Date Licensed	Name	City	State	Profession	#
01/15/2016	Becker, Nicholas Joel	Brookfield	WI	PE	12789
01/15/2016	Bergeron, Luke J	Spokane	WA	PE	12790
01/15/2016	Bradby, Mark	Minneapolis	MN	PE	12791
01/15/2016	Caldwell, Cade	Lakewood	CO	PE	12792
01/15/2016	Carter, Russell Lee	Nashville	TN	PE	12793
01/15/2016	Caven, Michael Paul	Des Moines	IA	PE	12794
01/15/2016	Cesare, Thomas J	Brooklyn Center	MN	PE	12795
01/15/2016	Cockerham, Steven Robert	Maitland	FL	PE	12796
01/15/2016	Conlin, Thomas Kelly	Fargo	ND	PE	12797
01/15/2016	Crockett, Kennon Charles	New Orleans	LA	PE	12798
01/15/2016	Crunk, William Whiteaker	Franklin	TN	PE	12799
01/15/2016	Dreyer, William Roy	Bozeman	MT	PE	12800
01/15/2016	Falcon, Darin	Box Elder	SD	PE	12801
01/15/2016	Federle, Stephen Nicholas	Cold Spring	KY	PE	12802
01/15/2016	Fernandez, Antonio Pedro	Houston	Te	PE	12803
01/15/2016	Fornberg, Anders	Denver	CO	PE	12804
01/15/2016	Helman, Dana	Jacksonville	FL	PE	12805
01/15/2016	Kahn, Michael	Chicago	IL	PE	12806
01/15/2016	Kluck, Roger Edwin	Minot	ND	PE	4979
01/15/2016	MacLeod, John	Chicago	IL	PE	12807
01/15/2016	Marburger, Jonathan	South Sioux City	NE	PE	12808
01/15/2016	Meehl, Joshua Douglas	St. Cloud	MN	PE	12809
01/15/2016	Meiners, Theodore Joseph	Cedar Rapids	IA	PE	12810
01/15/2016	Morris, Jeffrey Michael	Monrovia	CA	PE	12811
01/15/2016	Mortellaro, Jean	Centennial	CO	PE	12812
01/15/2016	Mostek, Brad Ray	Lincoln	NE	PE	12813
01/15/2016	O'Hearn, Timothy	TULSA	OK	PE	12814
01/15/2016	O'Leary, John Edward	Lockport	Il	PE	12815
01/15/2016	Panko, James	North Mankato	MN	PE	12816
01/15/2016	Peterman, Karl L			PE	12817
01/15/2016	Renken, Shawn Lewis	Omaha	Ne	PE	12818
01/15/2016	Ruddy, Guy	Bismarck	ND	PE	12819
01/15/2016	Schroeder, Joshua R	West Fargo	ND	PE	12820
01/15/2016	Schwarze, Jordan	Plymouth	MN	PE	12821
01/15/2016	Sermon, Robert Christian	Natrona Heights	PA	PE	12822
01/15/2016	Spies, Christopher S	Raymore	MO	PE	12823
01/15/2016	Spitzley, John Edward	Reddding	CA	PE	12824
01/15/2016	Stark, Michael Richard	Littleton	CO	PE	12825
01/15/2016	Svare, Mark James	Andover	MN	PE	12826
01/15/2016	Sweet, Dustin Kyle	Ballwin	MO	PE	12827
01/15/2016	TeVelde, Chad Arthur	Greeley	Co	PE	12828

Date Licensed	Name	City	State	Profession	#
01/15/2016	Thurman, James Frederick	Chesterfield	MO	PE	12829
01/15/2016	Valenzuela, Jr., Carlos	Costa Mesa	CA	PE	12836
01/15/2016	Waterman, Shane Lee	Watertown	SD	PE	12830
01/15/2016	Wenschlag, Wylie Roger	Audubon	MN	PE	12831
01/15/2016	Whitehurst, Kevin Lee	Nashville	TN	PE	12832
01/15/2016	Wilcox, Jennica M	Sioux Falls	SD	PE	12833
01/15/2016	Yurianto, Yurianto	Plano	TX	PE	12834
01/15/2016	Zerr, Stacy Lynn	Des Moines	IA	PE	12835

Motion: By Albertson, seconded by Williams for denial of the following Professional Engineer (PE) by comity based on lack of qualifying experience.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Name	City	State	Profession
Langstaff, Ronald A.	Aurora	IL	PE

AGENDA ITEM # 11 APPROVAL OF BUSINESS APPLICATIONS (MOTION)

Motion: By Williams, seconded by Peters for approval of the following Business License applications.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Company Name	City	State	Profession	#
01/15/2016	Ackerman Surveying & Associates, Inc.	Minot	ND	LS	C-7386
01/15/2016	Agpro Environmental Services, LLC	Greeley	CO	PE	C-7387
01/15/2016	Amor Architectural Corporation	Rancho Cucamonga	CA	AR	C-7388
01/15/2016	ARK Engineering LLC	Syracuse	NY	PE	C-7389
01/15/2016	Armstrong Torseth Skold & Rydeen Inc.	Golden Valley	MN	PE	C-1095
01/15/2016	ARSEE Engineers, Inc.	Fishers	IN	PE	C-2085
01/15/2016	Bay West LLC	Saint Paul	MN	PE/R	C-12
01/15/2016	Bentz/Thompson/Rietow, Inc.	Minneapolis	MN	AR	C-7390
01/15/2016	Control Technology & Solutions LLC	Ballwin	MO	PE	C-7391
01/15/2016	Crunk Engineering LLC	Franklin	TN	PE/LA	C-7392
01/15/2016	I.C. Thomasson Associates, Inc.	Nashville	TN	PE	C-607
01/15/2016	Janes Surveying, Inc.	Palmyra	MO	LS	C-7393
01/15/2016	JSO Services, LLC	Saint Louis	MO	AR	C-7394
01/15/2016	K Crockett Designs, llc	New Orleans	LA	PE	C-7395
01/15/2016	Kiewit Corporation	Omaha	NE	PE	C-7396
01/15/2016	Kinney Engineering, LLC	Anchorage	AK	PE	C-7397
01/15/2016	Knott Laboratory	Centennial	CO	PE	C-2515
01/15/2016	KTM Design Solutions Inc.	Rapid City	SD	PE	C-7398
01/15/2016	Mercer Software Solutions, LLC	Willow Park	TX	LS	C-7399
01/15/2016	Mobilitie Engineering and Construction, LLC	Costa Mesa	CA	PE	C-7400
01/15/2016	Modular Structural Consultants LLC	Plano	TX	PE	C-7401

Date Licensed	Company Name	City	State	Profession	#
01/15/2016	Morin Corporation	Deland	FL	PE	C-7402
01/15/2016	NEC, Inc	Cedar Rapids	IA	PE	C-7403
01/15/2016	Neel-Schaffer, Inc.	Jackson	MS	PE	C-7404
01/15/2016	Pieper O'Brien Herr Architects	Alpharetta	GA	AR	C-6112
01/15/2016	Renken Engineering Solutions	Omaha	NE	PE	C-7405
01/15/2016	Ridgetop Engineering & Consulting, LLC.	Johnstown	CO	PE	C-7406
01/15/2016	RLC Solutions, Inc.	Natrona Heights	PA	PE	C-7407
01/15/2016	Ryan A. Schroeder, Architect, LLC	St. Louis Park	MN	AR	C-7408
01/15/2016	Swegon North America Inc.	Ontario	Canada	PE	C-7409
01/15/2016	Terra Technologies LLC	McHenry	IL	PE	C-7410
01/15/2016	The Nelson Tremain Partnership, PA, Inc	Minneapolis	MN	AR	C-7411
01/15/2016	Venice Engineering & Consulting	Houston	TX	PE	C-7412

AGENDA ITEM #12 REVIEW RENEWAL w/DISCIPLINE, PREVIOUS APPS & MISC. (MOTION)

Motion: By Albertson, seconded by Peters for approval of the following Petroleum Release Remediator (R) Exam application on second review.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Fitzpatrick, Ryan	Pierre	SD	R	12766

Motion: By Albertson, seconded by Thingelstad for approval of the following Professional Engineer (PE) application on second review.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Date Licensed	Name	City	State	Profession	#
01/15/2016	Karels, Lucas D.	Maple Grove	MN	PE	12767

Motion: By Williams, seconded by Albertson for approval of the following renewal with discipline.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

Name	Profession
Finn, Kevin M.	PE

Board member Steve Williams brought up an issue for board discussion pertaining to whether or not the board should be involved in the development of a licensure program for Interior Designers. It is the consensus of the Board that it would be better for AIA to be involved in the development of such a program.

AGENDA ITEM #13 ANNUAL, ZONE, COMMITTEE REPORTS & UPCOMING MEETINGS

PREVIOUS -
UPCOMING - Feb. 5, 2016 - NCEES MBE Meeting - Patterson not attending

Feb. 19-20, 2016 - NCARB MBE Engagement Session; New Orleans
(Patterson approved by Board to attend)

March 10 - 12, 2016 - NCARB Regional Summit; Savannah, GA (Nelson, Williams; public member Olson; MBE Patterson) - NCARB pays for MBE, two delegates & scholarship for public Board member - voted at September meeting to attend

May 5-7, 2016 - NCEES Central Zone Interim Meeting
Kansas City, MO (Micko, Albertson, Peters, Thingelstad, and Patterson) Motion to attend - NCEES pays for two voting delegates

Motion: By Nelson, seconded by Olson for approval of Micko, Albertson, Peters, Thingelstad, and Patterson to attend the NCEES Central Zone Interim Meeting; Kansas City, Missouri.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

AGENDA ITEM #14 CORRESPONDENCE (FOR REVIEW AND DISCUSSION, IF DESIRED)

Compliments

CLARB Region 4 Director resigns
CLARB Region 4 Director Allison Fleury resigned due to health issues; Michael Beresnak, the Region 4 Alternate Director and MBM from Alberta, has agreed to step in to her role for the remainder of her term (through September 30, 2016).

ED Position to Nevada Board
Noni Johnson announced her retirement as Executive Director of the Nevada Board; effective June 20, 2016.

ED Position to Kansas Board
Mary Leigh Dyck announced her retirement as Executive Director of the Kansas Board; effective immediately.

Pearson VUE Data Breach
Hackers may have accessed social security numbers and payment information in the Pearson VUE system.

NCARB IDP Experience Calculator
An excellent tool for determining how older IDP program exams can be transitioned into the new IDP program exams.

NAAB Visiting Team at SDSU
NAAB will be visiting the first graduating class of students in the Masters of Architecture program at South Dakota State University.

The Board briefly discussed each of the above topics.
Other various board correspondence/Email

Chairman Micko brought up an issue for discussion by the board regarding volunteering to represent the board on the NCEES DPC committee. This is a Committee that researches all legislation for anything that could affect the professions and industries. A Watchdog lobbyist is funded by this committee to monitor legislation nationwide and alert the DPC so they can determine how such legislation may affect the professions and industry in part or as a whole.

AGENDA ITEM #15 FUTURE BOARD MEETING SCHEDULE

March 18, May 20, July 15, September 23 & November 18

AGENDA ITEM #16 ADJOURNMENT (MOTION)

Motion: By Peters, seconded by Thingelstad to adjourn the meeting.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

There being no further business, at the hour of 10:02 a.m. the Board meeting of the South Dakota Board of Technical Professions adjourned.

Kathryn Patterson

Kathryn Patterson, Executive Director

Submitted by Susan Neuf, Secretary, SDBTP

ACTIVITIES REPORT FOR THE YEAR 2016

	ASSESSOR			AR			AR/LA			LA			LS			PE			PE/AR		
DATE	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT
1/31	6	4	**10**	108	747	**855**	1	0	**1**	17	37	**54**	117	278	**395**	908	3175	**4083**	1	3	**4**
2/28	6	4	**10**	108	745	**853**	1	0	**1**	17	37	**54**	117	277	**394**	908	3171	**4079**	1	3	**4**
3/31		0			0			0			0			0			0			0	
4/30		0			0			0			0			0			0			0	
5/31		0			0			0			0			0			0			0	
6/30		0			0			0			0			0			0			0	
7/31		0			0			0			0			0			0			0	
8/31		0			0			0			0			0			0			0	
9/30		0			0			0			0			0			0			0	
10/31		0			0			0			0			0			0			0	
11/30		0			0			0			0			0			0			0	
12/31		0			0			0			0			0			0			0	

	PE/LA			PE/LS			PE/LS/R			PE/R			REMEDIATOR			LICENSEES			BUSINESS		
DATE	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOTAL	RES	NON	TOT
1/31	0	1	**1**	63	16	**79**	1	1	**2**	14	8	**22**	21	20	**41**	1257	4290	**5547**	290	1971	**2261**
2/28	0	1	**1**	63	16	**79**	1	1	**2**	14	7	**21**	21	20	**41**	1257	4282	**5539**	290	1969	**2259**
3/31		0			0			0			0			0			0	**0**		0	
4/30		0			0			0			0			0			0	**0**		0	
5/31		0			0			0			0			0			0	**0**		0	
6/30		0			0			0			0			0			0	**0**		0	
7/31		0			0			0			0			0			0	**0**		0	
8/31		0			0			0			0			0			0	**0**		0	
9/30		0			0			0			0			0			0	**0**		0	
10/31		0			0			0			0			0			0	**0**		0	
11/30		0			0			0			0			0			0	**0**		0	
12/31		0			0			0			0			0			0	**0**		0	

Agenda Item 3

		JAN	FEB	MAR	APR	MAY	JUNE
Business		2261	2259				
Active		5547	5539				
Inactive		240	239				
Retired		169	169				
TOTAL		**8217**	**8206**	**0**	**0**	**0**	**0**

		JULY	AUG	SEPT	OCT	NOV	DEC
Business							
Active							
Inactive							
Retired							
TOTAL		**0**	**0**	**0**	**0**	**0**	**0**

ACTION ITEMS

	Initial Date	Action	Decision	Responsible Person(s)	Status
1	05/31/2013	Building Officials Guide	Update information for posting to website	Board / Building Officials	Draft in Place - Ready to post to website?
2	07/26/2013	Rewrite Petroleum Release Exam - review experience required for Assessor & Remediator	Update with new references; new questions; and separate exam for Assessor/Remediator	Dennis/Mike/ Staff - Alan Bakeberg to work with from DENR	Request all SD resident R/A to assist in writing new exam?
					Possibly contact Len N. to see if would be interested in working on re-write - need to see if we can place him on contract
3	01/14/2015	Use of Board reserve funds	Contact state auditor for how funds may be used	Mike / Drake / Staff	In Progress
					Suggestions: refreshments; shirts for Board members; scholarships; smart board/projector to eliminate all printing of packets
4	03/20/2015	Outreach to assoc. of counties, co. commissioners, and/or rural permitting agents	Pursue outreach to benefit from Board knowledge	Board	In Progress
					Create power point presentation to give to Municipal League; Co. Comm. Group; Council of Governments; etc.
5	11/13/2015	Review Take Home Exam	Review exam - update of questions	Board/Staff	Questions 13 and 40 have had wording changed for future exams.

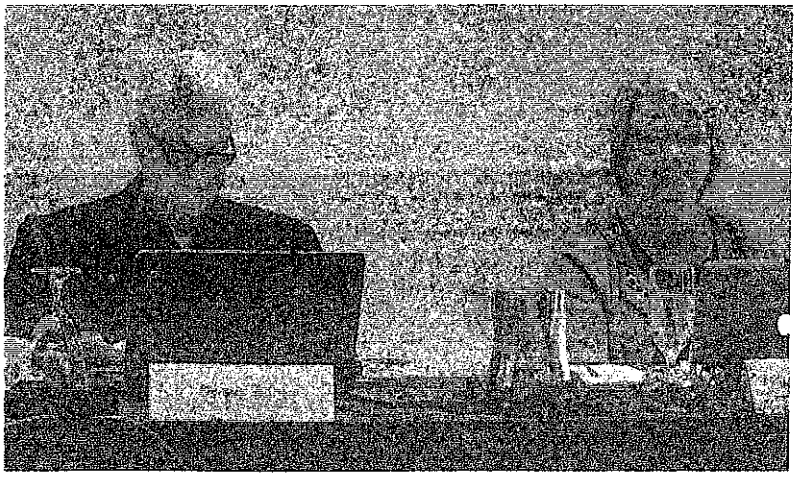
as of 02/17/16

Agenda Item 5a

NCARB BODbrief

December 2015

This publication is designed to provide timely updates on the actions and discussions of thet 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.



Highlights

Feedback and guidance from its jurisdictional Member Board Members guided the actions of the Board of Directors of the National Council of Architectural Registration Boards (NCARB) at its December meeting in Asheville, NC, December 3-5. During the meeting, the Board acted on several issues after providing comment periods and reviewing options over multiple Board meetings. The resulting actions include:

- Voting to amend the *IDP Guidelines* to create an additional experience reporting method and rename the Intern Development Program (IDP);
- Adoption of work group language to guide a draft resolution adjusting the Broadly Experienced Architect (BEA) alternative for NCARB certification;
- Adopting a "sense of the Board" motion regarding proposals to modify the governance and funding models relating to the National Architectural Accrediting Board (NAAB); and
- The reduction or adjustment of fees related to the NCARB Certificate.

As NCARB develops implementation plans for these actions, further specifics will be issued.

The Board engaged in a variety of briefings and discussions regarding external relationships and progress on developing initiatives. The second annual engagement with the president, president-elect, and executive director of the National Architectural Accrediting Board (NAAB) concluded the first day of full Board meetings; that evening the Board hosted its guests including North Carolina Board members John Tabor and Cheryl Walker.

President Dennis Ward briefed the Board on his recent member and collateral outreach activities. The Board heard updates on strategic plan goals, potential new international agreements, financial cost study results and operational activities from CEO Michael Armstrong, and committee updates and regional "hot topics" from Board members.

The Board of Directors also accepted the recommendation of the Public Member Task Force to abolish the *Policy for Nomination of the Public Member on the NCARB Board of Directors* and amend language within the *Policy for Elections of Officers* and to retitle the policy as the *Policy for Elections of Officers and Public Members*, as a house-cleaning measure following the June 2015 vote of the membership to redefine the public director qualifications.

These policy amendments will serve to guide the election process for public directors through an at-large format at the Annual Business Meeting similar to the election of Board officers.

The Board also focused on several items related to the Architect Registration Examination® (ARE®):

- Approved a recommendation from the Professional Conduct Committee (PCC) to invalidate a candidate's exam score and suspend the candidate's testing privileges for one year based upon inappropriate use of materials in the testing center
- Received an update on the "Pace of Change" study relating to surveys and focus groups providing feedback on how changes in architectural practice may drive changes in the ARE item bank and ARE policies
- Participated in a demonstration of new ARE 5.0 tools including case studies, hotspot, and drag-in-place in a simulated test center environment

More details on the Board's deliberations relating to *IDP Guidelines Amendments*, BEA Proposal, NAAB Governance and Funding, and Fee Adjustments, are contained below.

IDP Guidelines Amendments

The authority to amend the *IDP Guidelines* rests with the NCARB Board of Directors. As a precursor to amending these guidelines the Board seeks feedback from its Member Boards. The Board's deliberations focused on Member feedback regarding two proposed amendments: adding an "e-portfolio reporting method" as a means to satisfy the program requirements for individuals whose experience does not meet the traditional reporting; and renaming the program to eliminate the use of the word "intern" from the program title. It is anticipated that both amendments would be implemented on June 29, 2016, simultaneous with the implementation of the overhaul of the IDP from 17 experience areas to six practice-based areas. This completes the second and final phase of changes to the experience requirements launched through Board action in 2014. The first phase involved streamlining the IDP from 5,600 hours to 3,740 hours by the elimination of elective hours, which went into effect July 1 of this year.

A. Incorporation of the E-Portfolio Method as an Alternative Satisfaction of IDP Requirements

The e-portfolio concept was reviewed by the Board last year and presented for additional orientation and comment at the June 2015 Annual Business Meeting. From July 1 through September 30, formal comments from 44 Member Boards were received. An additional comment period was added during the month of October via three "virtual meeting" conference calls with Board President Dennis Ward and NCARB staff. Between the written and verbal comments, 52 of the 54 Member Boards provided feedback regarding the concept. Based on the collective feedback and further Board deliberation, the Board voted to amend the IDP Guidelines to incorporate the e-portfolio method as an alternative means of fully complying with the requirements of the IDP. In taking this action, the Board amended its concept based on feedback from the Member Boards as follows::

- The e-Portfolio method will undergo a sunset review three years from the time of implementation. This means that unless the Board elects to continue the program, it will cease at the end of three years from the date of implementation.
- Signatories attesting to the work of the e-portfolio candidate must either be a current supervisor of six months standing or a mentor of one year standing; in both instances these persons must be licensed architects. The Board determined that given the requirement to utilize a current supervisor or mentor, the proposed requirement of supervisors/mentors holding an NCARB Certificate would create an inappropriate burden on the candidate

Eligibility for the program will be conditioned on an individuals' engagement in the architecture profession being a minimum of seven years before applying to use this method to complete the IDP. Applicants cannot submit a combination of reported hours under the traditional IDP and an e-portfolio under the alternate method. Work eligible for e-portfolio submission will not be constrained by time limits. In the coming months, specific guidance and additional information will be provided regarding the implementation of this additional method.

B. Renaming the Intern Development Program

During the past fiscal year, the NCARB Board accepted a report from its Future Title Task Force recommending that references to "intern" and "internship" be removed from NCARB program vocabulary. The report stated that NCARB's regulatory focus should be solely upon the use of the word "architect" as restricted to those who obtain a license to practice. The rationale behind this recommendation states that the decision to title a non-licensed person more properly exists within the context of the business marketplace rather than within regulatory constructs. For example, one firm may refer to a non-licensed employee as a "senior designer" while another may title the same person "project manager;" yet, neither is likely to introduce that individual to their clients as an "intern."

NCARB announced that it would embark upon a year-long "sunset approach" to its use of the title "intern" at the corporate level. To date, actions have included renaming IDP Coordinators as "Architect Licensing Advisors," revising NCARB communications style guidance to use new descriptors for those of pre-licensure status, and issuing committee charges to explore modifications to guidelines and *NCARB Model Law* to allow use of alternate references.

Part of the year-long sunset activity includes the administrative issue of changing the title of the NCARB program addressing experience. The Board determined that any change at the NCARB level should not compel any immediate action by its Member Boards. The Board reviewed numerous options to re-title the program received from Member Boards, NCARB conference and convention booth visitors, members of the NCARB Intern Think Tank, and staff. The Board selected *"The Architectural Experience Program"* as the new title. In making this selection, the Board desired compatibility with other titles such as "Architect Registration Examination."

References to the new title will carry an important caveat: "formerly known as the Intern Development Program, or IDP." This specific language is designed to maintain linkage to jurisdictional law or regulation, which may continue to use the old title of IDP. A review by NCARB legal counsel determined that the inclusion of this clarifying language will assure that no jurisdiction is obligated to change its laws or rules. While NCARB is taking a position regarding its program, it respects the interests of its individual members to choose the program reference most efficient for them. Similarly, providing a title to those unlicensed individuals remains an option for a jurisdiction should it desire to do so. Proposed changes to *NCARB Model Law* are being reviewed through the NCARB committee process and would require a resolution of the full membership at its Annual Business Meeting.

Draft Resolution to Amend Certification Guidelines Regarding the Broadly Experienced Architect (BEA) Program

NCARB's *Certification Guidelines* currently provide a process to enable certification for those licensees who did not obtain a degree from a NAAB-accredited program. Known as the Broadly Experienced Architect (BEA) Program, these licensees submit their education transcript for an evaluation known as the EESA to identify deficiencies. They address education deficiencies through submitting a portfolio of work for peer review.

These licensees have already complied with additional experience requirements to receive their initial license. The current program assesses fees for the EESA evaluation and peer review, along with an initial Certificate application fee.

Efforts to amend this program through resolution at the June 2015 Annual Business Meeting failed by one vote. Following the failure of that resolution, Board President Dennis Ward appointed a work group of seasoned volunteers familiar with the BEA process to design a revised approach to amending the program. The work group was composed of BEA Committee Chair Arne Jorgenson of Wyoming, Past President Frank Guillot of Vermont, Board Secretary Terry Allers of Iowa, Region 6 Director Bob Calvani of New Mexico, and Region 3 Director Alfred Vidaurri of Texas.

The NCARB Board vote adopted the consensus recommendation of the work group and directed staff to draft a proposed resolution with the following elements:

- A minimum three years of licensure requirement for all applicants through this process
- Restricting the peer review and EESA elements of the program to those licensees who do not have an architecture-related or pre-professional degree (those with less than 64 credits would not qualify for an EESA review)
- Streamlining the program for those with architecture-related degrees or pre-professional degrees by requiring double the experience (IDP) requirements, and eliminating EESA review or peer review

This adjusted proposal restores additional rigor to the subset of applicants whose education does not relate to architecture, which historically is a very small fraction of the total applicant pool. At the same time, overall fees will be reduced for this group through the automation of the peer review process. Automation through an electronic portfolio is currently being piloted by this year's BEA Committee. For those falling in the category of having a four-year related or pre-professional degree, the streamlining of the process will also significantly reduce fees and time.

The NCARB Board was clear in its intent to maintain the current focus of the program: acknowledge the reality of 17 states allowing licensure without holding a degree from an accredited program, but fulfilling its goal to facilitate licensure by creating a fair process to elevate these candidates to the standards of the remaining jurisdictions.

The draft resolution will include background information regarding historic data of program participants. Draft resolutions will be provided for Member Board discussion in the months leading up to the June Annual Business Meeting, including interaction with NCARB Board members at the March Regional Summit. The Board will formally adopt resolution language at its April Board meeting.

"Sense of the Board" Regarding NAAB Governance and Funding

NCARB, along with its collateral colleagues from the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Architects (AIA), is a signatory to the charter creating the National Architectural Accrediting Board (NAAB). The charter indicates that these three organizations will provide revenue to the NAAB and populate its governing Board. The NAAB bylaws, in turn, provide specific guidance regarding the composition of the NAAB Board. Funding formulas are arrived at through negotiation and concurrence between the collaterals, including the American Institute of Architectural Students (AIAS).

A multi-year effort to explore new governance and business models for the NAAB, and potentially its relationship with the ACSA, has included a "Path Forward Task Force" composed of NAAB and ACSA board members and an Advisory Committee composed of representatives from AIA, AIAS, and NCARB. In October, the task force issued its final report with several specific proposals. Each collateral organization has been invited to comment on the task force's report. Prior to the NCARB Board meeting, the NAAB Board voted in October to endorse modified elements of

the report and the ACSA Board voted in November to endorse the entire report without modifications.

After reviewing the task force's report, and the voting/rationale of the NAAB Board, the NCARB Board passed a "sense of the Board" motion agreeing with the modified elements of the report as endorsed by the NAAB. While no formal action by NCARB is required at this time, the NAAB has indicated its intent to propose a bylaws change effecting the design of its board at its February meeting. The NAAB charter provides veto authority to the ACSA, AIA, and NCARB for any NAAB-proposed bylaws change. Thus, the NCARB feedback was given to assist the NAAB Board in its February deliberations.

The ACSA support of the task force's report, and NAAB positions supported by the NCARB Board are as follows:

- Sign a Memorandum of Understanding encompassing all the elements of the Task Force Report: ACSA votes yes; NAAB and NCARB vote no
- Pursue a Joint Operating Agreement between the NAAB and ACSA: ACSA votes yes; NAAB votes yes contingent upon further research regarding feasibility/cost of co-location (this action does not require NCARB approval)
- Reconstitute the NAAB Board into five educators, four practitioners, two students, and two public members: ACSA votes, yes; NAAB and NCARB support four educators, four practitioners, two students, two public members, and one past president coming from either the educator or practitioner pool. Under this scenario, all collaterals would nominate for all positions, with selection made by the NAAB Board. The current alignment for the NAAB Board is: three members each nominated by ACSA, AIA, and NCARB; two members nominated by AIAS; and two public members nominated by any collateral. All current board members are selected by the NAAB Board.
- Redesign the collateral funding model to receive 50 percent funding from ACSA via their collection/allocation of member dues and assessment of fees and roughly 25 percent funding from AIA and NCARB (with a smaller amount paid by AIAS), with specific details still in the process of being finalized: ACSA, NAAB, NCARB all voting yes
- Create an Education Coordinating Council to stand as an organizational entity coordinating all aspects of the education continuum including K-12 outreach, academic programs, experience/internship programs, and continuing education: ACSA votes yes; NAAB and NCARB vote to support a modified version of the ECC to serve as an idea exchange/clearing house without assuming to control individual programs or initiatives sponsored by the collaterals or implying a merger or other combination of organizations/programs.

Both the NAAB Board and the NCARB Board indicated their desire to avoid pre-determined outcomes. In the case of NCARB, ongoing legal advice has been to discourage signing Memoranda of Understanding as an implied, inappropriate restriction of present and future Board authority.

In other NAAB-related news, immediate Past President Dale McKinney, FAIA was nominated by the Board to fill a three-year term on the NAAB Board starting in October 2016. No determination has been made regarding this term or the terms of other current NCARB nominees serving on the NAAB Board should the NAAB bylaws for board composition be revised. McKinney's nomination is to succeed NCARB Past President and current NAAB President Scott Veazey, AIA when his term expires next October.

Fee Adjustments

The Executive Committee of the Board continued its review of NCARB fees, with guiding principles tying any revisions to be phased with programmatic changes and with a focus toward simplification. The Executive Committee forwarded several items for full Board discussion and action. The Board made the following determinations:

- Voted against a motion forwarded by Region 2 that would create a waiver of the initial Certificate application fee for Member Board Members based on a set of criteria defining meritorious service and awarded by either the president or executive staff.
- Voted for reducing the Certificate application fee from $1500 to $1100. This fee is charged to individuals who have never held an NCARB Record. Recent licensees, who maintained an active NCARB Record throughout documentation of experience, testing and licensure, will continue to have the full Certificate Application Fee waived if certification is sought within a year of licensure.
- Voted for establishing a new processing fee for paper Certificate renewals of $20 per year. All renewals paid online will continue at the current rate of $225.
- Voted to eliminate the graduated Certificate application discount for licensees who held an NCARB Record as an intern, but who did not seek certification within one year of licensure.

Specifics and timelines for implementation of these changes will be issued at a later date.

COUNCIL OF LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS

Member Board E-News

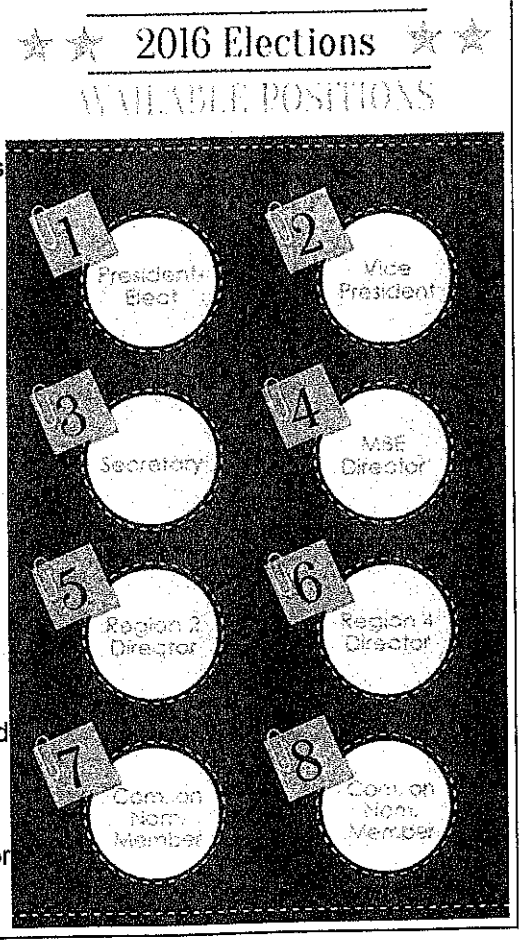
December 2015

Important Dates and Reminders

- **January 4** - Registration opens for the April L.A.R.E. administration
- **Week of January 18** -- Results available from the December L.A.R.E. administration

Visit the CLARB website for information about Board of Directors meetings and minutes.

The 2016 Nominations Now Open!



The deadline for nominating eligible individuals for the 2016 elections is less than a month away. We encourage you to nominate any eligible individual that you believe has distinguished himself/herself as a potential leader. (If you're eligible, you may nominate yourself.)

Here's how to make a nomination:

1. **Review the list of eligible candidates** to ensure you or the person you wish to nominate is eligible to run for that elected position.
2. Confirm with the potential nominee that he/she is interested in running for an elected position.
3. **Complete the nominations form** and **return it to CLARB by Friday, January 8, 2016**.

You can learn more about the nominations and elections process, as well as the responsibilities and time commitments for leadership positions, on the **website**.

Questions? Contact Veronica Meadows via **email** or phone (703-949-9462).

Growing the Pipeline of Licensees is Crucial for Regulation to Survive and Thrive

IN THE KNOW

If regulation is not only to survive but thrive, boards must do all that they can to build a strong case for their existence. CLARB believes that growing the licensee base is one way boards can help ensure their survival. The more people doing work that affects the public's health, safety and welfare, the more important it is to ensure that the public is protected. Also, boards can partner with members of the profession who support licensure in order to have a bigger voice in pro-regulation discussions.

During the January "In the Know" webcast we'll explore this topic in greater detail plus you'll hear from members of the Oklahoma Board about their unique approach to growing the licensee base in their jurisdiction.

Accessing the webcast via computer or iPad is easy!

Computer

- Step 1: Login. There's no need to pre-register. **Simply login** when it's time to join.
- Dial in. Dial 1-800-501-8979 and enter access code 9499463.

iPad

- **Install** the app. (The app is named Level 3 Web Meeting.)
- Enter the conference phone number: 8005018979 (no dashes).
- Enter the access code: 9499463.
- Follow the prompts to join the meeting.
- Dial in to hear the webcast. Dial 1-800-501-8979 and enter access code 9499463.

About CLARB's "In the Know" Series

This series is designed to ensure that all CLARB Members are "in the know" about key issues, programs, activities and processes that are part of the organization's work on behalf of the Membership. These events are prepared for the benefit and exclusive use of our Member Board Members, Executives and Staffs. We respectfully ask that access information for these events not be shared with the public.

Did you miss the December webcast? This month's webcast about environmental scanning, the first step in the strategic planning process, is **now available** in video, PowerPoint and PDF formats. Also now available: a new section on the CLARB website that contains **additional strategic planning tools**.

What Does Regulation Look Like in Your Jurisdiction?

Starting in the new year, we'll be conducting our annual member research regarding what regulation looks like across North America. These discussions to update your jurisdiction's information allow us to:

- Provide an opportunity for dialogue with every Member Board;
- Ensure that we have the most up-to-date information on

Board requirements--this helps us to more accurately respond to member, candidate and licensee inquiries, as well as display accurate information on our interactive website maps;

- Find out more about how Member Boards operate and where there may be opportunities for better supporting our members; and
- Share any significant findings to membership following completion of our research.

Member research includes:

- Number of landscape architect licensees;
- Membership breakdown by board type and structure;
- Size of Member Boards (in terms of board members and staff);
- Overview of licensing requirements (education, exam, experience and CE);
- And much more!

Missy Sutton will be contacting Member Board Executives in January to set up research appointments. Please help us by taking part in this important project.

A Special Thanks to Volunteers

Please join your Board of Directors and staff in recognizing the valuable contributions of our volunteers. The talent, hard work and dedication of these professionals to CLARB's purpose and mission ensure that we can provide strong, effective, consistent, visionary and principled support to you and our shared stakeholders in support of the public's health, safety and welfare.

THANKS TO THESE VOLUNTEERS WHOSE TERMS OF SERVICE CONCLUDED THIS YEAR:

- Chip Brown - Exam Committee
- Kris Brown - Exam Committee
- Melissa Cornelius - MBE Committee
- Nicole Crutchfield - Exam Committee
- Terry DeWan - Region 1 Director
- Laura Dukes - Exam Committee
- Mary Leigh Dyck - MBE Committee
- Allison Fleury - Region 4 Director & CLARB Rep. LA CES Administrative Committee
- Karen Kiest - Region 5 Director
- Stephanie Landregan - Past President
- Suzette Lopane - Exam Committee
- Rob Lopez - CLARB Rep. LA CES Monitoring Committee
- Sherri Moorer - MBE Committee
- Dean Pearson - Committee on Nominations
- Le'Ann Seely - Committee on Nominations
- Chuck Smith - Committee on Nominations
- Rip Weaver - Committee on Nominations

Patterson, Kathryn

From: Hillegas, Kathy <KHillegas@ncarb.org>
Sent: Monday, December 14, 2015 11:00 AM
To: Hillegas, Kathy
Cc: Haese, Derek
Subject: FY17 Officer, MBE and Public Directors Nominations and Election Reminder
Attachments: FY17 Officer and Public Member Elections Notification Memo_Final (2).pdf; FY17 MBE Director Announcement.pdf

Good Afternoon Member Board Executives:

Attached for your review are two very important memorandums regarding the FY17 NCARB Board of Directors. The first is a memorandum from CEO Mike Armstrong which outlines key information related to candidates running for the FY17 Board of Directors officer and PUBLIC Director positions. The second is a memorandum from FY16 MBE Committee Chair, Maria Brown, regarding a call for nominations for the FY17 MBE Director position. Note – the FY17 Officer and Public Directors Nominations and Election Reminder has also been distributed to all Member Board Members.

Do not hesitate to contact me should you have any questions.

Regards,

Kathy

Kathy Hillegas
Director, Council Relations

NCARB LET'S GO FURTHER

National Council of Architectural Registration Boards
1801 K Street NW Suite 700K
Washington, DC 20006
Direct: 202/879-0540
Customer Service: 202/879-0520

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National Council of Architectural Registration Boards 1801 K Street NW, Suite 700K Washington, DC 20006 202/783-6500 202/783-0290 FAX

MEMORANDUM

To: Member Board Executives

From: Maria Brown
Chair, MBE Committee

Date: 14 December 2015

Subject: FY17 Member Board Executive Director Position

Nominations for the FY17 MBE Director are now being accepted. The successful candidate will serve from July 1, 2016 through June 30, 2017.

Article VII, Section 2 of the Bylaws reads as follows:

"A candidate for election as the Member Board Executive Director shall be:

(i) a citizen of the United States,
(ii) either an executive director or hold a comparable position as the primary administrator responsible for overseeing the activities of a Member Board at the time of election,
(iii) nominated by vote of a majority of the members of the Member Board Executives Committee, and
(iv) such person so nominated shall be elected at the Annual Meeting.

A Member Board Executive Director shall serve the same term and with the same limit on succeeding terms as apply to Regional Directors in this Article VII, Section 3, and any vacancy in the office of Member Board Executive Director shall be filled by vote of a majority of the members of the Member Board Executives Committee."

Article VII, Section 3 refers to Regional Directors serving no more than 3 consecutive one year terms.

The current MBE Director, Kingsley Glasgow, is now serving his 2nd term in this position.

Enclosed is a position description, as well as the timeline for selection of the MBE Director on the FY17 Board of Directors. Elections for this position will take place during the MBE Workshop on March 10, 2016.

Qualified and interested candidates are encouraged to submit their resume and a cover letter to me (maria@orbae.com) for inclusion in the MBE Workshop meeting materials. Candidates will have until the morning of the MBE Workshop to declare their intent to run for the MBE Director Position.

Do not hesitate to call if you have any questions or comments.

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National Council of Architectural Registration Boards (NCARB)
FY17 Member Board Executive Director
Selection Process & Timeline
(service beginning July 1, 2016)

December 14, 2015	Open nominations process for MBE Director Candidates
February 15, 2016	Resume and cover letter submitted to Council for inclusion in MBE Workshop meeting materials
March 10, 2016	Candidate speeches offered at the MBE Workshop followed by Q&A with Candidates **Election held at MBE Workshop** Process: Ballots will be counted by one member of MBE committee and Board liaison, with NCARB staff. A simple majority wins the election. Each member jurisdiction is limited to one vote. In the event of an uncontested election, the vote will be by acclamation. **Note** - Member Board Executives unable to attend will be given the opportunity to vote by submitting an email to designated member of the MBE Committee the day of the Workshop. Chair submits letter to President announcing results of election and name of candidate
June 18, 2016	Ratification of candidate during Annual Meeting
July 1, 2016	Service on FY17 Board of Directors begins

NCARB
National Council of Architectural Registration Boards 1801 K Street NW, Suite 700K Washington, DC 20006 202/783-6500 202/783-0290 FAX

MEMORANDUM

TO: Member Board Members
Member Board Executives

FROM: Michael J. Armstrong
Chief Executive Officer

DATE: 14 December 2015

SUBJECT: Nominations and Election Reminder: FY17 Officers and Public Director on NCARB Board of Directors

Each year in December the process of nominations for election to NCARB office begins. As a result of the passage of 2015-03; *Bylaws Amendment – Modifications to the Qualifications of Public Director on Council Board of Directors* at the Annual Business Meeting this past June, beginning this year, the Council will be seeking candidates for the Public Director position as well.

Following passage of the Resolution, President Dennis Ward empaneled a Task Force to develop the process for selection of candidates for the Public Director position. In October, a memorandum outlining the process was distributed to all Member Boards and a feedback session was held for public member board members in November. Earlier this month, the Board of Directors voted to abolish the *Policy for Nomination of the Public Member on the NCARB Board of Directors* and amend language within the *Policy for Elections of Officers* and to retitle the policy as the *Policy for Elections of Officers and Public Members*, as a house-cleaning measure following the June 2015 vote. These policy amendments will serve to guide the election process for Public Directors through an at-large format at the Annual Business Meeting similar to the election of Board officers.

For both the Officers and Public Director positions the Bylaws state:

Officers
Article VIII-Officers, Section 2. *Qualifications and Limitations,* In order to be eligible for elective office in the Council a person shall be:

A. a citizen of the United States; and

B. at the time of election; serving either (i) as a member of the Council Board of Directors or (ii) as a member of a Member Board and, in the case of Member Boards regulating professions in addition to the profession of architecture and which is divided into professional sections, as a member of the architectural section of the Member Board. Elected Officers of the Council shall serve without compensation, provided, however, that nothing herein shall prohibit the Council Board of Directors from providing reasonable allowances from

NCARB

Commitment Requirements for FY17 Board of Directors

Conference calls will be scheduled in August, October and February. Those dates have not been determined yet. Calls typically last 90 minutes. This year, additional calls to address "cut score" decisions following the launch of ARE 5.0 will are also planned. Other meetings or calls can be convened at the discretion of the President.

New Board Member Orientation
May 23-24, 2016

FY17 Budget Q & A Calls (Optional)
June 8 or June 9

Annual Meeting, Pre-and Post-Annual Board Meetings
June 15-19, 2016

Board Meeting
September 15-17, 2016

MBC/MBE Conference
October 28-29, 2016

Board Meeting
December 1-3, 2016

Committee Summit
January 27-28, 2017

Regional Meeting
March 9-10, 2017

Board Meeting
April 20-22, 2017

Pre-Annual BOD Meeting, Annual Meeting and Post-Annual BOD Meeting
June 21-25, 2017

Board members also serve as liaison to a Council committee or task force which will result in 2-3 additional meetings.

Patterson, Kathryn

Subject: NCEES Central Zone Awards application
Attachments: NCEES Central Zone 2016.pdf

From: Dyck, Mary [KSBTP] [mailto:Mary.Dyck@ksbtp.ks.gov]
Sent: Wednesday, December 16, 2015 8:38 AM

Subject: NCEES Central Zone Awards application

Dear NCEES Central Zone Member Board Administrators –

Attached please find the information for the NCEES Central Zone Award application. In addition, please find the list of recipients since 1961.

Please note the deadline of February 1, 2016.

Thank you!
-Mary Leigh for Forrest Erickson, P.E. (KS)

Mary Leigh Dyck, Executive Director
Kansas State Board of Technical Professions
900 SW Jackson St. Ste. 507
Topeka KS 66612
785-296-3053

NCEES
advancing licensure for engineers and surveyors

P.O. Box 1686 (280 Seneca Creek Rd.), Clemson, SC 29633 USA T: (864) 654-6824 F: (864) 654-6033 NCEES.ORG

December 16, 2015

To: Member Boards of the NCEES Central Zone

The NCEES Central Zone Awards Committee is inviting nominations for the *Distinguished Service Award.* The award will be presented at the 2016 Central Zone Interim Meeting in Kansas City, Missouri. The *Distinguished Service Award* is presented to individuals who have given outstanding service to the Central Zone and/or NCEES. Nominations should describe the candidate's contributions to the Central Zone and NCEES, the number of years on the board, and the contributions to the board and the profession.

The NCEES Zone Continuity Guidelines have the following rules for selection of award recipients:

3. Rules for the Selection of Candidates to Receive the Award
    a. The award is to be made only to an individual who has rendered outstanding service to the zone or the NCEES.
    b. To be eligible, one must be an appointed member of a zone Member Board or a person directly associated with such board in the capacity of associate member or emeritus member of the NCEES.
    c. The candidate(s) for the award is (are) to be selected by the committee and approved by the Vice President. Recipients shall be notified in advance of the award ceremony.
    d. The award will be made at the zone's interim meeting.
    e. The recipient should be present to receive the award. If this is not possible, the recipient may designate a representative to accept the award.
    f. An award does not have to be made each year.
    g. The committee may recommend that more than one award be granted in any given year.

A guideline for assembling a nomination is attached. Nominations are limited to two pages and must be received no later than **February 1, 2016.** If a nominee is selected for the *Distinguished Service Award,* he or she will be notified as well as the Member Board MBA. The Central Zone will waive the registration fee for an award recipient to attend the meeting, will pay for the recipient's travel expenses, and pay the meal cost of the Awards Luncheon for one guest of the recipient. Nominations may be made by individual board members or by the board.

We look forward to receiving your nominations.

Sincerely,

Forrest Erickson, PE (KS)
Central Zone Awards Committee Chairman

Nirmal Jain, PE (MN)
Steven Gravlin, PE, PS (MI)
Committee Members

2016 NCEES Central Zone Awards
Nomination for Distinguished Service Award

Completed nomination must be submitted no later than February 1, 2016.

Nominations should be sent to the Central Zone Secretary at:

Kansas State Board of Technical Professions
Attn: Larry Graham
900 SW Jackson, STE 507
Topeka KS 66612

Forms may also be submitted electronically at graham@skw-inc.com or ferickson5000@rocketmail.com.

Nominations should follow this guideline when assembling information.

A. Demographic information:
   - o Name of nominee:
   - o Mailing address:
   - o Email address:
   - o Jurisdiction(s) making the nomination:

B. Service to the Jurisdiction:
   - o Number of years of service (include dates):
   - o Description of service to the local jurisdiction (include offices held, committee service, etc):

C. Service to NCEES Central Zone:
   - o Description of service to NCEES Central Zone (include offices held, committee service, etc):

D. Contributions to the profession outside of NCEES:

E. Any additional information that might be helpful to the Awards Committee:

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Recipients of the Central Zone Distinguished Service Award

YEAR	RECIPIENT	STATE
1961	Robert Waid	Ohio
1961	C.S. Crouse	Kentucky
1963	Bruce Williams	Missouri
1965	L.E. McCartt	Kentucky
1965	Col. W.M. Spann	Missouri
1966	A.L. Bavone	North Dakota
1967	Walter Graf	Ohio
1968	James A. McCarthy	Indiana
1969	Dr. Edwin R. Whitehead	Illinois
1969	William S. Kelley, Jr.	Minnesota
1970	Arnold M. Steffes	Minnesota
1970	Kurt F. Wendt	Wisconsin
1971	Henry M. Black	Iowa
1971	Melvin L. Manning	South Dakota
1972	Helen Carlson	Minnesota
1973	Robert L. Meek	Indiana
1973	Della Sterrett	Kansas
1974	Walter Anderson	Michigan
1974	Herman Moench	Indiana
1974	Anson Marston	Nebraska
1975	Louis Hamig	Missouri
1975	Clifford Dier	Nebraska
1975	Noel Willis	Iowa
1976	G.F. Evans	Ohio
1976	C.R. Horn	Kansas
1977	A. H. Samborn	Ohio
1978	B.T. Loeffler	Indiana
1979	C. Dale Greffe	Illinois
1980	G. Leigh Morrow	Minnesota
1981	Melvin E. Luke (Posthumously)	Illinois
1982	Paul R. Munger	Missouri
1982	Victor C. Fender	Kentucky
1982	Lowell E. Torseth	Minnesota
1983	Ronald D. Brown	Iowa
1985	Paul R. Munger	Missouri
1985	William M. Spann, Jr.	Minnesota
1989	Lowell E. Torseth	Minnesota

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YEAR	RECIPIENT	STATE
1989	Frank E. White	Illinois
1989	Dennis F. Meyer	North Dakota
1990	Daniel F. Hang	Illinois
1990	Robert C. Flory	Missouri
1991	Elaine M. Fink	Minnesota
1991	Bernard H. Larson	Minnesota
1991	Richard Parmelee	Illinois
1991	Warren L. Fisk	South Dakota
1992	William A. Kruger	Illinois
1993	David G. Krehbiel	Missouri
1993	R.J. Kuchar	North Dakota
1994	John R. Madden	Minnesota
1994	Richard A. Marr	Iowa
1994	Robert J. Rohde	Nebraska
1995	Dale Henry	Illinois
1995	Albert "Al" Hayes	Illinois
1995	Clifford "Kip" Moore	North Dakota
1996	Ed Fauth	Illinois
1996	Charles Neff	Ohio
1997	Jolee E. Belzung	Iowa
1999	Ann Whipple	South Dakota
1999	Sven O. Johnson	Illinois
1999	John W. Swenson	Minnesota
2001	Monte L. Phillips	North Dakota
2001	Gerard J. Harms	Missouri
2001	Robert G. Wade	Missouri
2002	Richard Gauger	Minnesota
2002	Murray L. Rhodes	Kansas
2002	Dwayne C. Garber	Iowa
2002	M. John Karshenas	Illinois
2003	William Sutherland	Minnesota
2003	Dale Jans	South Dakota
2003	Nancy Gavlin	Illinois
2003	Nicholas Konrady	Iowa
2006	Lawrence Hole	Kansas
2006	Candie Robinson	North Dakota
2009	Cheri J. Leigh	Missouri
2009	David L. Greifzu	Illinois
2010	John Greenhalge	Ohio
2010	Kenneth J. Vaughn	Kansas

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YEAR	RECIPIENT	STATE
2011	James E. Rusch	Wisconsin
2011	W. Gene Corley	Illinois
2011	Michael J. Conzett	Nebraska
2012	Hani Shafai	South Dakota
2012	John Harms	Illinois
2012	Kevin Nelson	North Dakota
2013	George Barbee	Kansas
2014	John Dillaplain	Illinois
2014	Len Neugebauer	South Dakota
2015	Roger Helgoth	Nebraska

To view this email as a web page, go here.

COUNCIL OF LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS

Immediate MBE Committee Position Available

Due to a vacancy on the Member Board Executive (MBE) Committee, we are seeking a volunteer to serve starting immediately. The new member, who is appointed by the President, will serve through September 30, 2017.

Background

The Committee is charged to:

- Provide input on proposed changes to policies, procedures and standards, as needed.
- Partner with staff to develop, refine and validate themes, topics, formats and content for the 2016 Annual Meeting.
- Advance the Model Board concept - leverage synergies created by member interest in strategic planning.
- Provide input on enhancements to the members' side of the CLARB website.
- Make recommendations for how to facilitate greater member-to-member knowledge sharing.

Qualifications

Are you a good listener, who has innovative, effective ideas? You may be a great fit for the MBE Committee! Some additional qualifications include:

- Active participation in CLARB membership activities over the past two (2) years.
- Experience with law and regulation/rule changes is a plus as familiarity with legislative processes is helpful.

What CLARB Expects from You

Members should expect to participate in four to six, 60-minute conference calls per year, each requiring approximately 60-120 minutes of preparation and/or follow up. **Members will also attend one face-to-face meeting January 8-9, 2016 in Reston, Virginia.** Committee members are expected to attend all meetings.

How to Apply

To apply, please submit a Candidate Interest Form, or for questions contact Veronica Meadows. **All applications are due by Friday, December 11, 2015.**

This email was sent to: **Kathryn.patterson@state.sd.us**

This email was sent by: Council of Landscape Architectural Registration Boards
1840 Michael Faraday Drive, Suite 200 Reston, VA 20190 USA

Patterson, Kathryn

From: Hillegas, Kathy <KHillegas@ncarb.org>
Sent: Thursday, December 17, 2015 1:18 PM
To: Hillegas, Kathy
Cc: Haese, Derek
Subject: Fast Facts for Member Board Members and Executives
Attachments: FastFacts_December2015.pdf

Good Afternoon Member Board Members and Member Board Executives:

Attached please find the newest edition of Fast Facts for Member Boards. Key topics covered in this edition include:

- A reminder about the proposed changes to the NCARB Education Standard,
- Important Information about the 2016 Regional Summit,
- An overview of action taken by the BOD against an ARE® candidate,
- An update on a white paper addressing the North Carolina Dental Decision, and
- A comprehensive overview of NCARB's legislative tracking services.

As always, please do not hesitate to contact me if you have any questions.

Regards,

Kathy

Kathy Hillegas
Director, Council Relations

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FAST FACTS

Volume 19, Issue 9 ■ December 2015

Reminder: Proposed Changes to the *NCARB Education Standard*

The NCARB Board of Directors is currently seeking Member Board comments on a proposal to modify the *NCARB Education Standard* to align with changes to the National Architectural Accrediting Board (NAAB) *2014 Conditions for Accreditation* that will take effect on January 1, 2016. Details of the proposal and rationale for all proposed modifications were distributed to all Member Board Members and Member Board Executives on October 8, 2015. A copy of the proposal can be found here. Note that this is a lengthy document, so please take your time reviewing it, and do not hesitate to contact Harry Falconer (hfalconer@ncarb.org) or Michelle Dixson (mdixson@ncarb.org) if you have any questions.

Comments from our Member Boards will be received through January 12, 2016. The Board of Directors will review comments and vote on these changes at a special meeting on January 30, 2016. If your board is unable to meet during the comment period and/or unable to provide collective feedback, we encourage you to submit your individual comments. A copy of the questions asked on the survey can be found here. To submit your comments, click here.

2016 Regional Summit

Invitation and Registration

The 2016 MBE Workshop and Regional Summit will take place on **March 10-12, 2016**, in **Savannah, GA**. The **MBE Workshop** will be held on the **Thursday, March 10** and will be followed by the **Regional Summit** on **Friday, March 11 - Saturday, March 12**. Details about the meeting will be distributed by your regional executive over the next week and are posted on the Registration Board site. Please be sure to review this very important communication that you received from one of the following regional executives:

- Region 1 – Dawne Broadfield (RI) – necarb1@gmail.com
- Region 2 – Barbara Rodriguez (NY) – brodrig100@aol.com
- Region 3 – Jenny Wilkinson (MS) – exec@scncarb.org
- Region 4 – Glenda Loving (IA) – ncarb4@gmail.com
- Region 5 – Bonnie Staiger (ND) – bonnie@bis.midco.net
- Region 6 – Gina Spaulding (NV) – wcarb@msn.com

Funding Opportunities - Classifications and Eligibility

As part of the Council's ongoing commitment to encourage Member Board participation in collaborative discussions, NCARB will continue to offer several funding opportunities for Member Boards to send representatives to the meeting.

Funded Delegates

The funded delegate program provides funding for each Member Board to send up to **two (2)** delegates to the meeting. There is no restriction on identification of funded delegates—the member can serve in any position on the board. Identification of delegates is at the discretion of the Member Board.

continued on page 2 ▶

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Public Member Scholarship
The Public Member Scholarship Fund was created last year to increase participation by public or consumer Member Board Members at the Regional Summit as well as the Annual Business Meeting. There are a limited number of scholarships available, which will be distributed on a first-come, first-served basis.

Member Board Executive
Funding for Member Board Executives will be provided for participation in the MBE Workshop and Regional Summit.

If you have not already done so, we respectfully ask that Member Board Executives complete this electronic form to submit the names of their funded delegates and public member interested in the scholarship fund as soon as possible.

Board of Directors Takes Action Against ARE® Candidate

In accordance to NCARB's Board Policy on Testing Irregularities, the Professional Conduct Committee reviewed case findings and determined a violation occurred regarding an Architect Registration Examination (ARE) candidate's conduct on September 24, 2015, during the Schematic Design division. Maylin Garcia, NCARB #675098, was found to have unauthorized materials present in the testing center. Based on these findings, the Professional Conduct Committee submitted a recommendation to the NCARB Board of Directors for review and action at their December Board meeting.

The Board of Directors voted to approve the committee's recommendation to suspend Garcia's ARE test taking privileges for a period of 12 months (1 year) from the date of discovery/testing, September 24, 2015. In addition, the Board of Directors cancelled Garcia's Schematic Design score in accordance with NCARB's Board Policy on Testing Irregularities. Garcia will be required to retake the Schematic Design division of the ARE.

If you have any questions, please contact Demetrius Norman at dnorman@ncarb.org.

Citizen Advocacy Center Offers White Paper Addressing North Carolina Dental Decision

In November, the Citizen Advocacy Center, a nonprofit organization that "serves the public interest by enhancing the effectiveness and accountability of health professional oversight bodies," issued a white paper addressing the North Carolina Board of Dental Examiners v. Federal Trade Commission decision. Their white paper "explores eight approaches states might take to retain immunity from federal anti-trust liability, given the North Carolina Dental decision." An informative read, a copy of their white paper can be found here.

Deck the Halls – Legislative Session is Coming!

"Now and then an innocent man is sent to the legislature." — Kin Hubbard

It's almost that time of year again! January marks the kickoff of formal legislative sessions around the country. As you gear up for this busy season, we wanted to inform you of the

continued on page 3 ▶

key resources available to help you monitor the hundreds of proposed bills pertaining to the registration of architects and regulation of architecture. With a staff dedicated to tracking legislation, we are looking to enhance our service offerings and provide you with a one-stop shop for all of your legislative needs.

While we strive to capture, summarize, and track all pending legislation pertaining to architecture, please let us know if there is a particular bill of interest that we may have missed, and we will be sure to add it to our system. With that, we would like to introduce you to, or refresh your memory of, NCARB's Legislative Tracker!

NCARB's Legislative Tracker: Frequently Asked Questions

What is the Legislative Tracker?

Legislative Tracker is an NCARB initiative dedicated to tracking and reporting on proposed and enacted bills and regulations that impact the practice of architecture and licensure of architects. It is intended to serve as a resource that provides information and insight into legislation affecting our regulatory community. The information allows Member Board Members and Member Board Executives to periodically review legislation pending in other jurisdictions and collaborate when addressing similar objectives or tackling related issues.

How does the Council Relations team generate Legislative Tracker content?

The Council Relations team customizes legislative profiles through CQ StateTrack, a subscription-based software that monitors state registers, allowing us to search bills and regulations pertaining to the registration of architects and practice of architecture. Utilizing keyword search terms such as "architect," "ARE," "regulatory board oversight," and/or "continuing education," etc., we receive daily alerts and reports with status updates of bills and regulations. The tracked legislation is then populated into the bill and regulation maps found in the "Legislative Tracking" tab in the Registration Board section of your My NCARB account.

By thoroughly reviewing all bills and regulations containing the word "architect," we are able to identify trends that emerge in several jurisdictions. In past years we tracked bills on the licensing of military members and military spouses, providing immunity for architects who voluntarily provide service at a site of a disaster, as well as the modification of rules to allow practitioners to use digital stamps and signatures in their work.

What kind of legislative activity does NCARB follow?

We focus primarily on items that affect the architecture profession and registration process for architects. Additionally, our peripheral search terms include statutes and rules that impact related industries and professions such as engineering, landscape architecture, land surveying, interior designing, and other design professions. In the wake of recent legislative trends, we have expanded the focus of the Legislative Tracker. For example, we have monitored several bills on the licensing of military members and military spouses, the enactment of potential regulatory board oversight procedures and bodies, immunity for licensed professionals who voluntarily provide service at a site of a disaster, and the modification of rules to allow practitioners to use digital stamps and signatures in their work.

How can I access the Legislative Tracker? And when does the Council Relations team share their findings and summaries?

There are several ways to access the Legislative Tracker:

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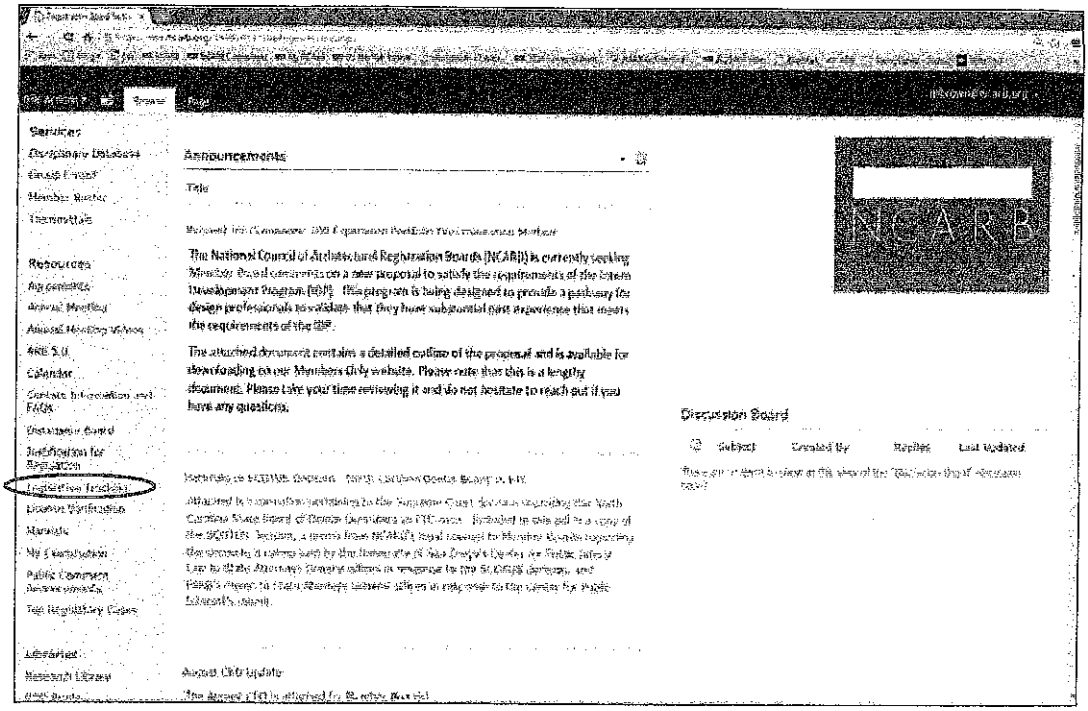
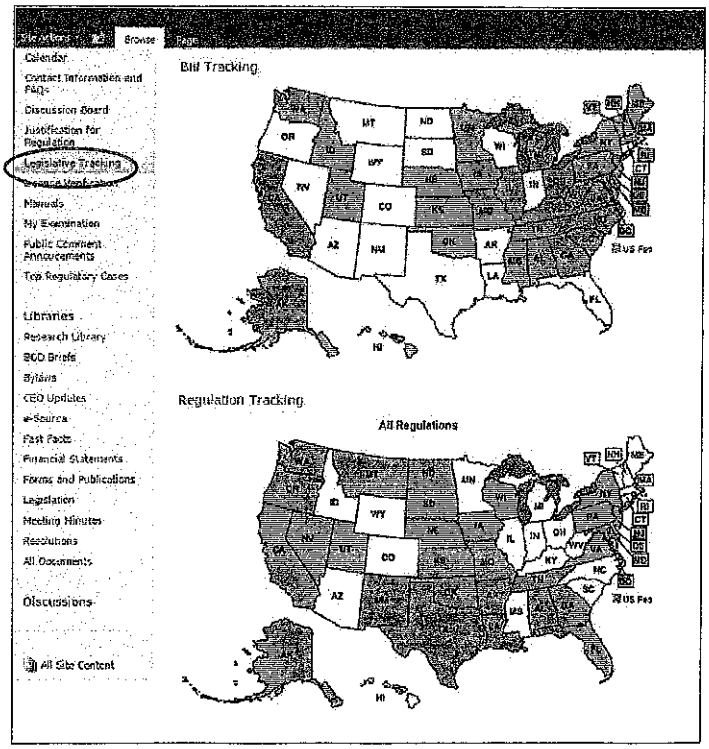
Daily - Through the online Legislative Tracker located in your My NCARB account beneath the "Resources" heading.



Here, you will be presented with a collection of proposed legislative bills and amendments to regulations, introduced nationwide, which affect the registration of architects and the regulation of architecture. This information is updated daily to ensure that no action or proposed modification is missed.

To begin using the system, select one of the maps. A new window will appear where you can select one of the blue states to view the bills or regulations being tracked in that particular jurisdiction.



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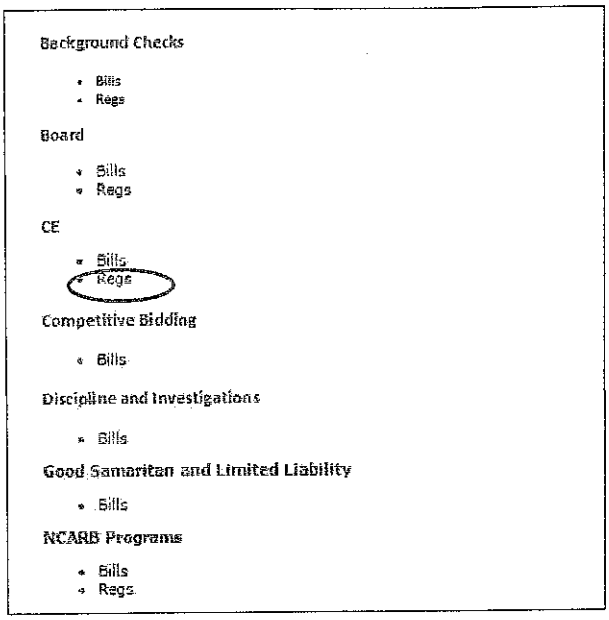
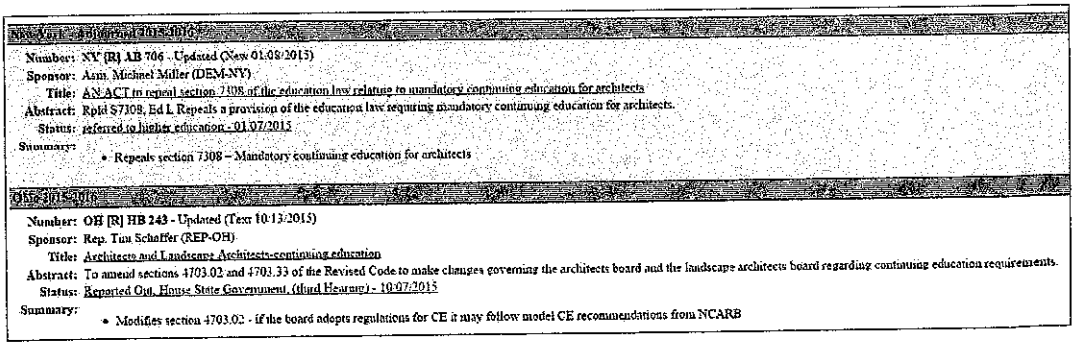
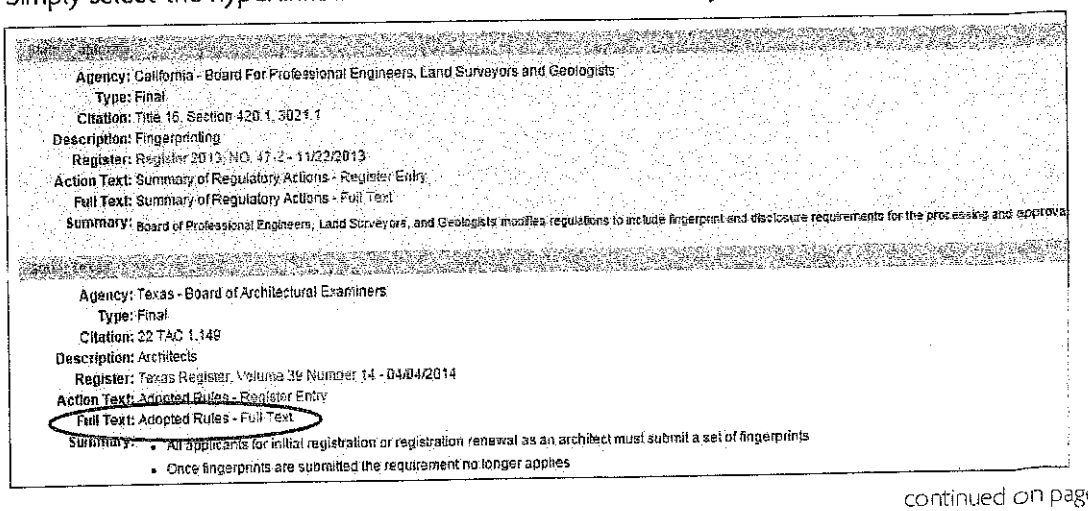
In addition, NCARB has categorized searches based on trends in legislation pertaining to aspects of architecture licensure and practice.



Upon selecting a state or category as shown above, you are then able to view the bills and regulations NCARB is monitoring to learn more about the changes in the legislative climate surrounding the profession. We provide you with the jurisdiction, bill or regulation number and title, a hyperlink to the status of the legislation, and a brief summary (as shown below).



Legislative Tracker also gives you the power to access the full text of the bill or regulation. Simply select the hyperlinked text and review the details for yourself!



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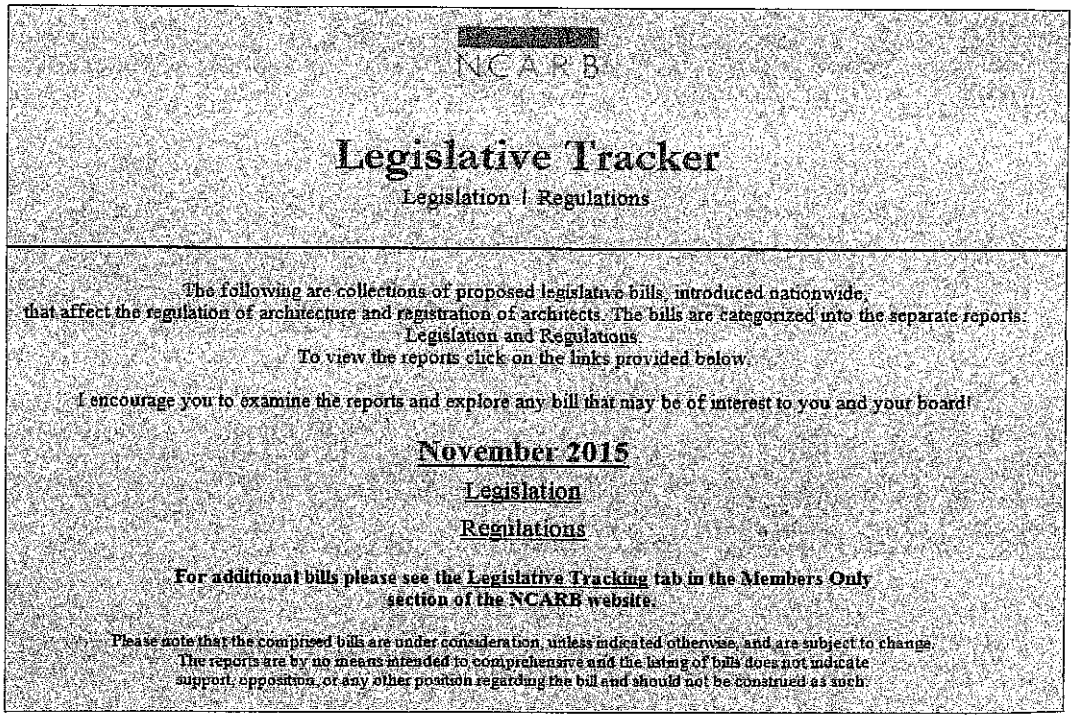
Monthly – You may have already received a "Legislative Tracker – Monthly Update" report containing a summary of pertinent bills and regulations tracked by NCARB via email. This report, disseminated to all Member Board Members and Member Board Executives, includes hyperlinks to that month's monitored statutes and rules, as well as direct access to an interactive "Legislative Track" map. See below for a sample of the monthly report.

Good afternoon Member Board Members and Executives,

Below is the Legislative Tracker monthly update for November 2015. This report contains bills and regulations addressing topics such as:

- Implementing IDP Streamline
- Adopting NCARB Continuing Education standards
- Modifying qualifications for examination
- Adopting the Professional Standards and Conduct
- Amending public procurement practices



NCARB

Legislative Tracker

Legislation | Regulations

The following are collections of proposed legislative bills, introduced nationwide, that affect the regulation of architecture and registration of architects. The bills are categorized into the separate reports: Legislation and Regulations.

To view the reports click on the links provided below.

I encourage you to examine the reports and explore any bill that may be of interest to you and your board!

November 2015

Legislation

Regulations

For additional bills please see the Legislative Tracking tab in the Members Only section of the NCARB website.

Please note that the comprised bills are under consideration, unless indicated otherwise, and are subject to change. The reports are by no means intended to comprehensive and the listing of bills does not indicate support, opposition, or any other position regarding the bill and should not be construed as such.

With additional staff dedicated to tracking legislation this year, we are striving to produce more direct and timely reports to individual jurisdictions with pertinent legislation. We will continue to offer the monthly report for all Member Board Members and Member Board Executives.

Biannual - A mid-year and end-of-the-year review of the compiled legislation is disseminated to all Member Boards. This report is reviewed by the Council Relations Directorate so you are presented with the final versions of the bills and regulations that have been proposed throughout the year. This resource is then posted in the library section on the Members Only site.

How can the Legislative Tracker help me and my board?

Member Board Members and Member Board Executives should periodically review legislation pending in other jurisdictions and come together when addressing similar objectives or tackling related issues. In addition, the Legislative Tracker tool grants access

continued on page 7

to hundreds of bills and regulations proposed nationwide without having to search cumbersome state legislative websites. The tool provides a comprehensive summary of each bill and saves our members the time and energy required to navigate through (potentially) hundreds of pages to find the key clauses or stipulations that impact their work. NCARB staff review and monitor proposed rules and statutes on a daily basis and are provide updated and accurate information as it becomes available.

The Council Relations team welcomes and encourages questions from Member Boards! Feel free to contact us at council-relations@ncarb.org.

Save the Date

2016 Annual Business Meeting
June 15-18
Fairmont Olympic Hotel
Seattle, Washington

Stay Tuned—Coming to a Future Fast Facts Near You!

- 2016 Member Board Survey
- FY17 NCARB Committee Application
- 2015 Survey of Registered Architects

Patterson, Kathryn

Subject: AAES Newsletter Link

From: Jerry Carter [mailto:jcarter@ncees.org]
Sent: Thursday, December 17, 2015 1:01 PM
Subject: AAES

All:

I am providing the link for the recent edition of the American Association of Engineering Societies (AAES) newsletter, of which, NCEES is a member:

http://www.aaes.org/december-2015-aaes-newsletter?utm_source=AAES+December+2015+eNewsletter&utm_campaign=December+2015+Newsletter&utm_medium=email

Also, from the staff here at NCEES, we would like to extend our best wishes for a safe and joyous holiday for you and your families!

Jerry

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DECEMBER 2015 AAES NEWSLETTER

AAES Chair's Message

Dear AAES Member,

AAES continues to move forward in the second year under its new Constitution and Bylaws, electing a new chair and three new Board of Directors members, all for terms beginning January 1, 2016. *(See the article below to learn more.)*

I want to express my gratitude for the exceptional service of outgoing Board members Marc Apter and Victoria Rockwell, who leave the Board after three years of service. Rockwell served as the 2014 AAES Chair.

I am pleased to inform you that several member societies have signed either one or both of our commitments to Educate Engineers to Meet the Grand Challenges (http://www.aaes.org/educating-engineers-meet-grand-challenges#overlay-context=) and foster Re-entry and Alternative Paths into the Engineering Profession (http://www.aaes.org/re-entry-and-alternative-paths-engineering-profession). Thanks to those societies who have chosen to take actions to improve our engineering profession.

The Board has finalized its suggested approach to affiliate memberships; a Bylaws amendment for this process will be sent to the General Assembly in the near future. As we transition out of Engineering Workforce Commission (EWC) activities, the financial situation of AAES remains quite tight. In order to balance the 2016 budget, the Board approved a ten percent dues increase for 2016.

In the educational sessions before the November General Assembly meeting, we received an excellent presentation on the issues of data security for professional societies in this era of big data breaches. We were told that it is critically important to have a plan of action for handling what is almost an inevitable data breach. Also included in the morning session was a look at public policy issues, with an emphasis on the 2016 national elections and what societies should be advocating for regarding public policy. Michael Milligan of ABET reviewed some potential changes occurring with Engineering Accreditation Commission (EAC) criteria.

The next General Assembly meeting will be held in the afternoon of Tuesday, April 19, 2016, following the AAES Awards Banquet and the NAE-AAES Convocation (April 18). Finally, it has been a true honor to serve as the AAES Chair in 2015.

Sincerely,
Jim
James L. Melsa, Ph.D.
2015 Chair, American Association of Engineering Societies

AAES News

New AAES Chair, Board Members to Begin Terms in January

On November 5, the AAES Board of Directors elected Alyse Stofer, current AAES vice-chair and 2013 Society of Women Engineers president, to assume the position of chair beginning January 1, 2016 for a two-year term. On the same day, the AAES General Assembly elected Elizabeth Bierman, Kenneth Galloway, and Robert Lindeman to the AAES Board of Directors for three-year terms also beginning January 1. Learn more (http://www.aaes.org/american-association-engineering-societies-names-chair-elect-and-new-board-members#overlay-context=resources) about our newly elected leaders.

AAES General Assembly Session on Data Security - Planning Ahead is Crucial

"I'm generally not a sky-is-falling kind of lawyer," Jefferson Glassie told the group of 44 leaders of AAES member societies gathered for the AAES General Assembly Meeting on Nov. 5. "But when it comes to cybersecurity, I think the general mantra should be: 'The sky will fall on you.'"

That line got a buzz from the audience, serving as a stark reminder that data security is a major challenge for associations in this era of big-data breaches.

The session featured presentations from Glassie, a partner and co-chair of the Nonprofit Organizations and Associations practice at Whiteford, Taylor & Preston LLP; Chris Ecker, chief technology officer at DelCor Technology Solutions; and Dr. Richard Schroth, a preeminent cyber security expert. The speakers provided steps that associations can take to protect themselves and their members if and when that sky does fall.

Read the full article (http://www.aaes.org/planning-ahead-crucial-data-security) and view the presentations and speaker bios (http://www.aaes.org/general-assembly-meeting-november-5-2015#overlay-context=resources).

Congratulations to the 2016 AAES Award Recipients

AAES is pleased to announce the winners of six awards to be presented at a banquet ceremony following the NAE-AAES Convocation, April 18, 2016, at the National Academy of Sciences Building (2101 Constitution Avenue, NW, Washington, DC).

Sarah Rajala, Ph.D., Dean, College of Engineering, Iowa State University, is the winner of the 2016 **National Engineering Award.** She was selected for her outstanding leadership at the institutional as well as at national and international levels impacting multiple engineering societies, her innovations in engineering education and assessment, and her tireless efforts to promote diversity in engineering.

Brajendra Mishra, Ph.D., Professor of Mechanical Engineering and Associate Director of the Metal Processing Institute, Worcester Polytechnic Institute, is the winner of the 2016 **Kenneth Andrew Roe Award**. He was selected for his inclusive and consistent leadership of the science and engineering community toward accomplishing meaningful goals through collaboration at the personal and organizational levels.

Raymond Paul Giroux, Kiewit Infrastructure West Co., is the winner of the 2016 **Norm Augustine Award**. He was selected for his ability to effectively capture the public's attention and to engage the engineering profession in understanding how mega engineering projects such as the building of the Brooklyn Bridge, Hoover Dam and Golden Gate Bridge are truly engineering miracles.

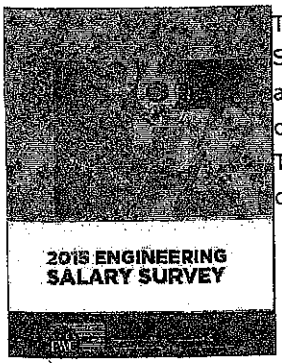
H. Vincent Poor, Ph.D., Dean, School of Engineering & Applied Science, Princeton University, is the winner of the 2016 **John Fritz Medal**. He was selected for outstanding contributions to the fields of modern communications and signal processing through their development, application and dissemination.

Jessica Morrison, Ph.D., is the winner of the 2016 **AAES Engineering Journalism Award**. She was selected for helping the public better appreciate the critical role played by engineers in her online story "How Engineers Use Ground Freezing To Build Bigger, Safer and Deeper," which appeared in NOVA (PBS/WGBH) on October 30, 2013.

Wendi Goldsmith, Director, Center for Urban Watershed Renewal, is the winner of the 2016 **Joan Hodges Queneau Palladium Medal.** She was selected for championing science-based practices for resilient facility and infrastructure design and construction using interdisciplinary solutions to integrate ecosystem services, with a broad history of facilitating creative and successful collaboration between engineers, environmental scientists and sustainability policy advocates.

The AAES Chair's Award recipient will be announced at the awards banquet ceremony. Visit AAES's awards page (http://www.aaes.org/awards) for more information, including a description of each award.

AAES 2015 Engineering Salary Survey Released



The 2015 Engineeri (http://www.aaes.org/publication-2015-engineering-salary-survey)ng Salary Survey from AAES EWC is now available for purchase. The publication combines both academic and industry salary data (previously two separate publications) to provide one comprehensive resource on salary statistics for engineering and technology professionals. To purchase, go online (http://www.aaes.org/publication-2015-engineering-salary-survey), contact EWC at ewc@aaes.org (mailto:ewc@aaes.org), or call 202-296-2237.

Add STEM Outreach to Your Foreign Travel Plans

Traveling abroad? Participate in the State Department's Science Technology and Innovation Expert Partnership (STIEP) and inspire youth to pursue STEM careers, motivate the next generation of engineers to create solutions to shared global challenges, and discuss strategies for involving more women and minorities in STEM careers. Learn more (http://www.aaes.org/resources) and make a difference.
(http://www.aaes.org/resources)

Working Group News

WFEO General Assembly Meeting Summary - Kyoto

The World Federation of Engineering Organizations (http://www.wfeo.org/) (WFEO) General Assembly was convened in Kyoto, Japan in conjunction with the World Engineering Conference and Congress (WECC) with this year's theme: "Engineering: Innovation and Society". The United States had a robust delegation in attendance with AAES Member Society participants from ASCE, ASEE, ASME, SWE, and AIME/SME.

- As part of the event, WFEO Standing Technical Committees (STCs), other Committees, and the Executive Board met as did the WFEO General Assembly. During these meetings, the Committee on Engineering and the Environment submitted their report on the *"Model Code of Practice - Principles of Climate Change Adaptation for Engineers"* for acceptance by the Executive Council. This report, which incorporated extensive AAES suggested edits and additions, was unanimously approved with a recommendation to the General Assembly for approval. The General Assembly approved the recommended code with no changes.
- In the election, Marlene Kanga (nominated by Australia) was selected to serve as President-elect, unfortunately beating out the U.S. (and AAES endorsed) nominee and AAES representative to WFEO, Vilas Mujumdar. Dr. Mujumdar though will serve on the Executive Council as an At Large representative. AAES IntAC Chair Reggie Vachon was appointed to the position of WFEO Treasurer.
- It was reported six new members have joined WFEO in the past two years.
- At the conclusion of the meeting, WFEO adopted the Kyoto Declaration (/sites/default/files/Kyoto Declaration-RIV24NOV ver3_0.pdf), a document setting forth the many areas in which engineering can impact our world and committing our energies to meeting these challenges.

AAES Supports WFEO in Implementation of UN Sustainable Development Goals

In September, the UN General Assembly approved Sustainable Development Goals for 2015-2030 (https://sustainabledevelopment.un.org/sdgs), which replace the Millennium Development Goals and become effective January 1, 2016. The AAES International Activities Committee's Task Force on Global Sustainability is supporting the World Federation of Engineering Organizations' (WFEO) UN Committee (WURC), chaired by Reggie Vachon, in providing input to the UN on engineering contributions to sustainable development, including metrics for measuring progress. WFEO has a long history of leadership on sustainable development, first with its model Code of Ethics (http://www.wfeo.org/ethics/), then in 2013 with its Model Code of Practice for Sustainable Development (http://www.wfeo.org/sustainabledevelopment/), and now with its recent approval of a "Model Code of Practice: Principles of Climate Change Adaptation for Engineers" in Kyoto (described in article above).

WFEO Commits To Tuning World Climate Change Agreement into Action

Following WFEO's meeting in Kyoto, it held a one-day summit on climate change in Paris. The theme of the Dec. 8 event was the engineering role in turning the words of the COP-21 agreement on climate change into action. COP-21 emerged from the United Nations conference on climate change held in Paris Nov. 30 to Dec. 11. The full text of the statement committing engineers to supporting the COP-21 agreement and the complementary UN Sustainable Development goals can be downloaded from the WFEO website (http://www.wfeo.org/wp-content/uploads/WFEO-COP-21_Engineering_Summit_Statement.pdf).

Member Societies News

Transform Infrastructure Through ASCE Innovation Contest (http://www.asce.org/innovation-contest/)

The ASCE Innovation Contest offers professionals, educators, and students the opportunity share their best ideas for transforming the future of our nation's infrastructure. Entries are welcome in four topic areas: 1) innovative business models & technologies, 2) the Internet of things, 3) green engineering, and 4) resilience. Join the power of the crowd to help transform the state of our nation's infrastructure by sharing your best ideas, projects, and theories for how to build a better future. Winners will get the chance to present their ideas to, and network with, industry leaders/evaluators, be considered for research grants, be recognized in trade publications, and receive special recognition and awards. If you are a student, winners will also be offered first and/or second round interviews for job and internship opportunities. Learn more about the contest (http://www.asce.org/innovation-contest/) and the approaching submission deadline.

ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS (http://www.asce.org)

ASCE's IMAX Film on Engineering Will 'Dream Big'

ASCE's ambitious IMAX film *Dream Big: Engineering Wonders of the World*, recently moved into full production thanks to the Bechtel Corporation, which signed on as the film's presenting sponsor. The awe-inspiring giant-screen movie is scheduled to premier during Engineers Week in February 2017 and will be tied to an educational program to inspire youngsters and students to consider careers in engineering. Produced by MacGillivray Freeman Films, the leading creators of IMAX movies with such blockbuster credits as *To Fly*, *The Living Sea*, and *Everest*, *Dream Big* will wow viewers with how today's engineers are pushing the limits of ingenuity and innovation in unexpected, imaginative and amazing ways.

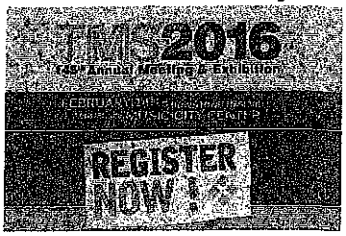
ASEE Continues Involvement With Maker Movement

The American Society for Engineering Education (ASEE) continues its active engagement with the Maker Movement. With support from the National Science Foundation, ASEE hosted the 2015 NSF Maker Summit, Nov. 2-3, in Washington, DC. The Summit connected people from different parts of the Maker community. The interactive sessions discussed the relationship between formal and informal learning, teaching and learning in pre-college and undergraduate education, diversity and inclusion, and innovative products and processes to support Making. A workshop report on the Maker Summit is scheduled for 2016.

ASEE AMERICAN SOCIETY FOR ENGINEERING EDUCATION (http://www.asee.org/)

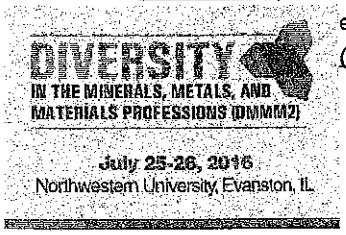
TMS Annual Meeting to Push Boundaries in Light Metals Production

Inspiring positive change in the way business is conducted in the light metals industry will be the focus of the Light Metals Keynote Session at the TMS 2016 Annual Meeting & Exhibition. "Pushing Boundaries—Innovative Thinking in Light Metals Prod (http://www.tms.org/meetings/annual-16/AM16registration.aspx#.VnLSC14prVE)uction" will feature presentations by Martin Iffert, CEO Trimet Aluminium SE, and Stephane Delalande, Deputy Scientific Director, PSA Peugeot Citroën. This session will kick off a week's worth of programming developed by the TMS Light Metals Division at TMS2016, to be held February 14-18 in downtown Nashville, Tennessee. Over the course of five days, nearly 3,300 technical presentations will be delivered at more than 60 symposia in 11 technical tracks (http://www.tms.org/meetings/annual-16/AM16GATracker.aspx?cid=AAESeNews111515&dest=www.tms.org/meetings/annual-16/AM16technicalProgramHome.aspx) at TMS2016. The deadline to register for TMS2016 (http://www.tms.org/meetings/annual-16/AM16GATracker.aspx?cid=AAESeNews111515&dest=www.tms.org/meetings/annual-16/AM16registration.aspx) at the discounted registration rate is January 8.



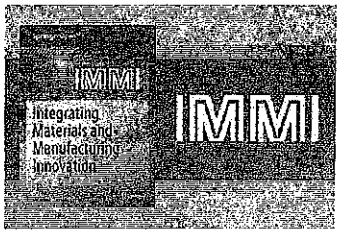
Build a More Inclusive Community at the Second TMS Summit on Diversity

The second Summit on Diversity in the Minerals, Metals, and Materials Professions (http://www.tms.org/meetings/2016/diversity2016/home.aspx#.VkO8N7erRhE) (DMMM2), sponsored by TMS, will be held July 25–26, 2016 at Northwestern University in Evanston, Illinois. DMMM2 will present attendees with opportunities to develop the skills, knowledge, and connections needed to build a more diverse and inclusive minerals, metals, and materials community. The summit encourages interaction and discussion among attendees to identify practical strategies that can be implemented in their own workplaces, as well as the professional community at large. For more information , visit the Summit website (http://www.tms.org/meetings/2016/diversity2016/home.aspx#.VkO8N7erRhE) where you can review and suggest additions to TMS Diversity and Inclusion Resources (http://www.tms.org/diversityresources/default.aspx), the toolkit established as an outcome of of DMMM1. (http://www.tms.org/meetings/2016/diversity2016/home.aspx)



TMS Open-Access Journal Publishes First Data Descriptor Article

Integrating Materials Manufacturing and Innovation (*IMMI*), TMS's open access journal, has published its first data descriptor article, "Symmetric and asymmetric tilt grain boundary structure and energy in Cu and Al (and transferability to other fcc metals)" (http://www.immijournal.com/content/4/1/11) by Mark A. Tschopp et. al. This unique article classification is a stand-alone record of scientific work that presents a detailed account of the methodology used to collect experimental or simulation data. The article also offers a thorough description of the resulting data and a brief description of the data's anticipated value. For additional information on this new way of communicating research results, read the editorial (http://www.immijournal.com/content/4/1/12) by Charles H. Ward, *IMMI* Editor-in-Chief. To access details on the benefits of publishing in *IMMI* or to submit a manuscript, visit the *IMMI* website (http://www.immijournal.com/).



(http://www.immijournal.com/)

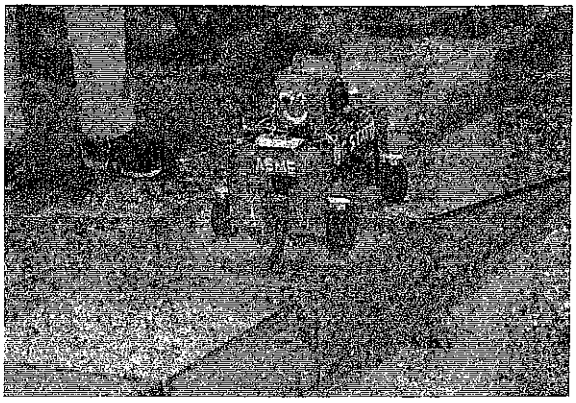
ASME Congress Shines Spotlight on Making a Difference Through Engineering

Two highlighted speakers at the ASME International Mechanical Engineering Congress and Exposition (http://www.asmeconferences.org/IMECE2015/) last month in Houston stressed the importance of encouraging both the current and a new generation of engineers to make their mark. In an impassioned speech (https://www.asme.org/about-asme/news/asme-news/president-guerrero-discusses-need-inspire-young) during the President's Luncheon, ASME President Julio C. Guerrero, Ph.D., emphasized the importance of inspiring young people to become engineers — and members of ASME. Guerrero underscored the significant role that today's engineers play in ensuring the future of the engineering profession. "It's urgent," Guerrero said. "We need to inspire students and young engineers to share our love and passion for engineering and life.... What we do today affects our children, grandchildren, the next generations and our planet."

World-renowned heart surgeon and medical-device inventor William E. (Billy) Cohn, M.D., spoke during the keynote session (https://www.asme.org/about-asme/news/asme-news/dr-billy-cohn-discusses-healthcare-during-keynote) to the theme "Engineering in Healthcare." Cohn, director of the Center for Technology and Innovation and of the Cullen Ca (http://www.asme.org)rdiovascular Research Laboratory at the Texas Heart Institute in Houston, told engineers in the packed ballroom that the healthcare field was one in desperate need of their skills and expertise. "...[O]nly through innovation, finding less expensive ways to identify disease earlier in its course, to treat and prevent major illness and major hospitalizations, are we going to be able to avoid this disaster [of rising health care costs]," Cohn said. "And where is that innovation going to come from? It's going to come from engineers."

Rescue Robots Face Off at ASME Student Design Competition Finals

Seventeen international teams of young-engineer innovators gathered in Houston at last month's ASME congress and exposition to compete for top honors at the ASME 2015 Student Design Competition (https://www.asme.org/about-asme/news/asme-news/studentdesigned-rescue-robots-face-imece-2015) (SDC). The SDC, an annual contest of ingenuity and skill for undergraduate engineering students, is known around the world as a showcase for today's young engineering talent. Regional SDC champion teams from universities in Pakistan, Poland and everywhere in between gathered for the final round of the 2015 competition, ready to test their mettle against the other contestants and against the clock.



One of two entries from North Carolina State University, Rescue Rover, makes its way through the "Robots for Relief" competition course. Rescue Rover placed third in the SDC finals.

Argentina To Host PanAm Research Coordination Network Conference

The Pan American Research Coordination Network will hold its 2nd RCN Conference on Pan American Biofuels and Bioenergy Sustainability (http://www.aiche.org/panamrcn/events/2nd-rcn-conference-on-pan-american-biofuels-bioenergy-sustainability) Sept. 13-16, 2016, in Buenos Aires, Argentina in collaboration with AAIQ (Argentinian chemical engineers), AIChE, and AIChE's Institute for Sustainability and its Society for Biological Engineering.

Large-scale biofuels and bioenergy production is developing rapidly in the Pan-American region even as the effects of that production on environmental systems and social conditions remain largely unknown. Such production will likely lead to dramatic changes in existing human and natural systems. The conference will address these issues with presentations and discussion sessions that emphasize the importance of cross-disciplinary and systems approaches to developing a sustainable biofuels and bioenergy sector.
(http://www.aiche.org/)

AIChE The Global Home of Chemical Engineers

ICOSSE '16 Sustainability Conference Slated for China

The 5th International Congress on Sustainability Science and Engineering (ICOSSE '16) will be held May 23-27, 2016, at Soochow University in Suzhou, China, co-chaired by Dr. Yinlun Huang of Wayne State University and Dr. Xiao Dong Chen of Soochow University. ICOSSE '16 will focus on food technology and the food-energy-water nexus, sustainable manufacturing, nanotechnology, and energy and environmental sustainability, among other topics. ICOSSE '17 is scheduled for Oct. 3-5, 2017 in Barcelona, Spain, collocated with the 10th World Congress of Chemical Engineering. Check www.icosse.org (http://www.icosse.org) for updates.

Partnership Produces New Conference for PEs

NSPE and the Texas Society of Professional Engineers (http://www.tspe.org/) are partnering on a special conference for PEs and those on the path to licensure. The 2016 Professional Engineers Conference is scheduled for June 22–26 at the Fairmont Dallas and will give attendees the opportunity to connect with like-minded professionals, earn continuing-education credits, and learn about the profession's top issues. NSPE is now recruiting speakers (http://www.nspe.org/resources/pe-conference/call-conference-presentations) for the conference, with 30 planned sessions on a wide range of topics, including a special track for young engineers. The deadline for proposals is Jan. 15.

National Society of Professional Engineers®

(http://www.nspe.org/)

NSPE Weighs in on Protecting the "Engineer" Title

In a recent blog post, NSPE addresses "The Cheapening of the Engineering Title (http://www.nspe.org/resources/blogs/nspe-blog/the-cheapening-the-engineer-title)," spurred by a recent article in *The Atlantic* that says computer programmers who call themselves "engineers" are undermining "a long tradition of designing and building infrastructure in the public interest."

NSPE President Tim Austin, P.E., submitted a letter to the editor in response to the article (linked from the blog) and the post gives a good synopsis and timeline of the issue, which has been on NSPE's radar since the mid-1990s.

NSPE Advocates Stronger Engineering Standards in Response to Gold King Mine Disaster

During the past several months, NSPE has been involved in advocacy efforts surrounding the Gold King Mine disaster, a 3-million gallon toxic spill in Colorado in August that raised questions about standardization of EPA rules and having the proper engineering expertise onsite.

To protect against similar disasters in the future, NSPE, in collaboration with Congressman Bruce Westerman, P.E., has been urging all federal agencies to strengthen engineering standards by mandating the role of licensed professional engineers in federal engineering projects. NSPE also created a Storify (https://storify.com/NSPE/gold-king-mine-and-the-role-of-the-pe) to combine its advocacy efforts with other reports, stories, and social media posts to paint the broader picture.

NCEES Inks Partnership To Offer FE Exam in Egypt

NCEES has entered into a partnership with the Egyptian Engineers Syndicate (EES) to allow the NCEES Fundamentals of Engineering (FE) examination to be offered to graduates of Egyptian engineering programs. EES, the entity for Egyptian engineers, aspires to enact legislation that will require all graduates of engineering programs to successfully complete the FE exam in order to be admitted to the EES and thus be authorized to offer and provide engineering services in Egypt. Currently, there are approximately 25,000 graduates from Egyptian engineering programs each year. The FE exam will be administered at approved Pearson VUE test centers in Egypt.

NCEES advancing licensure for engineers and surveyors (http://ncees.org/)

ISA Automation Appreciation Month Targets STEM Outreach

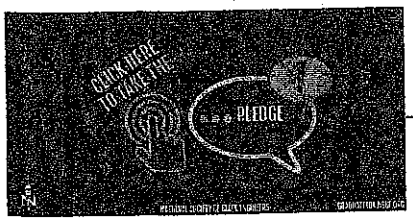
To encourage ISA members to get involved with young people on STEM initiatives—and to celebrate the importance of automation careers—ISA designated November 2015 as Automation Appreciation Month. Throughout the month, ISA distributed emails to members and ran advertising that highlighted the value of four specific advocacy initiatives:

- Host a workplace tour for students (https://www.isa.org)
- Organize an automation career fair or related event (https://www.isa.org/professional-development/automation-appreciation-month-activity-2/)
- Sponsor, participate in, or contribute to a robotics or STEM-related activity (https://www.isa.org/professional-development/automation-appreciation-month-activity-3/)
- Be a mentor – Speak at a school or to others about automation-related careers (https://www.isa.org/professional-development/automation-appreciation-month-activity-4/)

Visit www.isa.org/aam (https://www.isa.org/professional-development/automation-appreciation-month/?utm_source=google&utm_medium=email&utm_campaign=af-aamtwo16OCT) for more information.

New NSBE Campaign Promotes Surge in Black Engineering Graduates

The National Society of Black Engineers launched its "Be 1 of 10K Campaign" in October, aiming to graduate 10,000 black engineers annually by 2025. The campaign invites students in grades 7-12 to pledge to prepare themselves academically to graduate with a degree in engineering before that target year. Parents and supporters are also asked to pledge their help so that the young people in their lives can achieve this goal. The campaign has already attracted donations, media attention (https://www.youtube.com/watch?v=n2ldfzTMGD8), and nearly 3,000 people to the Be 1 of 10K website (http://connect.nsbe.org/campaign/graduate10k/).



(http://connect.nsbe.org/campaign/graduate10k/)

At the 2013 NCEES annual meeting, the Advisory Committee on Council Activities (ACCA) Committee presented a motion to allow early taking of the exam as outlined above. The rationale provided by ACCA was:

> *Disconnecting the experience prerequisite from the timing of taking the PE examination in the Model Law will bring it in harmony with the definition of a Model Law Engineer in the Model Rules. The intent of separating the two does not preclude jurisdictions from deciding whether the experience is required prior to taking the exam; any jurisdiction will still be able to add the prerequisite requirement for experience prior to taking the PE examination either through its law, rules, or policies. This change will just make the Model Law and Model Rules consistent. Currently, the Model Law is considered restrictive and may serve to discourage many E.I.s from pursuing licensure. Requiring experience prior to taking the PE exam is not the universally accepted procedure for licensure, even though ACCA acknowledges that it is likely the most widely accepted method.*

The motion passed 41-24.

Philosophical Change

Without decoupling, the PE exam application is the de facto licensure application. When a board approved an application, they were saying 'if you pass the PE exam, we will issue your license'. With decoupling, the PE exam application is just that - candidates seeking approval to sit for the exam; nothing more. Once the PE exam is passed, and the appropriate experience is obtained, the candidate could then apply for licensure. At that point, the candidate will have a complete package including passage of the PE exam available for board review.

Guidance

If your board chooses to adopt decoupling, the following are topics that need to be addressed, along with some general guidance. This information was accumulated from a 2015 survey of state Boards that have adopted decoupling, as well as issues from states that are considering (and some that have rejected) decoupling.

Educate your state professional societies – One of the biggest hurdles is misunderstanding what decoupling is, and more importantly, what it is not.

Patterson, Kathryn

From: Lance Kinney (Basecamp) <notifications@basecamp.com>
Sent: Tuesday, February 02, 2016 1:45 PM
To: Patterson, Kathryn
Subject: (MBA Link) Decoupling Best Practices

Write ABOVE THIS LINE to post a reply or view this on Basecamp

Lance Kinney posted this message on Basecamp.

Decoupling Best Practices

As part of our charges and discussions, the MBA Committee has compiled a paper on best practices for decoupling of engineering experience requirements and the PE exam. This is based on information provided to the committee in a survey on decoupling and includes some ideas and processes you should consider if your jurisdiction moves forward with decoupling.

Several states have successfully completed the decoupling process and are now offering the PE exam 'early', and several states are considering making the move. Please review and share with your agency and your Board. Let us know if you have any questions or need any clarifications.

For those attending the MBA Forum this weekend, we will also share this and discuss with the group.

Thanks -

Lance

PS - A big tip-o'-the-hat to David Cox of Kentucky for rolling up the survey info and putting this paper together.

Decoupling paper_final_2016.pdf

Procedural Guidance for Decoupling

NCEES MBA Committee
February 2016

Purpose

The purpose of this paper is to provide general guidance and share best practices if a board decides to adopt the decoupling of experience and the PE exam. Such guidance cannot cover for all situations; each board will have unique challenges and hurdles.

Definition

Decoupling is the disconnection of experience requirements for licensure from the requirements for taking the PE exam. Candidates could apply to take the PE exam after meeting the educational requirements for licensure and passing the Fundamentals of Engineering (FE) exam. Experience requirements would still have to be met before such candidates could apply for licensure.

History

At the 2001 annual meeting, NCEES voted to change the definition of Model Law Engineer (MLE) by deleting the requirement for completion of four years of engineering experience before an engineering intern (EI) was allowed to take the PE examination. This allowed a professional engineer to be designated as a MLE even if he or she had not fulfilled the requirement of four years of appropriate experience prior to taking the PE exam. This action was taken based on the recommendations of the Mobility Task Force and on the results of a strategic planning survey and straw poll taken at the 2001 Board Presidents' Assembly.

The National Society of Professional Engineers (NSPE) Board of directors adopted a resolution on July 20, 2013 (Position Statement 1770) recommending and advocating that NCEES and state boards provide flexibility for the optional early taking of the PE exam by candidates who have met the educational requirements and passed the FE exam. The candidates would still need to accumulate the required years of progressive engineering experience in order to become licensed.

At the 2013 NCEES annual meeting, the Advisory Committee on Council Activities (ACCA) Committee presented a motion to allow early taking of the exam as outlined above. The rationale provided by ACCA was:

> *Disconnecting the experience prerequisite from the timing of taking the PE examination in the Model Law will bring it in harmony with the definition of a Model Law Engineer in the Model Rules. The intent of separating the two does not preclude jurisdictions from deciding whether the experience is required prior to taking the exam; any jurisdiction will still be able to add the prerequisite requirement for experience prior to taking the PE examination either through its law, rules, or policies. This change will just make the Model Law and Model Rules consistent. Currently, the Model Law is considered restrictive and may serve to discourage many E.I.s from pursuing licensure. Requiring experience prior to taking the PE exam is not the universally accepted procedure for licensure, even though ACCA acknowledges that it is likely the most widely accepted method.*

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Without decoupling, the PE exam application is the de facto licensure application. When a board approved an application, they were saying 'if you pass the PE exam, we will issue your license'. With decoupling, the PE exam application is just that - candidates seeking approval to sit for the exam; nothing more. Once the PE exam is passed, and the appropriate experience is obtained, the candidate could then apply for licensure. At that point, the candidate will have a complete package including passage of the PE exam available for board review.

Guidance

If your board chooses to adopt decoupling, the following are topics that need to be addressed, along with some general guidance. This information was accumulated from a 2015 survey of state Boards that have adopted decoupling, as well as issues from states that are considering (and some that have rejected) decoupling.

Educate your state professional societies – One of the biggest hurdles is misunderstanding what decoupling is, and more importantly, what it is not.

You can use this document as well as other material available from NCEES and NSPE as a resource. Other states that have been through the process will also be good sources.

We suggest developing a one page document briefly explaining decoupling with an emphasis on the fact that the requirements to become licensed have not changed. Be sure to include a paragraph on why your board believes the change is beneficial. Following is an example from a member board which can be adapted or used as a first draft:

> *The National Society of Professional Engineers (NSPE) Board of Directors adopted a resolution on July 20, 2013 (Position Statement 1770) recommending and advocating that the National Council of Examiners for Engineering and Surveying (NCEES) and state boards provide flexibility for the optional early taking of the Principles & Practice of Engineering (PE) exam by candidates who have met the educational requirements and passed the Fundamentals of Engineering (FE) exam. The candidates would still need to accumulate the required years of progressive engineering experience in order to become licensed.*
>
> *At its annual meeting in August 2013, NCEES member boards voted to amend the NCEES Model Law to allow the early taking of the PE exam as outlined above. Also, the board of the {State Name} Society of Professional Engineers unanimously adopted the NSPE resolution at its {Meeting Date} meeting.*
>
> *The {Board Name} discussed this matter at its {Meeting Date} meeting and voted unanimously to provide for the optional early taking of the PE exam. Candidates can now apply to take the PE exam after completing the educational requirements and passing the FE exam. However, candidates must still meet all other requirements including the required years of progressive engineering experience before applying for licensure.*
>
> *The Board believes this action will provide a measure of convenience and flexibility for potential licensees whose work experience may be, or may become, narrowly focused. A young engineer who passes the PE exam early may be more likely to become licensed. This should also encourage more engineers in manufacturing, industrial, and governmental settings to become licensed. Increasing the number of licensed engineers improves public protection.*

If you have questions or require further information, please contact {Contact Information}.

One option when dealing with your state NSPE chapter is to suggest they discuss adopting NSPE Position Statement 1770. That makes the issue more than just a board driven initiative.

Are changes to your law and/or rules necessary? - If so, follow your jurisdiction's requirements and procedures. Strongly consider involving your state's professional societies after the education process so they can join you in dealing with your state legislature. Again, this will make it more than just a board driven initiative.

Select an effective date for the new process - If a law or rule change is required, the effective date will be determined during that process. If you have flexibility, starting after the previous exam cycle closes is a good choice. This gives you the "end date" for developing a time line. Other dates along the time line will include application creation/modification, instructions modifications, website changes and updates, etc.

Be sure to create the changes in advance and "hold" them until the previous exam cycles under the old methods are complete. You can then immediately post the new material.

Determine if your jurisdiction will allow the "automatic" approval option for PE exams - NCEES offers an automatic approval option for PE exams which boards can utilize. Your board can elect to offer this option and then set up the approval criteria with NCEES. For example, if an applicant has an EAC ABET accredited degree and has passed the FE exam, then the applicant would automatically be approved after registering with NCEES. NCEES would require the candidate to submit a transcript for their review and would verify the FE exam through internal records. All others would fall back to manual board review.

Develop an education plan to reach potential PE exam applicants – For a significant procedural change such as this, communication is critical. Potential test takers need to be made aware of the change so they can consider early test taking. Develop a concise document explaining why when and how; why you have made the change, when they can take advantage of the opportunity, and how to apply. The document can be used in different formats with engineering schools, state societies, board website, internal EIT/EI listing, etc. Consider several formats including website posting, social media, speaking engagements, mailings, etc. Be sure to

contact PE exam applicants who were denied in the past for lack of experience, as well as current EITs. They may now be qualified to sit.

Modify/create the necessary applications - Do this in advance; at least six months out. Remember, the application to sit for the PE exam will no longer be an application for licensure. Previously, if they passed the exam, the PE license was issued. This sounds like a simple statement but it really is a cultural change.

For the PE exam application, you will just need the transcript and proof of passing the FE. The application can be designed to first ask for your state EIT/EI#, and no education or FE information will be needed since it will already be on file. If they do not have an EIT/EI # from your jurisdiction, ask for education and FE exam information. You would need to require submittal of a transcript and you can verify the FE exam with the other board or through the NCEES E3 system.

If you elect to use the "automatic" approval option with NCEES, those who are automatically approved would not need to complete such an application (or submit transcripts or FE exam verification); but you will need for other candidates who do not qualify for automatic approval.

For the PE licensure application, be sure to add a field for applicants to list the date and location where they passed the PE exam. Most applicants will have taken the PE exam in your jurisdiction. However, some may have passed the PE in another state. Verification from another board or through the NCEES E3 system will be needed for these applicants.

For some period of time, you will have applicants approved under the old system where they can be licensed upon passing the PE exam. You need to identify them so licenses can still be issued upon passing the PE exam.

Update your website and any other materials for the new process. On your website, consider listing the steps to licensure in order; how to apply for:

(1) The FE exam;
(2) An EIT/EI#;
(3) The PE exam; and
(4) Licensure.

Other disclosures – Be sure to include a disclaimer on your website and actual application forms/instructions. For example, if you already allow the automatic approval option for the FE exam, you should have language such as:

"Passage of the FE exam alone does not ensure certification as an Engineer-In-Training / Engineer Intern; future approval to take the PE exam; or licensure as a Professional Engineer."

You can adapt this same concept for the PE exam:

"Passage of the PE exam does not ensure licensure as a Professional Engineer (PE). You must meet all requirements of {State statute reference} including education, examinations, and experience and make application in order to be considered for licensure."

Another disclosure you should consider relates to potential comity issues. A few states may still require applicants to retake the PE exam if it was taken before obtaining the required experience. You can consider naming specific states you are aware of or just make a general statement such as:

"Please be aware that a few states may require you to retake the PE exam if taken before obtaining the required experience. You may wish to contact the individual states in which you have an interest before deciding when to take the exam."

Other comments - Expect a significant increase in takers the first cycle because of pent up demand. You have potential applicants with 1-3 years of experience now eligible to apply. After a couple of exam cycles, numbers should return to previous levels.

Be prepared for an increase in takers from neighboring states who have not decoupled if you have no residency requirements.

Understand the need to make adjustments after the new process starts to identify better practices for the future.

Patterson, Kathryn

From: Len <lneugebauer@midco.net>
Sent: Saturday, February 27, 2016 7:34 AM
To: Patterson, Kathryn
Subject: Early PE Testing
Attachments: pe20160304-145633152400089a6758b1c-pp.pdf; Points of Concern over Early PE Testing 140428 final.pdf

Hi Kathryn,

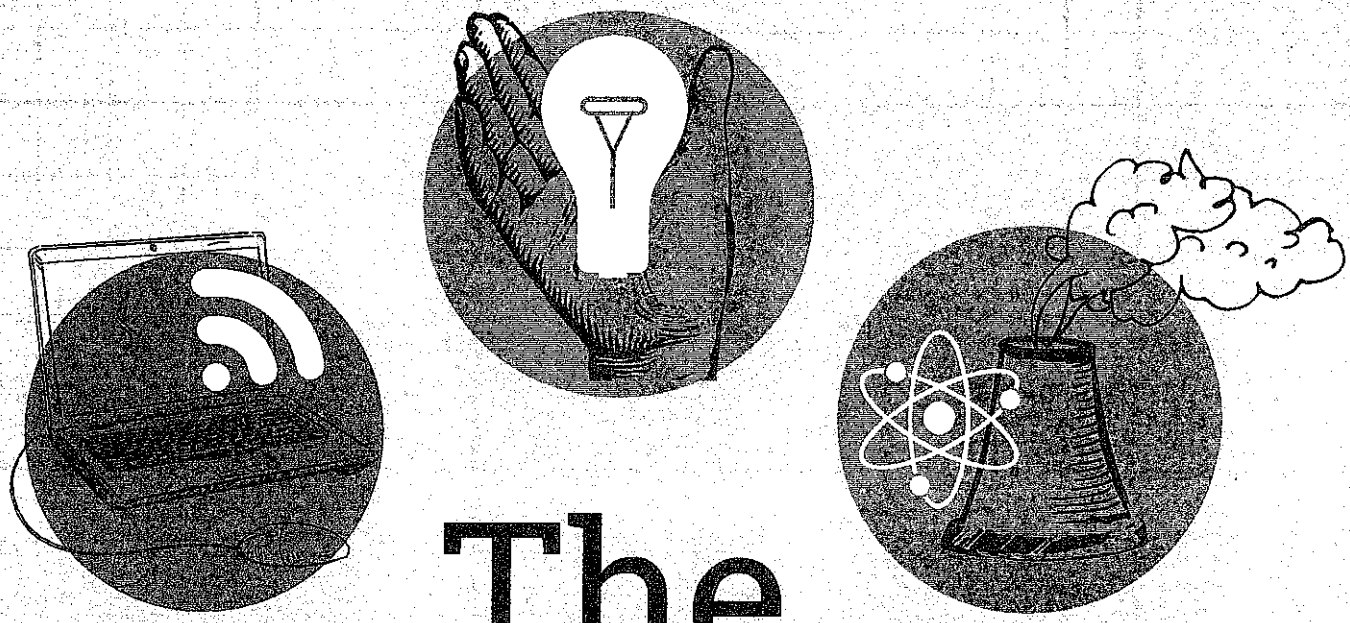
I saw this attached article entitled "The Ultimate Test" in the recent March-April 2016 edition of PE News. I thought I would share it with you and the Board, in case you have not seen it yet. On page 24 under "the experience factor" heading, it says that nine states now allow early PE testing, which are AZ, CA, NV, NM, UT, WY (Western Zone), KY, SC (Southern Zone) and IL (Central Zone). So far, there are no states in the Northeast Zone allowing early testing.

I again read the "white paper" that the SD Board prepared on the subject of early testing, which I have also attached for your quick reference. I continue to feel that all of these points are still valid as well as feel strongly that early PE testing is a faulty policy. Hopefully, SD and most if not all of the other 40 states will continue to require the experience to be earned and approved prior to taking the PE exam.

Hope all is going well for you. I am glad to see that the two bills passed in the legislature and are signed by the Governor, so the Board can now move forward with this after these law revisions take effect on July 1st.

Take care,

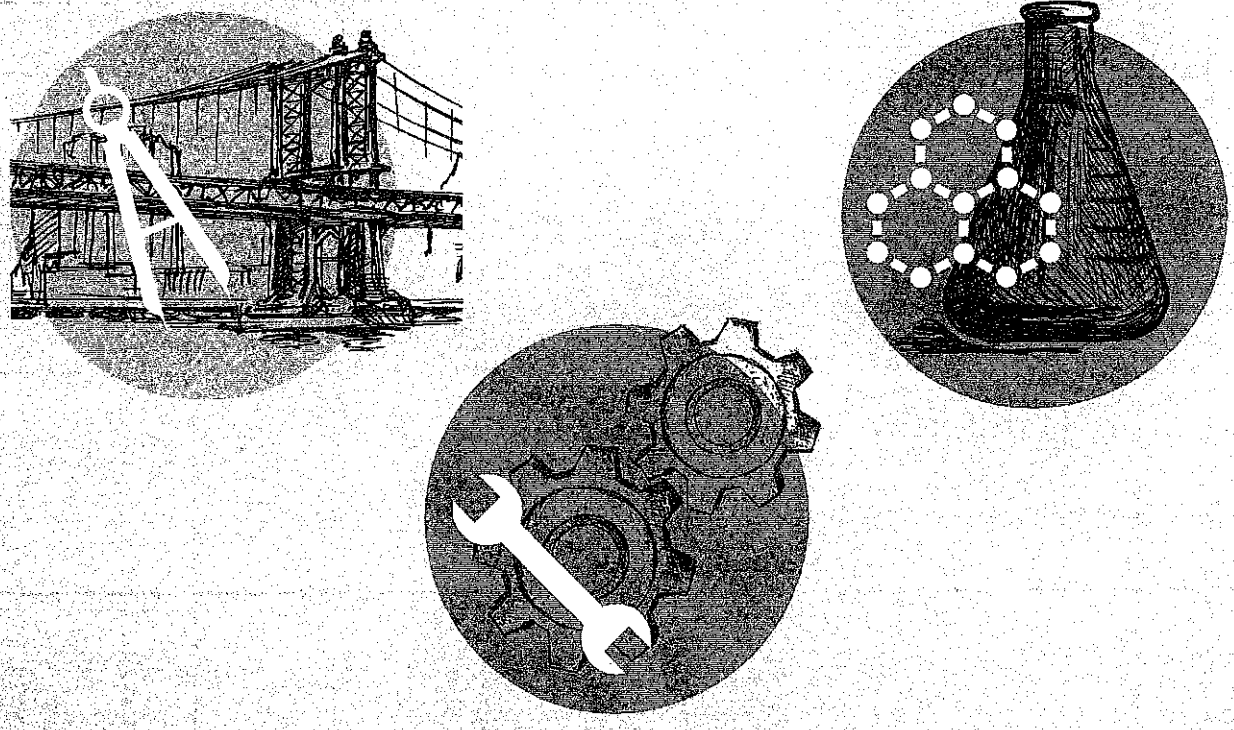
Len



The Ultimate Test

Professional engineers play a critical role in designing PE exams that can determine who has the right experience to protect the public.

BY DANIELLE BOYKIN



"If we are going to put a PE designation on someone, we want to do that under the current state of that particular industry." David Whitman, P.E.

Since the first Principles and Practice of Engineering (PE) Exam was administered in 1966 by the National Council of Examiners for Engineering and Surveying, it has served as a critical step on the path to becoming a licensed engineer. Over the course of 50 years, the exams have evolved to meet the distinct needs of various industries and sectors and to ensure that engineers have the experience necessary to protect the public health, safety, and welfare. In order to make this happen, NCEES needs the participation of PE volunteers to serve as subject-matter experts to write and evaluate exam questions and maintain the quality of the exam. This engagement will be even more critical as the council prepares to convert the exam to a computer-based format.

Each year, nearly 25,000 engineers take the PE exam to show that they have the knowledge and skills to become a professional engineer. Ensuring that all licensure candidates have a quality examination is no easy feat. Every six to eight years, each PE exam goes through a rigorous review and updates via a process that takes 12 to 18 months, says NCEES Director of Exam Services Tim Miller, P.E. This process begins with a designated exam development committee assessing the need for new specifications and questions. "They determine the tasks, skills, and knowledge that people with four years of experience and a degree from an accredited program need to know to be able to practice and protect the public health, safety, and welfare," says the NSPE member.

Finger on the Pulse

NCEES Past President David Whitman, P.E., believes this process is necessary to keep up with changes in the profession. "Historically industries change enough every six to eight years that we need to keep our finger on the pulse of this change," says Whitman, a Wyoming licensing board member and NSPE member.

Change is inevitable. In 1996, NCEES voted to transform the single FE exam taken by all majors into multiple FE exams based on six primary majors. The PE exams have also morphed over time into exams that are more specific to engineering specialties. The single mechanical engineering PE exam from 1995, says Whitman, doesn't reflect what mechanical engineers are doing now in 2016. There are now three different mechanical engineering PE exams.

"If we are going to put a PE designation on someone, we want to do that under the current state of that particular industry," says the University of Wyoming professor. "Once they get their license, they are expected to participate in continuing education to keep up with industry changes."

The exam review process requires the help of licensed engineers who have a strong knowledge of the industry to participate in a professional activities and knowledge study (PAKS). The study asks participants to rate various tasks, knowledge areas, and skills based on their level of relevance. At least 200 respondents are needed to ensure an accurate picture of current industry practices. NSPE and other societies can help spread the word about the studies, Whitman says. "If we get less than 200 respondents, we may not be building an exam that matches what's going on in these industries."

The PAKS is an important part of the process because of a PE's responsibility to protect the public, says Whitman. "As a board member, I have to be confident that a newly licensed PE is taking the exam under the current state of the industry," he says.

Once the study is concluded, the committee analyzes the results with a psychometric consultant to gather the top-rated tasks, knowledge areas, and skills to help establish exam specifications and questions. Committee members also determine if there are ratings correlations within different groups of respondents. "For example, are engineers in the Northwest responding differently than groups of engineers in the Southeast," says Miller. "Are ratings differing among engineers with differing years of experience? We want to be thorough in this process."

Once the new exam specifications have been assembled and reviewed, the Committee on Examinations for Professional Engineers must give the final approval for the new specifications. This oversight body also focuses on the exams' long-term quality, which involves pass rates, cut scores, and viability of the questions. Usually there aren't major changes in the specifications, says Whitman, who serves as chair of the committee. Over the last decade, both the electrical and mechanical exams have become multiple exams. In the electrical area, power is a completely separate exam from computer engineering or electronics. "This reflects the development of the industry into a more concentrated focus," he says.

Wendy Lick, P.E., recently helped complete the PAKS process for the mechanical engineering exams. The goal was to make sure they keep up with current practices and ensure a smooth transition into the future. "Mechanical engineering is one of the oldest disciplines and isn't a rapidly changing field like software engineering," says the chair of the PE Mechanical Exam Development Committee. "We aimed to set up the exam for future success as we move toward computer-based testing."

In 2012, NCEES voted to transition the PE exams to a computer-based format at the earliest feasible date but no earlier than 2015. The FE exam changed to a computer-based format in January 2014, with seven discipline-specific exams.

Lick adds, "Once a large exam like ours moves to computer-based testing, the computer assembles a different exam for each test taker. We want to make sure there is a good quality control process."

The Experience Factor

In 2014, NCEES voted to remove from the Model Law the requirement for a licensure candidate to have at least four years of experience prior to taking the PE exam. Arizona, California, Illinois, Kentucky, Nevada, New Mexico, South Carolina, Utah, and Wyoming no longer require four years of experience before a candidate can take the exam.

Even if candidates can take the exam early, says Miller, it is still designed for an engineer who has four years of experience. "What we've found so far is that the highest pass rate for first-time test takers are candidates with four to five years of experience," he says.

Whitman says that the early examination option has increased the number of Wyoming licensure candidates who are taking the exam before having the full four years of experience. Despite the option to take the exam early, candidates are still strongly encouraged to gain three to four years of experience first. "Are there some people that seem to absorb everything quickly? Absolutely; they can manage to pass," he says. "But the vast majority would struggle in that exam after just one year of experience."

Whitman adds, "Even if you pass the exam after three years, you can't get licensed until you have acquired the full four years of experience."

NSPE recommends that state licensing boards provide flexibility for optional early taking of the PE exam by candidates who have met the educational requirements for licensure and passed the FE exam. The Society also believes, however, that the four years of progressive engineering experience recommended by the Model Law should remain unchanged.

THE PE EXAM: MYTHS AND TRUTHS

MYTH NCEES holds repeat takers to a higher standard than first-time takers. That's why repeat passing rates are so low.

TRUTH All examinees are graded to the same standard of minimum competence. In looking at the pools of exam takers, the first-time taker pool comprises high-ability, mid-ability, and low-ability examinees. When the exam is given, most of the high-ability examinees, some of the mid-ability group, and very few low-ability examinees pass and leave the examinee pool.

Examinees who fail the exam move to the repeat-taker pool. Unless they significantly change their preparation methods, history has shown that they will fail again. When they take the next exam, some of the mid-ability examinees pass and perhaps a few of the low-ability examinees who made a significant change in their preparation pass. That's why repeat passing rates are lower.

MYTH Exams administered in the fall are more difficult than those in the spring (or vice versa).

TRUTH The scoring process negates any differences in difficulty. Examinees are graded against a standard of minimum competence. If the exam is more difficult, the required passing score is lowered. Conversely, if the exam is less difficult, the required passing score is raised. An examinee is neither penalized nor rewarded for the difficulty of the exam.

MYTH NCEES throws out questions on the exam without analyzing the final results.

TRUTH After an exam, subject-matter experts review questions that have statistical anomalies or receive comments from examinees. If a question is found to have two correct answers, all examinees with either answer are marked correct. If a question is deemed to not have a correct answer, all examinees with any answer are marked correct.

MYTH The required passing score varies from state to state.

TRUTH The passing score does not vary from state to state. Examinees in all jurisdictions have the same required passing score for their discipline for that administration.

MYTH NCEES grants PE licenses.

TRUTH NCEES develops, publishes, and scores the exams on behalf of the state licensing boards to determine minimum competency. State licensing boards grant licenses to candidates in their jurisdiction based on that jurisdiction's requirements.

MYTH NCEES sets the pass score so only a certain number or people pass—thereby controlling entry into the profession.

TRUTH The pass score is set at the level of minimum competence. Examinees that exceed the score will pass.

MYTH A passing score is 70%.

TRUTH Before results were reported as pass-fail, examinees received scaled scores. The passing raw score (different for each discipline and varying from administration to administration based on difficulty) was "set" at 70, and all scores were scaled accordingly. In 2005, NCEES voted to provide only pass-fail results. Somehow, over time, an urban legend developed and the scaled score of 70 erroneously turned into a 70% raw score being required to pass.

MYTH My exam prep course instructor says I only need 50% to pass.

TRUTH Exam preparation instructors are not involved in the exam process (an NCEES policy) and don't know the score required to pass.

Energy and Dedication

The exam development process runs on the energy and dedication of its volunteers, says Lick, who has served as a volunteer in various capacities since 2001. NCEES makes every effort to ensure that the exam committees consist of a group of licensed engineers diversified by age, gender, ethnicity, geographic location, and years of practice, adds Miller.

Lick believes that her volunteer activities have given her a greater appreciation for the profession and the exam. "Before I took the PE exam, I thought they were just throwing in this extra hurdle to become licensed," she recalls. "I believed that I had proved myself by getting a degree and gaining work experience. I also had people who could vouch for me."

Lick's mindset changed after she volunteered for the PAKS. "I saw the need for the exam because people who had managed to get their degrees and the necessary years of experience were getting questions wrong that they should have gotten right," she says. "We weren't asking people to do anything outstanding or be super engineers, but only to demonstrate minimal competence. We really do need this extra layer of protection for the public."

She adds, "We know that there are people who are not competent, and it's our responsibility with this exam process to keep them from being in responsible charge of engineering projects."

Another reason that Lick continues to volunteer: the professional comradery. "We actually get into arguments and deep discussions about technical questions and topics," she says. "I get a huge kick out being in a room full of people who are not embarrassed about being nerds." PE

Do you want to give back to the profession by volunteering your time and expertise for the exam development process? Get more information at http://ncees.org/audience-landing-pages/volunteers.

Points of Concern over Early PE Testing

Prepared by South Dakota Board of Technical Professions
April 28, 2014

For over a half century, the practice has been for engineering interns to complete the required experience for licensure prior to applying for and then being reviewed and approved by the licensing board in order to be eligible for taking the PE examination. Upon passing this "final" examination, the applicant is normally licensed to practice as a professional engineer in that initial jurisdiction. Change in this procedure is now being proposed, which would allow an applicant to take the PE examination at a time of their own choosing. This time could be prior to completing the experience requirements as well as could be prior to completing the education requirements and/or even prior to passing the FE examination.

Change can be necessary in some instances to adapt to a changing profession. However, changing from a practice that has been employed for over a half century needs to be fully evaluated and assessed to be certain that the change is warranted in order to solve underlying problems with existing procedures. The following identifies concerns which we have regarding this proposed change.

1. Model law states that an applicant who passes the FE examination and provides proof of graduation with a qualifying engineering degree may be certified or enrolled as an engineering intern. Internships normally span a period of time until the intern qualifies for and is approved for licensure. If an individual passes the PE examination shortly before or after graduation with an acceptable engineering degree, what then is the status of that individual with respect to internship in or possible practice of the engineering profession?

2. It seems that early taking and passing of the PE examination brings into serious question the value of the PE examination in terms of testing the knowledge gained during the required experience prior to becoming a licensed professional engineer. If the PE examination can be taken shortly before or after graduation, what examination will be used to test this practical knowledge gained during the internship and prior to being issued a license to practice as a professional engineer?

3. During internship, it is desired that the individual begin a practice of career-long learning. If the PE examination is given early, there may be a reduced incentive to begin developing career-long learning, since the PE examination has already been taken and passed. Employers may even feel that continued education during the internship is not as necessary since the PE examination has already been passed, which would reduce the time and expense involved with such continued education of interns.

4. Early taking and passing of the PE examination conflicts with the need for the Masters or Equivalent (MOE) program set by current model law to begin January 1, 2020. If the BS engineering program is sufficient to pass the PE examination even with little or no practical engineering experience, then why is the MOE program needed? Even if the MOE program is instituted, the PE examination could be taken shortly before or after graduation with the BS degree and far before completion of the masters degree or equivalent education (BS+30). What examination will test the knowledge gained in the masters or equivalent education if the PE examination is taken and passed shortly before or after the BS degree is obtained?

5. If an individual takes and passes the PE examination in a certain discipline (i.e. Transportation) shortly before or after graduation and then during his/her experience switches to a career in another discipline (i.e. Environmental), does he/she need to retake the PE examination in the second discipline area? This is particularly important in jurisdictions which are discipline specific. The engineering intern who waits until the end of the internship with the acquired four years of experience is much more likely to know which engineering discipline he/she will be practicing and which is the appropriate PE examination that he/she needs to take.

6. NCEES data proves that PE examination pass rates are highest for individuals who first gain the four years of experience during their internship. The early PE testing pass rates which have been presented in support of early PE testing may not be a true indication of the entire engineering intern population, since it is logical that higher academic achievers will likely be more highly motivated to take the PE examination early and the lesser academic achievers will likely be less motivated to pursue early testing.

7. Completing the 4-year internship prior to taking the PE examination promotes the importance of retaining engineering knowledge far beyond the completion of the degree. Waiting to take the PE examination also promotes the need to perform periodic review of previously acquired knowledge not only to pass the PE examination, but also to practice the engineering profession.

8. What happens if an individual passes the PE examination shortly before or after graduation and then acquires four years of experience which the board will not accept? There will be a lot of pressure put on the board to grant the engineering license in spite of the experience defects, since the applicant has already committed the effort, time, and cost of taking and passing the PE examination. The better scenario is to complete the required engineering education and experience and have it approved by the board prior to taking the PE examination, so upon passing the PE examination the applicant will be licensed as a professional engineer.

9. Early PE testing does not promote comity licensure, where some jurisdictions allow such early testing and other jurisdictions require that the engineering experience be obtained before the PE examination is taken. Some of the following questions come to mind.
   a. Will a comity applicant who took the PE examination shortly before or after graduation in an "early" state have to re-take the PE examination when applying for licensure in a "wait" state where the experience must precede the taking of the PE examination?
   b. Will individuals who live in a "wait" state be inclined to apply in a neighboring "early" state so they can take the PE examination early? If so, then what happens when they later apply for licensure in the "wait" state in which they live and work?
   c. How can a "wait" state accept comity applicants from "early" states where the PE examination was taken and passed shortly before or after graduation, but require their own in-state applicants to obtain the required acceptable experience before being approved to take the PE examination? Is this not a double standard?

10. What is the impact on the definition of "Model Law Engineer", if some take the PE examination before or shortly after graduation and others take the PE examination after earning the four years of experience? For those jurisdictions which do not accept early testing with comity applicants, will they need to scrutinize all MLE comity applicants to determine when they took the PE examination?

11. If the FE and the PE can be taken back to back and the PE can be taken before the FE, is it possible that the need for two examinations so close together may be challenged in the future, and these two examinations would be combined into one single examination? Also, if two examinations or one combined examination are offered before or shortly after graduation, will some jurisdictions see a need to create a third "practice" examination which would be taken at the end of the internship and prior to licensure? Would these jurisdictions need to create their own "practice" examination for this purpose?

12. Could taking and passing the PE examination shortly before or after graduation be a possible incentive to such individuals to perform engineering work which should be performed only by licensed professional engineers, which possible incentive might lead to another form of unlicensed practice?

These are some of the concerns that we have identified at this time. There may be other concerns as well. We feel that these and any other concerns should be taken into consideration and mitigated prior to implementing a policy of early taking of the PE examination.

Patterson, Kathryn

From: Len <lneugebauer@midco.net>
Sent: Monday, February 01, 2016 12:57 PM
To: Patterson, Kathryn
Subject: RE: DPC update

Thank you. I believe the fact that SB40 and SB41 went through so smoothly was a credit to all of the work the Board did to coordinate and get input from all of the constituent professional organizations before taking these issues to the legislature. I am glad they have passed and will likely become law with the governors signature soon. Then after the laws go into affect on July 1st, the Board can formally adopt and distribute the guide document for certifying, signing and sealing professional documents, which should be a great help to all licensed professionals.
Have a good day,
Len

From: Patterson, Kathryn [mailto:Kathryn.Patterson@state.sd.us]
Sent: Monday, February 01, 2016 11:13 AM
To: 'Len '
Subject: RE: DPC update

Thank you for the information. SB37 to adopt the 2015 Uniform Plumbing Code (Plumbing Commission); SB40 revise signature and seal (BTOP); and SB41 housekeeping (BTOP) have passed the House and Senate so they should be ready to go to the Governor for signature soon.

Kathryn Patterson
Executive Director
South Dakota Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702-2439
Phone: 605-394-2510
Fax: 605-394-2509
Email Address: Kathryn.Patterson@state.sd.us
Web Address: http://dlr.sd.gov/bdcomm/btp

From: Len [mailto:lneugebauer@midco.net]
Sent: Monday, February 01, 2016 10:09 AM
To: Patterson, Kathryn
Subject: FW: DPC update

FYI

From: Justin L. Bell [mailto:JLB@mayadam.net]
Sent: Monday, February 01, 2016 1:07 AM
To: Boddicker, Gail L.; Monty Miller (montym@sayreassociates.com); Jeff Hines (jeff.hines@bartwest.com); Albert Berreth; Chad Kucker; Diane Aas; MBSDD1@aol.com
Cc: Len
Subject: RE: DPC update

All -

SOUTH DAKOTA BOARD OF TECHNICAL PROFESSIONS
2040 West Main Street, Suite 304, Rapid City, SD 57702-2447
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Email: sdbtp@state.sd.us Website: http://dlr.sd.gov/btp

DRAFT 7/11/14

GUIDELINES FOR CERTIFYING, SEALING, SIGNING AND DATING DOCUMENTS PREPARED BY LICENSED TECHNICAL PROFESSIONALS IN SOUTH DAKOTA

Introduction. This document was prepared to provide recommendations and guidance to licensees regarding certifying, sealing, signing and dating various documents prepared by licensed technical professionals. Except for direct excerpts from South Dakota Codified Law (SDCL) and Administrative Rules of South Dakota (ARSD) contained herein, this guide document is not intended to be prescriptive in nature. If any person has any comments or suggestions regarding this guide document, please forward such comments or suggestions preferably in writing to the Board office at the addresses provided above.

Which technical professionals are required to use a seal in South Dakota? According to SDCL 36-18A-44, architects, engineers, land surveyors, and landscape architects who are duly licensed in South Dakota are required to procure and use a professional seal on appropriate documents prepared by them or under their direct supervision. Although also licensed in South Dakota by the Board of Technical Professions, petroleum release assessors and petroleum release remediators shall **not** obtain and use a professional seal indicating licensure as assessors or remediators. However, assessors and remediators are still required to certify, sign and date appropriate documents prepared by them or under their direct supervision.

Why do we certify, seal, sign, and date technical professional documents?

- A certification statement may be required in some cases and may otherwise be optional. The certification statement is used to stipulate that to which the signer is certifying or attesting.
- The seal is used to authenticate a document for its intended purpose by using a mark (seal) which is unique to the person who is authenticating it and shows the authorization (license) held by the individual which enables the individual to prepare and authenticate the document.
- The seal provides basic information regarding the person who is authenticating the document, which is the name, license number, technical profession in which the license is granted, and the state granting the license.
- The name on the seal is supplemental to the written signature, which written signature may not be sufficiently legible to the reader for correctly identifying the name of the signer.
- The written signature validates and authorizes the document for its intended use, as well as verifies that the seal has been applied personally or as specifically directed by the licensee whose name appears on the seal.
- The date provides the day on which the document was authorized for its intended use by the licensee by sealing and signing the document.

What does application of the seal, signature, and date with or without a certification statement mean? According to SDCL 36-18A-45, "the application of the licensee's seal and signature and the date constitutes certification that the work on which it was applied was done by the licensee or under the licensee's responsible charge."

Why is a certification statement sometimes used? Although not generally required by laws and rules, certification statements can be used by licensed technical professionals to stipulate that to which they are certifying and, in some instances, may also stipulate items or conditions which they are excluding from the certification. In some cases, specific laws or regulations relating to a specific type of document may require a certification statement to accompany the seal, signature and date of the technical professional who personally prepared or was in responsible charge of the preparation of the document.

Why is a "Purpose" declaration sometimes used: Where appropriate, it is recommended that licensees indicate the intended purpose of the document in bold letters on each sheet of the document. Examples of purpose declarations follow: PRELIMINARY; FOR REVIEW ONLY; PRELIMINARY-NOT FOR CONSTRUCTION; FOR BIDDING ONLY; FOR BIDDING AND CONSTRUCTION; AS-BUILT DRAWING; RECORD DRAWING; etc. This list is intended for examples only and is not intended to be a comprehensive list of all "purpose" declarations that might be appropriate or that any "purpose" declaration is needed at all.

"Prepared By" information: It is recommended that all sheets of drawings contain "Prepared By" information, which at a minimum should include the words "Prepared By", name of licensee, title of profession and SD license number (i.e. PE-SD#00000), phone number, and date. Other optional information could include name of firm, email address, and mailing address. The "Prepared By" information is intended to identify the licensee who is signing and sealing the document, as well as provide minimum contact information to the reader/user of the document.

Single-profession plan documents with one licensee in responsible charge: Single-profession plan documents which only require the seal/signature of one licensee in responsible charge of the entire document need only be sealed, signed and dated on the cover sheet along with a certification statement stating that the licensee is in responsible charge for the entire document, providing that all other sheets in the document are identified to be part of that document by name of project, project number, and sheet number corresponding to the list of sheets on the cover sheet; and each sheet after the cover sheet contains "Prepared By" information on that sheet. If appropriate and needed, each sheet should also include a "Purpose" declaration fitting the purpose of the document.

Single-profession plan documents with two or more licensees in responsible charge: Single-profession plan documents which require the seal/signature of two or more licensees in responsible charge of portions of the document need only be sealed, signed and dated on the cover sheet along with a certification statement for each licensee stating which sheets that each licensee is responsible for, providing all other sheets in the document are identified to be part of that document by name of project, project number, and sheet number corresponding to the list of sheets on the cover sheet; and each sheet after the cover sheet contains "Prepared By" information on that sheet. If appropriate and needed, each sheet should also include a "Purpose" declaration fitting the purpose of the document.

Multi-profession plan documents with two or more licensees in responsible charge: Multi-profession plan documents which require the seal/signature of two or more licensees in responsible charge of the various professions of the document should be sealed, signed and dated on the cover sheet by the "prime professional" who has overall coordination responsibility for the multi-profession project, along with a certification that stipulates that said licensee is the "prime professional" responsible for the project. Each sheet or the first sheet of each plan section should then be sealed, signed and dated by the licensee who has responsible charge for that sheet or plan section. All sheets in the document should be identified to be part of that document by name of project, project number, and sheet number corresponding to the list of sheets on the cover sheet and/or list of sheets on the first sheet of each plan section; and each sheet after the cover sheet should contain "Prepared By" information on that sheet. If appropriate and needed, each sheet should also include a "Purpose" declaration fitting the purpose of the document.

Specifications documents: Specifications documents which often accompany plan documents typically contain various documents related to the bidding and contracting for construction of the project, as well as specifications for the various components which are part of the project and performance requirements for constructing the project. For single-profession projects, it is recommended that the title page or other appropriate page contain a certification statement stipulating the licensee(s) in responsible charge of either the entire document or specified portions of the document in the case of two or more licensees in responsible charge. For multi-profession projects, it is recommended the title page or other appropriate page contain a certification and seal for the "prime professional" responsible for coordinating the entire project and the portion of the specification prepared by the prime professional. For sections of the specifications prepared by licensees

SIZE AND TYPES OF SEALS

Size of seal: According to SDCL 36-18A-44 (as proposed to be revised), "the seal shall be legible and shall have an outer circle with a diameter measuring at least one inch and no greater than two inches as well as an inner circle with a diameter measuring five-eighths of the diameter of the outer circle."

Rubber stamp seal: A rubber stamp seal has in recent history been the most commonly used type of seal. With this type of seal, the seal is imprinted on the document by first wetting it with ink on an ink pad and then pressing the rubber stamp seal onto the document.

Computer-generated seal: A computer-generated seal is an electronic seal image (commonly created in CAD software) and included on the CAD drawing of the sheet.

Copied seal: A copied seal is a reproduction of the seal which results from photocopying, blueprinting, or digital scanning the original document which bears a licensee's seal.

Digital seal: A digital seal is an image of a seal which is encoded and linked to a digital signature (as described below) in an electronic document in such a way that if the electronic document file is altered in any way, both the digital signature and the digital seal are invalidated.

Embossed seal: An embossed seal is a device which crimps the paper to imprint the seal. This type of seal is rarely used for documents sealed by technical professionals.

TYPES OF SIGNATURES

Wet-ink signature: A wet-ink signature is the hand scribed signature of the signer on the document typically using an ink pen of some appropriate type. Wet-ink signatures are normally used on the original copy of the document, or on multiple original copies when multiple originals are required.

Copied signature: A copied signature is a reproduction of the signature which results from photocopying, blueprinting, or digital scanning the original document which bears a wet-ink signature.

Digital signature: A digital signature is an electronic image of the signer's signature which is encoded with the electronic document in such a way that if the electronic document file is altered in any way, the digital signature is invalidated.

SECURITY OF SEALED DOCUMENTS

Security concerns might consist of possible altering of sealed documents by unauthorized parties as well as forgery of the seal and signature. In the past, best business practice has been for the technical professional to keep an original copy of the signed and sealed document on file. In some cases, the project owner may also require an original copy of the signed and sealed document for the owner's file. Digital signature technology may also be used to enhance security of signed and sealed documents that are delivered as electronic files.

in the other professions involved in the project, it is recommended that the licensee in responsible charge of each profession certify and seal the first page of that section of the specification. Finally, since it is common for portions of the specifications to be extracted from the specifications book and transmitted to specific interested parties during the bidding and construction process, it is recommended that consideration be given to using either a header or a footer on each page, as appropriate, to provide basic identification and contact information. At a minimum, it is recommended that consideration be given to including the following in said header or footer: project number, name and location plus "Prepared By" information as described above. With the header or footer, if any page(s) are extracted from the entire document, it will always be possible to identify the source document from which that portion was extracted as well as contact information for the licensee preparing that portion of the specification.

Report documents: Report documents are often prepared for studies or preliminary investigations performed by technical professionals. It is recommended that the title page or other appropriate page contain a certification statement stipulating the licensee(s) in responsible charge of the entire document. If there is concern that portions of the report may be extracted from the report book and transmitted to specific interested parties, then it is recommended that consideration be given to using either a header or a footer on each page, as appropriate, to provide basic identification and contact information. At a minimum, it is recommended that consideration be given to including the following in said header or footer: report name and location plus "Prepared By" information as described above. With the header or footer, if any page(s) are extracted from the report document, it will always be possible to identify the source document from which that portion was extracted as well as contact information for the licensee who prepared the report.

Record plans: Record plans (sometimes also referred to as as-built drawings) are often prepared by the technical professional after construction of the project has been completed. It is recommended that a disclaimer statement be used describing the source and accuracy of the record information. Record plans are not normally signed and sealed, unless specifically required by the Owner.

Shop drawings: Generally speaking, shop drawings are not required to be sealed. However, if the person preparing the shop drawing is a licensed technical professional, then it would be appropriate for said person to seal the shop drawing. Also, if the specifications specifically require that a shop drawing be prepared by a licensed technical professional, then the shop drawing should be sealed and signed by the licensed technical professional who is in responsible charge of the preparation of the shop drawing.

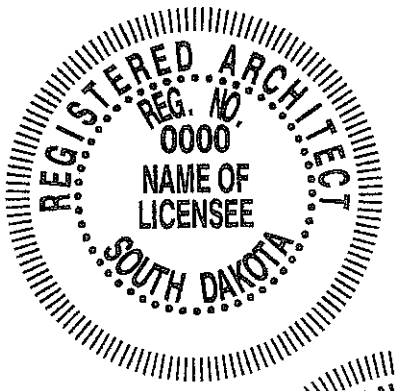
Survey plats and other recordable survey documents: Single sheet survey plats will normally contain the surveyor's certification which is signed, dated and sealed by the licensed land surveyor, as well as the prepared by information required for recording. It is recommended that multiple sheet survey plats contain the title of the plat along with Sheet # of # Sheets and the prepared by information required for recording on each sheet of the plat and that multiple sheet plats then be signed, dated and sealed by the licensed land surveyor in the surveyor's certification only. Other recordable documents, such as easement exhibits and certified corner records, are normally sealed on each sheet.

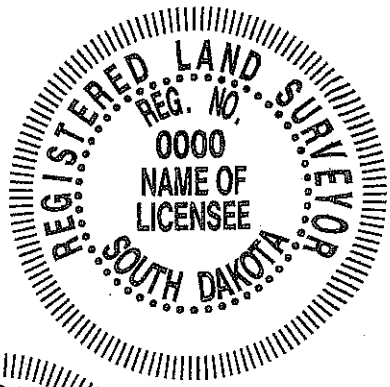
APPENDIX A

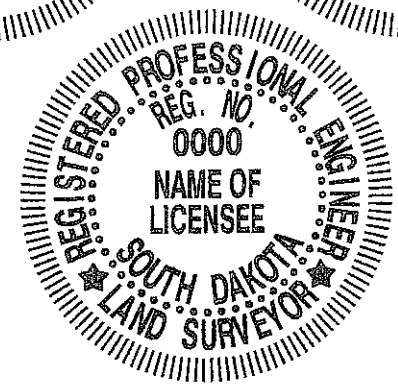
EXAMPLES OF SEALS

(refer to SDCL 36-18A-44 for specifications and allowable variations)

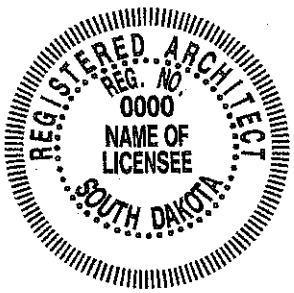
Large-size seal (2.0" OD, 1.25" ID): The large-size seal is most appropriate for larger sheets (i.e. 22"x34" or larger), which typically have room for the 2" OD seal and which sheets may possibly be printed at reduced scale (up to half size reduction) at some later time.

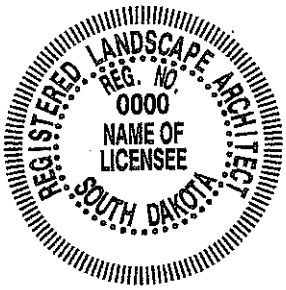




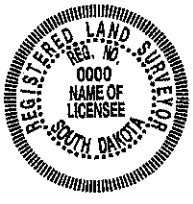


Mid-size seal (1.5" OD, 0.94" ID): The mid-size seal is appropriate for general use on all documents, as long as the sheet size will most likely never be reduced or will not be reduced by more than two-thirds of the original size causing the seal size to be less than 1" OD on the reduction.





Small-size seal (1.0" OD, 0.63" ID): The small-size seal is the smallest seal size which is deemed to remain legible to the naked eye. This size is appropriate for small size documents generally ranging in size from 8.5"x11" to 11"x17", as long as the original sheet size will likely never be reduced.



APPENDIX B
EXAMPLES OF CERTIFICATIONS

The following certifications are provided as examples only. The wording of certifications may be adjusted to fit the purpose of the document and the intent of the licensee in certifying, sealing, signing, and dating the document. Since such certifications have possible legal impacts as part of the sealing and signing process, licensees may choose at their own discretion to seek legal counsel on the wording of certifications which they are signing and sealing.

General Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct personal supervision and that I am a duly Registered *(insert title of profession)* under of the laws of the State of South Dakota.
(this certification is then followed by typed name of licensee and Reg. No., signed, dated, and sealed)

Prime Professional Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct personal supervision and that I am a duly Registered *(insert title of profession)* under of the laws of the State of South Dakota serving as the prime professional in responsible charge for coordinating all professional activities related to this project.
(this certification is then followed by typed name of licensee and Reg. No., signed, dated, and sealed)

Certification for a section of plans (multi-profession projects)

I hereby certify that this *(insert title)* section of these plans was prepared by me or under my direct personal supervision and that I am a duly Registered *(insert title of profession)* under of the laws of the State of South Dakota. The plan sheets covered by this certification include *(insert list of sheet numbers or refer to an index of sheets printed above or near the certification).*
(this certification is then followed by typed name of licensee and Reg. No., signed, dated, and sealed)

Surveyor Certification on a recorded subdivision plat

I, *(insert name)*, a Registered Land Surveyor of the State of South Dakota, do hereby certify that I did on or before *(insert date)*, survey a portion of the parcel of land described as "*(insert legal description)*" and platted the same into *(insert description of parcels created)* with the area and dimensions shown on the plat along with the street right-of-way also shown on the plat. The same shall hereafter be known and described as "*(insert legal description for the platted subdivision)*", containing ?.?? acres in the ?? lots shown on the plat and ?.?? acres in street right-of-way. I further certify that the above described property was surveyed by me or under my direct personal supervision, that the above plat correctly represents the same to the best of my knowledge and belief, and that this survey was performed at the request and under the direction of the Owner for the purpose of transfer.
(this certification is then followed by typed name of licensee and Reg. No., signed and sealed)

Note: Land surveyors should consult with specifications for plats and certifications by the surveyor, property owner, and approving agencies which may be contained within subdivision ordinances or other requirements of the jurisdiction within which the property being platted is located.

AN ACT

ENTITLED, An Act to revise signature and seal requirements for the Board of Technical Professions.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF SOUTH DAKOTA:

Section 1. That § 36-18A-44 be amended to read:

36-18A-44. Any licensed professional engineer, architect, land surveyor, and landscape architect shall use an appropriate seal. The seal shall contain the following information:

(1) The name, South Dakota;

(2) Licensee's name;

(3) License number; and

(4) The appropriate title or combination of titles: Professional Engineer, Architect, Land Surveyor, Landscape Architect.

The seal shall be legible and shall have an outer circle with a diameter measuring at least one inch and no greater than two inches and an inner circle with a diameter measuring five-eighths of the diameter of the outer circle. Titles may be prefixed with the words, Licensed or Registered. The seal may be an embossed seal, a rubber stamp, a computer-generated seal, or other facsimile found acceptable to the board. The licensee's signature and the date shall be adjacent to or across the seal. Petroleum release assessors and remediators, or interns, may not use a seal.

Section 2. That § 36-18A-45 be amended to read:

36-18A-45. The application of the licensee's seal and signature and the date constitutes certification that the work on which it was applied was done by the licensee or under the licensee's responsible charge. The seal, signature, and date shall be placed in such a manner that can be legibly reproduced on the following:

(1) All originals, copies, tracings, electronic submittals, or other reproductions of all final

drawings, specifications, reports, plats, plans, land surveys, design information, and calculations prepared by the licensee or under the licensee's responsible charge when presented to a client or any public or governmental agency. A licensee may not review or check technical submissions of another licensed professional or unlicensed person and seal the documents as the licensee's own work;

(2) Preliminary work shall contain a note that the submittal is Not for Construction, Preliminary, or other such explanation that it is not final; and

(3) In the case of documents for projects which involve multiple licensees of more than one technical profession, the title or index sheet shall be sealed, signed, and dated by the prime professional in responsible charge of coordinating the various technical professions involved in the project. In addition, each sheet shall be sealed, signed, and dated by the licensee or licensees who prepared or who are in responsible charge of that sheet.

Section 3. That § 36-18A-45.1 be amended to read:

36-18A-45.1. Each drawing, report, or document that is signed and sealed using a digital signature shall have an electronic authentication process attached to or logically associated with the electronic document. The licensee's use of a digital signature is optional and, if used, shall be:

(1) Unique to the licensee;

(2) Capable of verification;

(3) Under the sole control of the licensee using it; and

(4) Linked to a document in such a manner that the digital signature is invalidated if any data in the document is changed.

A digital signature that uses a process approved by the board is presumed to meet the criteria provided in this section. Any hard copy printed from the transmitted electronic file shall bear the facsimile of the signature and seal and shall be a confirmation that the electronic file was not altered

after the initial digital signing of the file. Any alterations to the file shall cause the facsimile of the signature to be voided.

An Act to revise signature and seal requirements for the Board of Technical Professions.

I certify that the attached Act originated in the

SENATE as Bill No. 40

_____
Secretary of the Senate

_____
President of the Senate

Attest:

_____
Secretary of the Senate

_____
Speaker of the House

Attest:

_____
Chief Clerk

Senate Bill No. 40
File No. ____
Chapter No. _____

Received at this Executive Office this _____ day of _____,

20____ at _____ M.

By _____
for the Governor

The attached Act is hereby approved this _____ day of _____, A.D., 20___

_____
Governor

STATE OF SOUTH DAKOTA,
ss.
Office of the Secretary of State

Filed _____, 20___
at _____ o'clock __ M.

_____
Secretary of State

By _____
Asst. Secretary of State

AN ACT

ENTITLED, An Act to revise certain provisions related to the Board of Technical Professions.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF SOUTH DAKOTA:

Section 1. That § 36-18A-4 be amended to read:

36-18A-4. For the purposes of this chapter, the term, practice of land surveying, means the practice or offering to practice professional services such as consultation, investigation, testimony evaluation, land-use studies, planning, mapping, assembling, interpreting reliable scientific measurements and information relative to the location, size, shape, or physical features of the earth, improvements on the earth, the space above the earth, or any part of the earth, and utilization and development of these facts and interpretation into an orderly survey map, plan, report, description, or project.

The practice of land surveying includes any of the following:

(1) Locates, relocates, establishes, reestablishes, lays out, or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment, or elevation of any of the fixed works embraced within the practice of land surveying;

(2) Makes any survey for the subdivision of any tract of land;

(3) Determines, by the use of principles of land surveying, the position for any survey monument or reference point; or sets, resets, or replaces any such monument or reference point;

(4) Determines the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface by measuring lines and angles and applying the principles of mathematics;

(5) Geodetic surveying which includes surveying for determination of the size and shape of the earth utilizing angular and linear measurements through spatially oriented spherical

geometry; or

(6) Creates, prepares, or modifies electronic or computerized data, including land formation systems and geographic information systems, relative to the performance of the activities in subdivisions (1) to (5), inclusive, of this section.

Section 2. That § 36-18A-5 be amended to read:

36-18A-5. For the purposes of this chapter, the term, practice of landscape architecture, means the practice or offering to practice landscape architecture projects, including preparing preliminary studies, providing land-use studies, developing design concepts, planning for the relationships of physical improvements and intended uses of the site, establishing form and aesthetic elements, analyzing and providing for life safety requirements, developing those construction details on the site which are exclusive of any building or structure and do not require the seal of an engineer or architect, preparing and coordinating technical submissions, and conducting site observation of landscape architecture projects.

Landscape architecture, for the purposes of landscape preservation, development, and enhancement, includes: investigation, selection, and allocation of land and water resources for appropriate use; feasibility studies; formulation of graphic and written criteria to govern the planning and design of land construction programs; preparation, review, and analysis of master plans for land use and development; production of overall site plans, landscape grading and landscape drainage plans, irrigation plans, planting plans, and construction details; specifications; cost estimates and reports for land development; collaboration in design of roads, bridges, and structures with respect to the functional and aesthetic requirements of the areas on which they are to be placed; negotiation and arrangement for execution of land area projects; field observation and inspection of land area construction, restoration, and maintenance.

Section 3. That § 36-18A-9 be amended to read:

36-18A-9. This chapter does not apply to:

(1) Any person engaged in military engineering while rendering service exclusively for any of the armed forces of the United States or this state;

(2) Any person engaged in the practice of engineering, architecture, landscape architecture, or land surveying in the employ of the United States government but only while exclusively engaged as a United States government employee on such government project or projects which lie within federally-owned land;

(3) Any person engaged in the practice of engineering, architecture, landscape architecture, or land surveying in the employ of the state and any of its political subdivisions but only while rendering service exclusively to such employer. Any building project resulting from the practice of engineering, architecture, landscape architecture, or land surveying under this subdivision is subject to the size limitation imposed under the exemptions in subdivision (8) of this section;

(4) Any employee who prepares technical submissions or administers construction contracts for a person or organization lawfully engaged in the practice of engineering, architecture, landscape architecture, or land surveying, if the employee is under the direct supervision of a registered professional engineer, architect, landscape architect, or land surveyor;

(5) Any full-time employee of a corporation, partnership, firm, business entity, or public utility while exclusively doing work for the corporation, partnership, firm, business entity, or public utility, if the work performed is in connection with the property, products, and services utilized by the employer and not for any corporation, partnership, firm, or business entity practicing or offering to practice architectural, engineering, landscape architecture, or land surveying services to the public. The provisions of this subdivision do not apply to any building or structure if the primary use is occupancy by the public;

(6) Any person engaged in the preparation of plans and specifications for the erection, enlargement, or alteration of any of the following buildings:

(a) Any dwelling for a single family, and any outbuilding in connection therewith, such as a barn or private garage;

(b) Any two, three, or four family dwelling;

(c) Any five to sixteen family dwelling, inclusive, located in a governmental subdivision of this state which provides a detailed building code review of building projects by a building inspection department which is a governmental member of the International Code Council (ICC) or an ICC certified plans examiner;

(d) Any farm or ranch building or accessory thereto except any building regularly used for public purposes; or

(e) Any temporary building or shed used exclusively for construction purposes, not exceeding two stories in height, and not used for living quarters;

(7) Any person who prepares detailed or shop plans required to be furnished by a contractor to a registered professional engineer or architect, and any construction superintendent supervising the execution of work designed by an architect or professional engineer registered in accordance with this chapter;

(8) Any person engaged in the preparation of plans and specifications for the new construction, the enlargement or the alteration of any of the following buildings:

(a) Any building occupied as a hospital, hotel, motel, restaurant, library, medical office, nursing facility, assisted living facility, jail, retirement home, or mortuary, if the gross square footage of the new construction, the enlargement, or the alteration is four thousand square feet or less;

(b) Any building occupied as an auditorium, church, school, or theater if the gross

square footage of the new construction, the enlargement, or the alteration is five thousand square feet or less;

(c) Any building occupied as a bowling alley, office, shopping center, bank, fire station, service station, or store if the gross square footage of the new construction, the enlargement, or the alteration is seven thousand square feet or less;

(d) Any building occupied as an industrial plant or public garage if the gross square footage of the new construction, the enlargement, or the alteration is eleven thousand square feet or less;

(e) Any building occupied as a warehouse if the gross square footage of the new construction, the enlargement, or the alteration is twenty thousand square feet or less;

(f) Any building with an occupancy other than those listed in subsections (a) to (e), inclusive, of this subdivision if the gross square footage of the new construction, the enlargement, or the alteration is four thousand square feet of less; or

(g) Any preengineered or predesigned building, or any preengineered or predesigned building with a predesigned system, designed for the intended use of that building, including building structure, electrical, plumbing, and mechanical systems, if the buildings and systems are supplied directly, or indirectly, by a company engaged in the business of designing and supply such buildings and systems and if the company has in its employ one or more engineers or architects licensed in South Dakota, who prepare all designs for such buildings and systems.

No person exempted may use the title of professional engineer, architect, landscape architect, or land surveyor, or any other word, words, letters, or signs in connection with the person's name that may falsely convey the impression that the person is a licensed professional engineer, architect,

landscape architect, or land surveyor.

Section 4. That § 36-18A-37 be amended to read:

36-18A-37. The license shall be displayed in a conspicuous place in the licensee's principal office, place of business, or place of employment within the state. A duplicate license to replace a lost, destroyed, or mutilated license shall be issued upon payment of a fee established by the board pursuant to chapter 1-26.

Section 5. That § 36-18A-46 be amended to read:

36-18A-46. No person other than an architect may provide construction administration services on an architecture portion of a project that is not exempt pursuant to § 36-18A-2. No person other than a professional engineer may provide construction administration services on an engineering portion of a project that is not exempt pursuant to § 36-18A-3. The architect or professional engineer of record, or another designated architect or professional engineer without conflict of interest, shall provide a written report of observed deficiencies or variations from the submitted plans and specifications to the building official, owner, and builder before project completion. The board may promulgate rules pursuant to chapter 1-26 to establish construction administration services criteria including coordinating and prime professional criteria for persons licensed by the board.

Section 6. That § 36-18A-46.1 be amended to read:

36-18A-46.1. If a licensee in responsible charge of the work is unavailable to complete the work, a successor licensee may take responsible charge by performing all professional services to include developing a complete design file with work or design criteria, calculations, code research, and any necessary and appropriate changes to the work. The nonprofessional services, such as drafting, need not be redone by the successor licensee but shall clearly and accurately reflect the successor licensee's work. The burden is on the successor licensee to show compliance. The successor licensee shall sign, date, and seal all original documents. The successor licensee shall have control of and

responsibility for the work product and the signed and sealed originals of all documents.

An Act to revise certain provisions related to the Board of Technical Professions.

I certify that the attached Act originated in the

SENATE as Bill No. 41

_____
Secretary of the Senate

_____
President of the Senate

Attest:

_____
Secretary of the Senate

_____
Speaker of the House

Attest:

_____
Chief Clerk

Senate Bill No. 41
File No. ____
Chapter No. _____

Received at this Executive Office this _____ day of _____,

20____ at _____ M.

By _____
for the Governor

The attached Act is hereby approved this _____ day of _____, A.D., 20___

_____
Governor

STATE OF SOUTH DAKOTA,
ss.
Office of the Secretary of State

Filed _____, 20___
at _____ o'clock __ M.

_____
Secretary of State

By _____
Asst. Secretary of State

NCARB

CEO UPDATE

January 2016

CEO ON THE ROAD

- **San Francisco, CA:** MBE Engagement Meeting (January 15-16)
- **Phoenix, AZ:** ICOR and Committee Summit (January 27-31)

Dear Colleagues,

The work of our volunteers in Phoenix at the Committee Summit has delivered a full menu of proposed resolutions for further discussion in the coming months. The next step is for draft language to be reviewed by the Board of Directors in February, followed by issuing drafts and supporting language to Member Boards. The March Regional Summit in Savannah, GA, will provide multiple opportunities for discussion between Member Board Members and NCARB leadership on the content and merits of these proposed resolutions.

The subjects for proposed resolution votes at the June Annual Business Meeting run the gamut from revising the Certification Guidelines to streamline the path for alternative compliance with education requirements, currently known as the Broadly Experienced Architect (BEA) Program; to a new Mutual Recognition Arrangement with Australia and New Zealand; Model Law adjustments to the criteria for Health, Safety, Welfare courses in continuing education; allowing pre-graduation ARE access to participants in "Integrated Path" programs; and housekeeping amendments reflecting the streamlined/ overhauled/re-named Architectural Experience Program and the upcoming debut of ARE 5.0.

It is rewarding to see the commitment of our volunteers, the passion they carry for effective regulation, and the sense of teamwork that permeates our efforts. This is a great way to start the calendar year and enter into the last half of our fiscal year. From feedback to the Board through comment periods and now through the coming dialogue on resolutions, the conversation remains vibrant and healthy.

Best wishes for productive days ahead,

Mike

Mike Armstrong

Agenda Item 6d

- **SOCIAL MEDIA MILESTONES (DEC):**
- **Percent change in followers:**

Twitter	**1%**
Facebook	**3%**
Linkedin Group	**0%**
LinkedIn Page	**6%**
Instagram	**5%**
Youtube	**6%**
ARE 4.0 Community	**10%**

MOST POPULAR FACEBOOK POST

- This June, the program designed to guide aspiring architects through the early stages of their career will be renamed the Architectural Experience Program (AXP).

Likes: 339 **Comments:** 53
Shares: 86 **Reach:** 18,136

RECENT NEWS

- NCARB to Rename the Intern Development Program

BLOG

- Architect Spotlight: Mary Melissa Yohn
- 6 Tips to Pass the ARE in 2016
- An Inside Look at the New IDP: Project Management
- Transforming the Martin Luther King Jr. Memorial Library
- 10 Architecture Documentaries to Watch in 2016
- Architecture Firms Evolve as Champions of Integrated Design Thinking

STRATEGIC PLAN

The metrics regarding our program engagement demonstrate that participation remains high in all areas, reinforcing our commitment to facilitation of licensure. The menu of proposed resolutions coming out of the Committee Summit include several items that further the focus on facilitation, ranging from new international agreements to streamlining existing programs.

Fostering collaboration includes effective implementation on our commitments. The Board's commitment to implement the recommendations of the 2014 Future Title Task Force included a sunset strategy for action. The Board's vote to retitle the Intern Development Program (IDP) to the Architectural Experience Program (AXP), effective late June 2016, addresses this goal. On another front, the continued effort to solicit feedback from Member Boards fosters our internal collaboration: comment regarding a proposed change to the *Education Guidelines* informed the Board's vote in Phoenix at the close of the Committee Summit. Member Board comment regarding the e-portfolio alternative to satisfying experience requirements brought about additional adjustments to the proposal before being finalized by the Board in December. And the revised proposal to streamline the BEA is a direct result of comment following the voting at last June's Annual Business Meeting, as well as regrouping with key stakeholders with deep involvement in the BEA process.

Our collaborative efforts have extended to supporting the efforts of the Federation of Associations of Regulatory Boards (FARB) to evolve into an advocacy organization promoting the value of sensible regulation of licensed professionals. NCARB's Chief Operating Officer Mary de Sousa currently chairs the FARB Board of Directors, and through her efforts NCARB has provided resources to support a stronger FARB voice. In this era of Supreme Court review, political discourse, and challenges to state policies and procedures, such an investment is necessary and will benefit the public.

Our goal of centralizing credentialing data continues to inform national conversations regarding equity and diversity in the profession. NCARB data has been referenced in the context of new efforts to determine impediments and tipping points in the licensure path, which may be due to cultural or other non-regulatory factors. As we work to turn our *NCARB by the Numbers* data collection and analysis into an ongoing rather than static activity, with jurisdiction-specific data dashboards, the conversation about regulation and the profession will become smarter and better-informed.

@kjsingh3
So long IDP and intern... AXP another positive change for the profession. #architecture #AXP

Directorate Highlights

ADMINISTRATION

- Kicked off development of the Fiscal Year 2017 budget and long-range planning forecast. The CEO, treasurer, and president-elect will review in late March. The Executive Committee and Board of Directors will review for feedback in April. The final budget will be approved at the post-annual Board meeting in June.
- Seeking to fill several vacancies in the Customer Relations and the Marketing & Communications Directorates. To view or share NCARB's job opportunities, visit http://ncarb.applybyweb.com.
- NCARB brand ambassadors are employees who volunteer to serve in an additional capacity to keep staff focused on NCARB's Corporate Values of "Open, Responsive, and Restless," as well as our Single Organizing Idea of "Let's Go Further!" Most recently, the 2015 brand ambassadors and newly seated 2016 ambassadors partnered to lead staff through three successful Innovation Workshops. The workshops delivered some great ideas on how NCARB can improve and enhance its customer and member touch points, and deliver positive experiences inspired by "Let's Go Further!" and Corporate Values.

@DavidColeAIA
Officially NCARB Certified! That's five more letters after my name on my LinkedIn profile!

COUNCIL RELATIONS

- Attended the Arizona State Board of Technical Registration Meeting.
- Finalized preparations for the 2016 Committee Summit in Phoenix, AZ.
- Fifteen Member Board Executives attended the first of three MBE engagements sessions, facilitated by MBE Director Kingsley Glasgow.
- Distributed call for applicants for FY17 NCARB committees.
- Conducted line-by-line review of Virginia Board regulations and recommended changes that would align with *NCARB Model Law/Model Regulations.*
- Recommended changes to proposed regulations in Oregon.
- Reviewed statutes and regulations in South Carolina and Iowa and recommended language that would allow for implementation of the Integrated Path to Architectural Licensure (IPAL).
- Distributed the 2015 Survey of Registered Architects to Member Board Executives to determine the number of licensees in each jurisdiction as of end of calendar year 2015.
- Completed research on terms and term limits for all Member Boards.
- Stay tuned for distribution of the 2016 Member Board Survey in early February. This is a tool we use to measure how we are doing with the products and services provided to Member Boards.

EXAMINATION

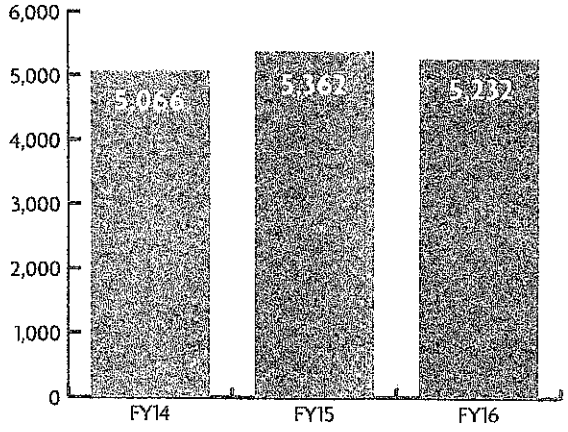
- Began phase two refinements to ARE 5.0 systems in support of the next round of planned testing in March.
- Attended a national technology conference with the IS Directorate to investigate how emerging technology will provide NCARB opportunities to develop and deliver a more effective and efficient national licensure examination.
- ARE 4.0 Item Writing Subcommittee completed final review and approval of updated examination forms for release this summer. The current version of the ARE will continue to be delivered through June 2018.

Directorate Highlights

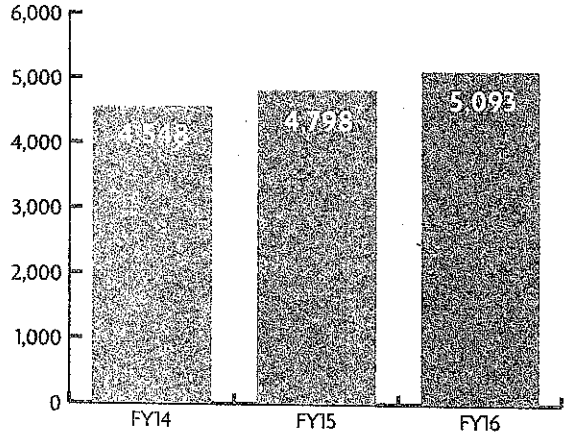
CUSTOMER RELATIONS

- Implementing a new telephone survey to gather customer satisfaction feedback and details from incoming callers to enhance team training and customer service.
- With Experience + Education, conducted a training call with one Member Board. The engagement helped new board staff understand processes and clarified specific candidate issues. Customer Relations coordinated inquiries related to the management and handling of licensure candidate and architect data, and transfers to Member Boards. As part of its role, the Customer Relations team is prepared to help with onboarding of new Member Board staff.

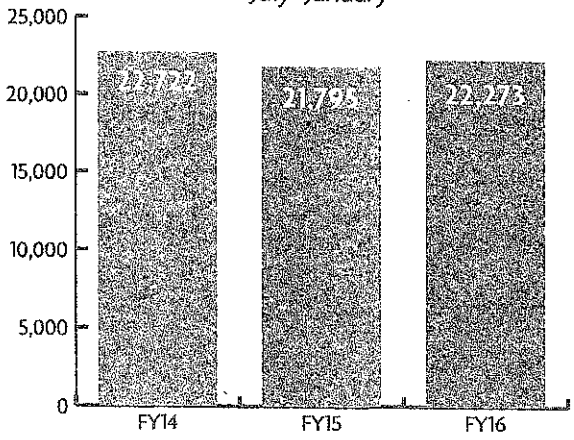
Intern Applications
July–January



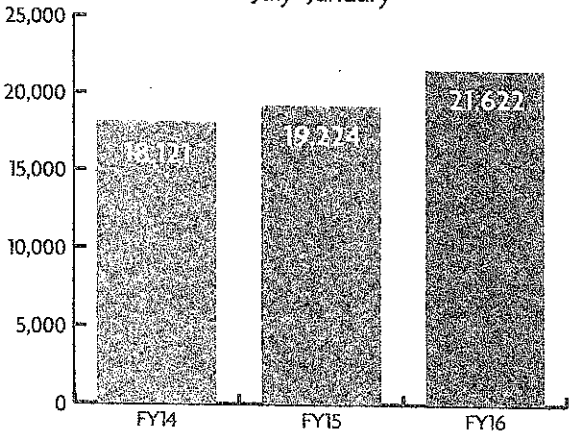
Reciprocity Transmittals
July–January



NCARB Record
Renewals Architects
July–January



NCARB Record
Renewals Interns
July–January



@AIASFORUM
"Part of leadership is moving forward, + never letting the status quo stay the way it is." -@NCARB 's Dennis Ward #aiasfrm15

Directorate Highlights

EXPERIENCE + EDUCATION

- Released 2016 Request for Proposals to schools of architecture that may be interested in developing an option for their students to participate in NCARB's Integrated Path to Architectural Licensure. Proposals are due April 7, 2016.
- Facilitated the second in a series of architect licensing advisor webcasts. These webcasts are held monthly to provide focused information on our programs and to help prepare advisors to assist their constituents.
- Released newest mini-monograph, Professional Conduct Part V: Conflicts of Interest. The Mini-Monograph Series is free for NCARB Certificate holders and aspiring architects with an active NCARB Record.
- Partnered with Marketing & Communications to release the new name of NCARB's experience program: Architectural Experience Program (AXP). The new name will be effective on June 29, 2016 with the release of the 2016 *AXP Guidelines.*
- Council Outreach:
  - January
    - Universities: Arizona State University, Frank Lloyd Wright School of Architecture, University of Arizona
    - Webinars: AIA Honolulu, Architect Licensing Advisors: Experience Settings
    - AIA Components: AIA Northern Virginia, AIA Phoenix
    - Member Board visits: Arizona
  - Upcoming in February
    - Universities: Morgan State University, Keene State College, Norwich University, Syracuse University, University of Maryland, California Baptist University, University of California Los Angeles, Woodbury University, Southern California Institute of Architecture, University of Texas San Antonio, University of Texas Austin, University of Detroit Mercy, Lawrence Technological University, University of Arkansas, Drury University, Virginia Tech Career Day & Design Expo
    - Webinars: University of Oregon, Architect Licensing Advisors: ARE 5.0
    - AIA Components: AIA Central New York, AIA Los Angeles, AIA San Antonio, AIA Austin
    - Conferences: Louisiana Licensure Forum, AIA Grassroots
    - Member Board visits: Vermont, New Hampshire, Florida, Texas

INFORMATION SYSTEMS (IS)

- Celebrated the decommissioning of 20-year-old legacy systems.
- Development continues on ARE 5.0 to support the pilot testing phase in March.

@nickcaravella
Thanks @NCARB I was feeling a little more like an architect today #passed #buildingsystems only 4 more to go! #AssocAIA

Directorate Highlights

MARKETING & COMMUNICATIONS

- Distributed third issue of Destination Architect, NCARB's bi-monthly newsletter for aspiring architects.
- Developed IPAL accepted seal and official supporting text, which will be provided to participating schools for their marketing efforts.
- Distributed press release announcing the renaming of the Intern Development Program (IDP) to the Architectural Experience Program (AXP).
- Supported Customer Relations with the development of their new customer service phone survey.
- With Information Systems and other directorates, began development on the 2016 *NCARB by the Numbers.*

@CAArchitectsBd
Good morning! Reviewing NCARB resolutions on reciprocity, military service, Integrated degrees

Patterson, Kathryn

From: NCARB <customerservice@ncarb.org>
Sent: Friday, February 05, 2016 6:09 AM
To: DLR SDBTP
Subject: National Architect: Innovative Ways to Drive Up Billings

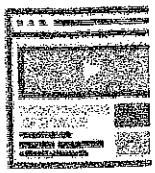
JAN - FEB 2016

NATIONAL ARCHITECT

A bimonthly newsletter for NCARB Certificate holders—a benefit highlighting the latest news and resources for architects.

Architecture Firms Evolve as Champions of Integrated Design Thinking

Adopting a multidisciplinary approach to design can help firms discover new ways to helps clients succeed—and drive up billings.

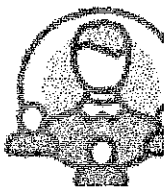


Transforming the Martin Luther King Jr. Library

Get a sneak peak of what's to come for the renovation of the Mies van der Rohe designed MLK library in downtown Washington, DC.

10 Architecture Documentaries to Watch in 2016

Grab some popcorn and unwind with one of these inspiring architectural films.

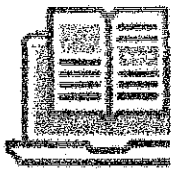


Supervisor's Corner

Are you an IDP supervisor or mentor?

Help your aspiring architects prepare for the overhaul of IDP with our monthly blog series on the new experience areas:

- Practice Management
- Project Management



Free Continuing Education

Earning continuing education hours (CEH) has never been easier, thanks to NCARB's online **Mini-Monograph Series**—free for Certificate holders! Here's a sample of our latest releases:

- Professional Conduct Part V: Conflicts of Interest
- Professional Conduct Part IV: Honesty

Recent News

NCARB to Rename the Intern Development Program

NCARB Offers Free Continuing Education Opportunities to Customers

National Council of Architectural Registration Boards
1801 K Street NW Suite 700K
Washington, DC 20006

Patterson, Kathryn

From: NCEES <noreply=ncees.org@cmail20.com> on behalf of NCEES <noreply@ncees.org>
Sent: Thursday, February 04, 2016 12:25 PM
To: Patterson, Kathryn
Subject: Proposed changes to NCEES Bylaws

Dear Member Board Members and Associate Members,

The proposed changes to the *Bylaws* have been posted as a PDF on MyNCEES under Board Resources/Publications/2016 Bylaws proposed changes.

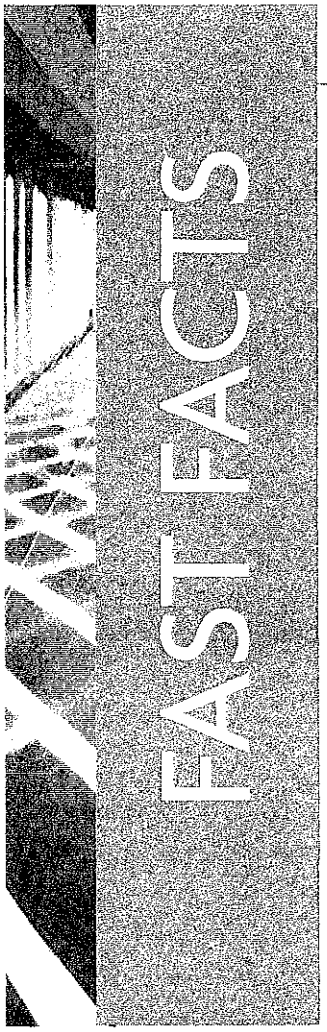
The Special Committee on Bylaws will propose these changes as motions at the 2016 annual meeting in August. This email serves as notice of proposed changes in accordance with *Bylaws* Section 12.02. Please take some time to review the revisions.

Committee members or designated NCEES staff will make presentations at each zone meeting.

Sincerely,

Nancy Gavlin, P.E., S.E.
Chair
Special Committee on Bylaws

Unsubscribe from future NCEES correspondence.



NCARB

Celebrating over 90 years of protecting the health, safety, and welfare of the public.

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Suite 700K
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202/733-6500
www.ncarb.org

The Evolution of the Path to Licensure—Past, Present, and Future

Traditional Path to Licensure

To become licensed, aspiring architects are required to document completion of the "three Es:" education, experience, and examination. Historically, this path has been linear, requiring candidates to complete education, experience, and then examination components. Over time, this path has evolved through votes of NCARB leadership and membership.

First, by allowing enrollment in the Intern Development Program (IDP) at the point of college matriculation and later at the time of high school graduation. Next, by a resolution that gave candidates the ability to take the Architect Registration Examination® (ARE®) prior to completing the IDP. And potentially, with the implementation of the Integrated Path to Architectural Licensure (IPAL)—and a resolution to be presented in June—which would allow candidates in an approved NAAB-accredited degree program the ability to sit for the exams before graduation. The addition of educator licensing advisors as an accreditation requirement, the shortening of the ARE retake period from six months to 60 days, and increased awareness of the licensure path through outreach and a growing licensing advisor community have all contributed to advancing the progress of aspiring architects.

Early Eligibility Testing

In 2008, an NCARB resolution paved the way for a policy granting access to the exam prior to the completion of the IDP. A new section was added to the *NCARB Legislative Guidelines and Model Law/Model Regulations* stating that applicants could begin taking the ARE if they fulfilled the requirements for eligibility established in their jurisdiction and are enrolled in IDP. Although each Member Board has the autonomy to decide if they wish to adopt the model regulations and allow concurrent completion of IDP and ARE, the majority of jurisdictions allow applicants who hold a NAAB-accredited degree and are enrolled in IDP to start testing for the ARE. To date, 49 of the 54 NCARB Member Boards have adopted some form of "early eligibility."

Jurisdictional Adoption of Early Eligibility (in blue)

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Guam
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Puerto Rico
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
U.S. Virgin Islands
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming

continued on page 2

Earlier Eligibility: The Integrated Path to Architectural Licensure (IPAL)

In 2014, NCARB established a special Licensure Task Force to explore additional pathways to licensure. The distinguished group of volunteers included former and current leaders of the Council, the National Architectural Accrediting Board (NAAB), the American Institute of Architects (AIA), the Association of Colleges and Schools of Architecture (ACSA), and the American Institute of Architecture Students (AIAS), as well as aspiring architects, recently licensed architects, program deans and instructors, and jurisdictional licensing board representatives.

In 2015, a Request for Proposals was distributed to all NAAB-accredited degree programs. To date, 15 schools have been accepted into NCARB's IPAL program. These programs have proposed approaches that will result in students completing the requirements of the IDP while providing the opportunity to take each division of the ARE before graduation. Passing all ARE divisions prior to graduation is not required. Below is a list of the schools that have been accepted by NCARB:

- Boston Architectural College; Boston, Massachusetts
- Clemson University; Clemson, South Carolina
- Drexel University; Philadelphia, Pennsylvania
- Lawrence Technological University; Southfield, Michigan
- NewSchool of Architecture and Design; San Diego, California
- North Carolina State University; Raleigh, North Carolina
- Portland State University; Portland, Oregon
- Savannah College of Art and Design; Savannah, Georgia
- University of Cincinnati; Cincinnati, Ohio
- University of Detroit Mercy; Detroit, Michigan
- University of Kansas; Lawrence, Kansas
- University of North Carolina-Charlotte; Charlotte, North Carolina
- University of Southern California; Los Angeles, California
- Woodbury University; Los Angeles, California

continued on page 3

Implementation: Impact on Model Regulations
Critical to the successful implementation of these programs is the ability for students to sit for the ARE prior to completing their degree. Therefore, a resolution will be presented to add language to the *Model Law/Model Regulations* that would allow jurisdictions to implement IPAL.

Next Steps for IPAL
A new Request for Proposals for the second round of institutional participation was distributed in late January and will be repeated on an annual basis. The evaluation and selection of schools will be managed by the Integrated Path Evaluation Committee, which will include diverse geographic, age, demographic, and collateral perspectives.

For more information about pre-graduation ARE eligibility, IPAL, and the proposed updates to Model Regulation, feel free to contact the Council Relations Directorate at council-relations@ncarb.org.

Evolution of NCARB's Data Sharing Program: Our Quest for Public Data

As many of you are aware, in an effort to continuously improve our programs and services, we embarked on the ambitious endeavor to create a national registry of architects several years ago. It was our desire to lead this data sharing program, and through your contributions, establish a platform to serve as the only central repository and clearing house for architectural credential data.

Benefits of a National Registry of Architects
A national registry of licensed architects would be beneficial for all Member Boards and the public at large. This service will also enable NCARB to provide Member Boards with the following types of information to help support data-driven decisions:

- Alert notifications for licensees who receive disciplinary action in another jurisdiction.
- Personalized trends regarding the time to licensure, including the time to complete the IDP and ARE.
- Detailed licensure statistics such as the number of licensees, how long architects keep their licenses, and whether there's a correlation between license duration and disciplinary actions.
- Display of trends and detailed disciplinary data within a jurisdiction.
- A breakdown of the schools licensees graduate from.

Some of our Member Boards have expressed concerns that sharing data with NCARB may require sharing sensitive information. Other Member Boards do not have the capacity to collect data in a manner that compliments the NCARB system, or do not have access/control over some of the data sets requested by NCARB. As a result of these concerns and issues, we have received a lukewarm response to this initiative. In response to these concerns, we have decided to adjust our approach to establishing the national registry of architects.

continued on page 4

In addition to our ongoing efforts to receive data from our Member Boards, our Information Systems team has developed processes that will enable us match to records **utilizing publicly available** information. Therefore, for those unable to respond to our original data sharing request, we have been able to change our approach and would request the following information:

- Last name
- License number
- Issue date
- Expiration date
- Current status (This will help us analyze licensure throughout the state)
- Optional
    - License type: base or reciprocal
    - Address
    - Middle name or initial
    - Disciplinary actions (linked by license number)

Over the course of the next few months, we will be reaching out to each Member Board individually, where applicable, to officially ask for this publicly available information in a format that can be easily compiled by your board. If you have any questions or concerns in advance of receiving this correspondence, please do not hesitate to reach out to Guillermo Ortiz de Zarate (gortiz@ncarb.org) or Derek Haese (dhaese@ncarb.org).

REMINDER: Annual Member Board Survey

As we begin to plan for the next fiscal year, we would like your feedback on key aspects of your relationship with NCARB, including the quality of service and communications you have received over the last year. This survey was launched last year to serve as an annual "NCARB Performance Review," which will assist in allocating resources, improving services, and demonstrating accountability to our Members.

If you have not already done so, please take the time to answer this year's survey by **February 16**. Your responses will be anonymous, and will help drive improvements, new discussion, and course correction regarding our services and approaches. We will be sharing the results of the survey at the Regional Summit in March, as well as in written form to all of our Member Boards.

continued on page 5

2016 MBE Workshop and Regional Summit

When: March 10: MBE Workshop (for MBEs and legal counsel only)
March 10: New Member Board Member Orientation
March 11–12: Regional Summit

Where: Hyatt Regency Savannah
Savannah, Georgia

Registration

As a reminder, NCARB will fund up to two delegates and one Member Board Executive. In addition, there is a scholarship fund available for public members. If you have not submitted names for your funded delegates or public member, please do so ASAP. Information can be sent to Nefertari Carver (ncarver@ncarb.org).

Member Board Members who are not funded by NCARB or their region will be charged the registration fee.

2015 Year-End Review of Legislation

We are excited to share our annual Year-End Legislative Review, which is a compilation of passed and proposed legislation and regulations monitored and reported on throughout this past year. Many jurisdictions proposed and adopted legislation related to the implementation of NCARB programs, licensure for military spouses, and adjustments (often reductions) in fees collected.

NCARB January 2016 Monthly Legislative Update is Available

The January 2016 Monthly Legislative Update is available for viewing. This information allows you to review pending legislation in other jurisdictions. The January update contains bills and regulations addressing topics such as:

- Expediting reciprocal or temporary licensure for military spouses
- Potentially amending board composition
- Amending fees

In Wisconsin, there is a proposed bill that would eliminate the individual sections of the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers, and Professional Land Surveyors and reduce the membership of that board. In Delaware, licensees are now allowed to carry over up to four continuing education credits every calendar year.

Please take a few moments to view the list of bills and regulations tagged in January as well as visit the 'Legislation Tracking' library of the Registration Board Section. Please contact Council Relations (council-relations@ncarb.org) with any legislative issues you would like us to monitor and track.

continued on page 6 ▶

FY17 Committee Application

NCARB is currently seeking volunteers for service on its FY17 committees (July 1, 2016 through June 30, 2017). Please see this important message from President-elect Kristine A. Harding, NCARB, AIA, who will oversee the selection process for all committee appointments. Interested applicants should complete an application form by February 29, 2016. Please note that preliminary work will begin on the appointments in February, so you are strongly encouraged to submit your application ASAP.

Save the Date

2016 Annual Business Meeting
June 15-18
Fairmont Olympic Hotel
Seattle, Washington

Funding Opportunities for Annual Business Meeting
NCARB will continue to offer funding for Member Board Executives, as well as funding for each Member Board to send up to two delegates to the meeting. In addition, in order to maximize participation by our public members, the Board of Directors has agreed to extend the scholarship fund for public members who wish to attend the meeting. This will be a limited program with funding being made available on a first-come, first-served basis.

Details about the meeting will be released to the membership early this spring.

To view this email as a web page, go here.

COUNCIL OF LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS

Member Board E-News

February 2016

Important Dates and Reminders

- **February 22** - Region 3 webcast at 11 a.m. ET / 10 a.m. CT
- **February 23** -- Region 5 webcast at 11 a.m. PT
- **February 24** -- Region 2 webcast at 10 a.m. CT
- **February 29** -- Region 1 webcast at 1 p.m. ET
- **March 24** -- "In the Know" Webcast: Mid-Year Review
- **March 25** -- Registration closes for the April L.A.R.E. administration
- **March 29** -- "In the Know" Bonus Event: Social Media Virtual Workshop
- **April 4-16** -- April L.A.R.E. administration

Visit the CLARB website for information about Board of Directors meetings and minutes.

Help Defend Licensure by Encouraging Participation in the Task Analysis

This Spring, we will be conducting a "task analysis" of the practice of landscape architecture to ensure that what is tested on the Landscape Architectural Registration Exam (L.A.R.E.) accurately reflects the knowledge and skills required to practice as a licensed professional.

How you can help now

We need your help in reaching licensees! As we prepare to send the survey to landscape architects, we need contact information for licensees in your jurisdiction. CLARB and Professional Testing Inc., the company that conducts the survey on CLARB's behalf, will only use this contact information for the task analysis.

Please send your licensee's first names, last names and email addresses in Excel format to **Andrea Elkin** as soon as possible to ensure that your jurisdiction's voice is heard!

What to expect in March

Once the survey is open, we need your help in communicating the importance of your landscape architects participating. Prior to the survey opening, CLARB will provide your Board with messaging and information to help efficiently promote the task analysis to your licensees. Stay tuned!

How your licensees' participation helps your Board

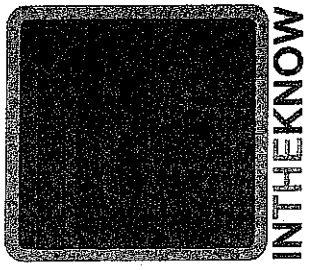
The results of this research will also be used to help define and defend the scope of work that can be performed by landscape architects at the state/province level. With the recent North Carolina

State Board of Dental Examiners v. FTC, the landscape architecture community has seen an increase in threats to licensure. By helping promote the task analysis to your licensees, you are:

- Strengthening the case for licensure: The task analysis is a defensible presentation of competencies that landscape architects rely on to protect the public's health, safety and welfare.
- Ensuring public protection: The results are critical to your Board's ability to protect and serve the public through relevant and effective regulation.
- Promoting task analysis validity: The more participants that complete the survey, the more valid the results will be.
- Ensuring that the voice of your jurisdiction's licensees is heard and reflected in what is tested on the L.A.R.E.

If you have questions about the task analysis, please contact **Andrea Elkin**.

A Look at Upcoming "In the Know" Events



February: Regional Meetings

If you missed the email about your regional meeting and how to access it, please **email Missy Sutton**.

- Region 1: Monday, February 29 at 1 p.m. ET
- Region 2: Wednesday, February 24 at 10 a.m. CT
- Region 3: Monday, February 22 at 11 a.m. ET / 10 a.m. CT
- Region 4: Tuesday, February 16 at 10 a.m. MT
- Region 5: Tuesday, February 23 at 11 a.m. PT

March 24: Mid-Year Review

Mark your calendar and plan to join CLARB leadership and staff on **Thursday, March 24 at 3:00 p.m. ET / 2:00 p.m. CT / 1:00 p.m. MT / Noon PT** for a mid-year review of CLARB's strategic and operational activities including:

- Board of Director decisions from the November 2015 and March 2016 meetings;
- Finances including the results of the 2015 audit;
- Key takeaways from the regional virtual meetings;
- A sneak peek at the Annual Meeting agenda;
- And more!

Visit the **CLARB website** for access details.

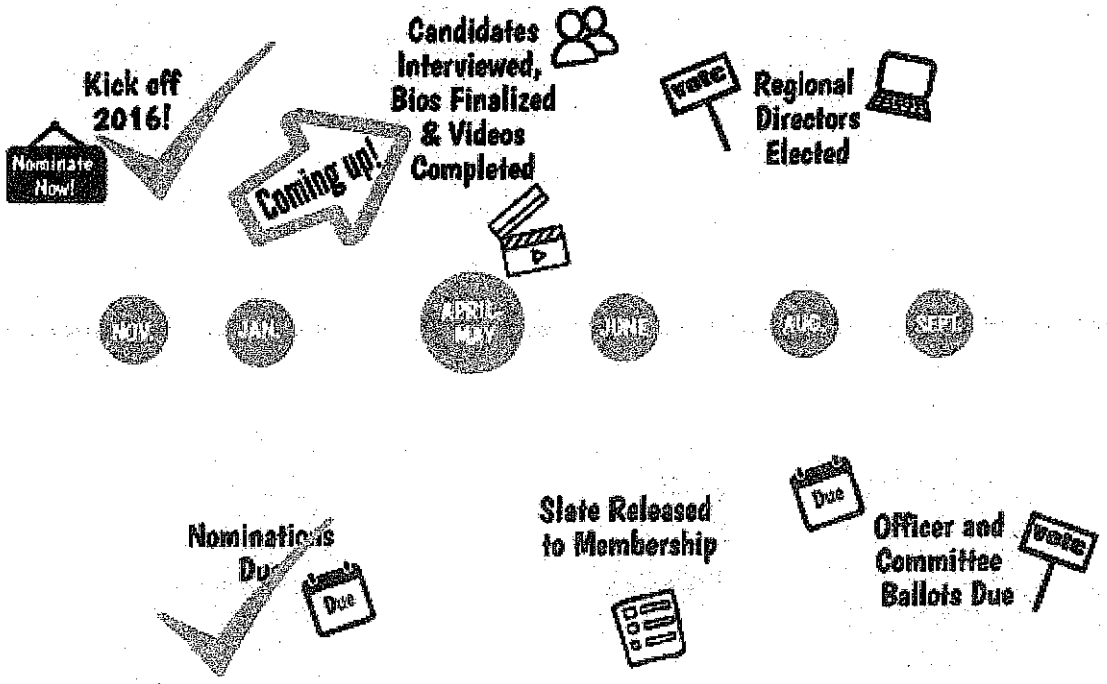
BONUS EVENT on March 29: Social Media Virtual Workshop

During the "in the know" phone conference on Tuesday, January 26, members expressed interest in learning how to use social media to enhance their boards' communications efforts. Join us on **Tuesday, March 29 at 3:00 p.m. ET / 2:00 p.m. CT / 1:00 p.m. MT / Noon PT** to learn practical tips about what your Board can share via social media (hint: it's content you already have); how to efficiently develop, implement and execute a social media plan using free tools and only a small amount of staff time; and how to evaluate and refine your efforts. Plus, you'll develop and share your social media plan for the month of April! Visit the **CLARB website** for access details.

About CLARB's "In the Know" Series

This series is designed to ensure that you are "in the know" about key issues, programs, activities and processes that are part of CLARB's work on behalf of you, our members. The events are prepared for your benefit and exclusive use and we respectfully ask that access information for these events not be shared with the public. **Visit the "in the know" archive** to access recordings and documents from previous events.

2015-2016 Nominations and Elections Timeline



Landscape Architectural Peers Continue Development of "Data Dashboard;" Regulatory Organizations Discuss Professional Ethics

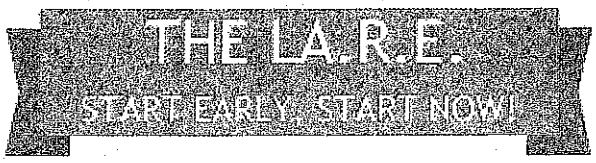
Last month, CLARB leaders met with other landscape architecture and regulatory organizations to address important issues and share relevant information for mutual benefit.

President Randy Weatherly and Chief Executive Officer Joel Albizo attended the Inter-professional Council on Regulation (ICOR), which is made up of elected and staff leaders from CLARB, NCARB and NCEES . Each group discussed strategic issues relating to stresses on professional licensure, diversity and governance as well as progress on important operational initiatives such as the evolution of exams and credential database services. It was noted that NCARB will unveil a new exam (ARE 5.0) that incorporates and enhances the innovative items pioneered by CLARB in 2012.

Randy and Joel also participated in an NCARB task force on professional ethics, where they shared the state of ethics regulation within the CLARB community based on a recent survey of MBEs, a review of the CLARB Disciplinary Database and case study provided by the Minnesota Board.

President-Elect Chris Hoffman and Senior Director of Member Engagement and Strategic Governance Veronica Meadows attended the Presidents Council meeting, which includes elected and staff leadership from ASLA, CELA, CSLA, CLARB, LAAB and LAF (see picture above). In addition to updating each other on critical organizational issues (individual and shared) the group continued important work on the development of a joint "data dashboard" to help all understand the "health" of the profession and enable each group to better think about and plan for the future. Of particular interest to CLARB and the licensure community is a better understanding of those entering the "licensure pipeline" (e.g. entering and completing landscape architecture programs).

Updated Student Presentation Available for Outreach Efforts



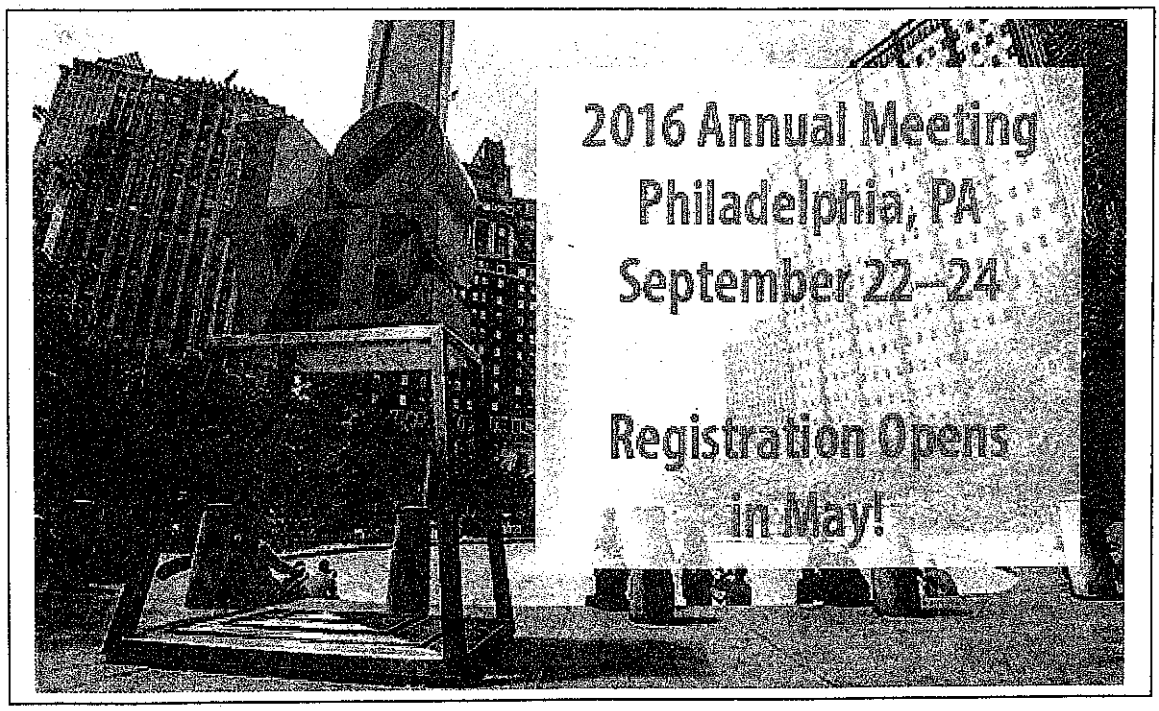
In most jurisdictions, candidates can begin the exam process immediately after graduation.

Research shows increased success on Sections 1 & 2 of the exam when taken closer to graduation.

Help your jurisdiction's candidates succeed by getting the message out that starting the exam process early results in greater success!

This month, CLARB partnered with ASLA to present to ASLA student chapter presidents. We have updated the recent student presentation to reflect commonly asked questions while still providing a concise, easy to understand presentation that explains the value of becoming licensed and starting the process as soon after graduation as possible.

If you have questions or would like more information about this presentation, please contact Missy Sutton.



This email was sent to: **Kathryn.patterson@state.sd.us**

This email was sent by: Council of Landscape Architectural Registration Boards
1840 Michael Faraday Drive, Suite 200 Reston, VA 20190 USA

Patterson, Kathryn

From: Hillegas, Kathy <KHillegas@ncarb.org>
Sent: Wednesday, February 17, 2016 3:49 PM
To: Hillegas, Kathy
Cc: Haese, Derek; Carver, Nefertari
Subject: ARE 5.0 Press Release
Attachments: ARE-5.0-Details.pdf

Importance: High

Good Afternoon Member Board Executives!

The attached press release will dropped to the architectural press tomorrow and a subsequent message containing new details related to ARE 5.0 will be distributed to all exam candidates in the next two to three days.

Please feel free to share this with your staff. As always, do not hesitate to contact me should you have any questions

Regards,

Kathy

Katherine E. Hillegas, CAE
Council Relations Director

NCARB LET'S GO FURTHER

National Council of Architectural Registration Boards
1801 K Street NW Suite 700K
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Press Release

February 18, 2016
FOR RELEASE: IMMEDIATELY

MEDIA CONTACT:
Samantha Miller
202/469-4866
smiller@ncarb.org

NCARB Releases ARE 5.0 Details and Question Type Demos

Each division of ARE 5.0 will have between 80 to 120 questions and incorporate the latest testing technology.

Washington, DC—The next version of the Architect Registration Examination® (ARE®), ARE 5.0, will include six divisions with test durations ranging between three and a half to five hours—a substantial decrease from ARE 4.0. Each division will include at least 80 questions, one to two case studies, and incorporate new testing technologies.

This news is the latest in a series of updates from the National Council of Architectural Registration Boards (NCARB), designed to prepare aspiring architects for the launch of ARE 5.0 later this year.

ARE 5.0 Question Types and Case Studies

In December 2013, NCARB announced that the exam would replace vignettes with new question types: hot spots and drag-and-place, plus the incorporation of case studies. In addition to these new testing methods, the exam will continue to use multiple choice, check-all-that-apply, and quantitative fill-in-the-blank.

"Case studies are a collection of questions that are used to assess a candidate's ability to synthesize multiple pieces of information, which is how architects solve problems on a daily basis," said NCARB Director of Examination, Jared Zurn, AIA, NCARB. "By incorporating the latest testing methods, the exam will more closely align with modern architectural practice."

To help make the transition to ARE 5.0 as smooth as possible, NCARB created a series of short videos about the new question types, available on YouTube at www.youtube.com/user/NCARBorg.

- Case Studies
- Hot Spots
- Drag-and-Place

ARE 5.0 Test Durations

With the adoption of enhanced testing technologies and a more focused content strategy, exam developers were able to shave eight hours off the current exam, saving candidates time away from work and family. ARE 5.0 will also include six individual divisions, compared to seven in ARE 4.0.

Developed by NCARB, the ARE is used to test an aspiring architect's knowledge and skills, and is required for initial licensure in all U.S. jurisdictions.

NCARB will begin the final stages of ARE 5.0 exam development and administration testing this spring, which will determine the official launch date of ARE 5.0 in late 2016. ARE 4.0 will be available until June 30, 2018.

For more information about ARE 5.0 visit www.ncarb.org/ARE5.

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Press Release

ARE 5.0 Test Durations

Division	Number of Questions	Test Duration
Practice Management	80	3 hours 30 minutes
Project Management	95	4 hours
Programming & Analysis	95	4 hours
Project Planning & Design	120	5 hours
Project Development & Documentation	120	5 hours
Construction & Evaluation	95	4 hours
Total Seat Time:		**25 hours 30 minutes**

ARE 4.0 Test Durations

Division	Number of Questions	Test Duration
Programming, Planning & Practice	85	4 hours
Site Planning & Design	65	4 hours 30 minutes
Building Design & Construction Systems	85	5 hours 30 minutes
Schematic Design	2 vignettes	6 hours
Structural Systems	125	5 hours 30 minutes
Building Systems	95	4 hours
Construction Documents & Services	100	4 hours
Total Seat Time:		**33 hours 30 minutes**

- more -

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Press Release

######

About NCARB

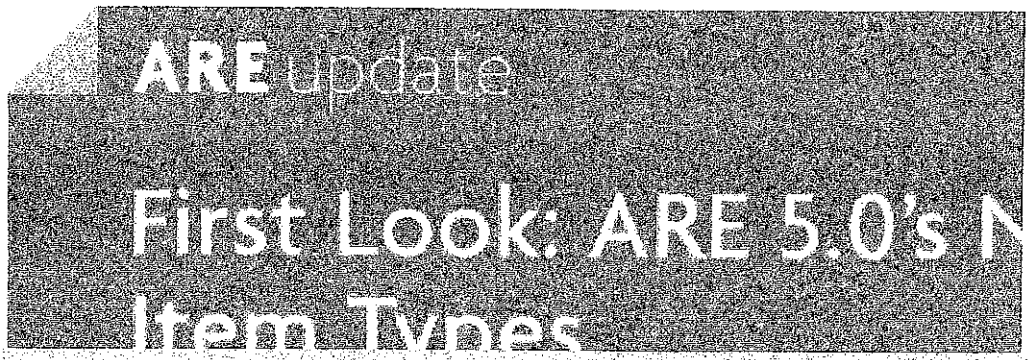
The National Council of Architectural Registration Boards' membership is made up of the architectural registration boards of all 50 states as well as those of the District of Columbia, Puerto Rico, Guam, and the U.S. Virgin Islands. NCARB assists its member registration boards in carrying out their duties and provides a certification program for individual architects.

NCARB protects the public health, safety, and welfare by leading the regulation of the practice of architecture through the development and application of standards for licensure and credentialing of architects. In order to achieve these goals, the Council develops and recommends standards to be required of an applicant for architectural registration; develops and recommends standards regulating the practice of architecture; provides to Member Boards a process for certifying the qualifications of an architect for registration; and represents the interests of Member Boards before public and private agencies. NCARB has established reciprocal registration for architects in the United States and Canada.

Visit: www.ncarb.org
Twitter: www.twitter.com/ncarb
Facebook: www.facebook.com/ncarb
YouTube: www.youtube.com/NCARBorg

Patterson, Kathryn

From: NCARB <customerservice@ncarb.org>
Sent: Thursday, February 18, 2016 12:06 PM
To: DLR SDBTP
Subject: ARE Update: ARE 5.0's New Item Types



To help you prepare for the upcoming launch of ARE 5.0, here a few updates about exam content, scheduling policies, test prep materials, and more.

Video: New Question Types and Case Studies

We will be retiring vignettes in favor of two new question types: hot spots and drag-and-place, plus the addition of case studies. Watch these short videos to learn more!

- Case Studies
- Hot Spots
- Drag-and-Place

ARE 5.0 Test Duration

Each division will include between 80 to 120 questions, with one to two case studies per exam. You will continue to schedule exams and access score reports through My Examination. Learn more about the number of questions on each division.

Important Reminders

- **Test Strategically:** Remember, ARE 4.0 will be available until June 30, 2018, so you have plenty of time to finish. If you do eventually transition, you could complete the ARE in as few as five tests. Learn more about planning your approach.
- **Use the ARE 5.0 Transition Calculato:** This interactive tool can help you develop a personalized testing strategy by showing how

4.0 divisions will be credited in ARE 5.0.

- **Join the ARE 4.0 Community:** Be sure to join the ARE 4.0 Community—a space where candidates can come together to ask questions, share best practices, and interact with our experts!

Stay Tuned

NCARB will begin the final stages of exam development and administration testing this spring, which will allow us to determine the official launch date of ARE 5.0 in late 2016. In the meantime, we're exploring exciting opportunities with test prep providers and developing a NCARB Blog series on the new divisions. Stay tuned!

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To continue receiving our emails, add us to your address book.

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Patterson, Kathryn

From: Jerry Carter <jcarter@ncees.org>
Sent: Thursday, February 25, 2016 2:18 PM
Subject: ABET EAC Criterion Changes
Attachments: Proposed Revisions to ABET Criterion 3 and 5.docx

All:

ABET is proposing revisions for EAC Criterion 3 and 5. During its meeting last week, the NCEES Board endorsed recommendations concerning these revisions as offered by NCEES Past President Dave Whitman who serves as NCEES' representative on the ABET Board. The Board has requested that each member board be made aware of the proposed revisions and of the Board's endorsement of Past President Whitman's recommendations. Attached is some background information, the recommendations of Past President Whitman and the link to the ABET Web site to provide public comment. The Board request that this information be distributed to the members of your board and that all NCEES members take advantage of this opportunity to offer a voice to ABET from the licensure community.

If there are questions or if I can provide additional information, please let me know.

Jerry

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NCEES
advancing licensure for engineers and surveyors

Proposed Revisions to ABET Criterion 3 and 5

In 1996, ABET transitioned to an outcomes-based process for the accreditation of engineering programs. EC2000 shifted the basis for accreditation from inputs (such as what is taught) to outputs (what is learned). The criteria specify 11 learning outcomes and require programs to assess and demonstrate their students' achievement in each of those areas.

At the October 2015 ABET board of delegates meeting, the Engineering Area Delegation approved revisions to General Criterion 3 (Student Outcomes) and General Criterion 5 (Curriculum) of the criteria for accrediting engineering programs. Criterion 3 contains the well-known student outcomes a–k, which are being consolidated into student outcomes 1–7. Criterion 5 sets the minimum curriculum requirements for all Engineering Accreditation Commission (EAC) programs. This would be the first significant change to general criteria for the accreditation of EAC programs since the move to the outcomes-based assessment process. The recommendation from the Engineering Area Delegation was approved for a first reading, and the proposed changes are now open for public comment. The deadline for public comment is June 30, 2016. Information concerning the proposed revisions to Criterion 3 and 5, including the rationale for the changes, can be found on the ABET website at http://www.abet.org/blog/news/abet-releases-criteria-proposal-for-public-comment/.

Any proposed changes to the criteria for the evaluation of engineering programs should be of significant interest to all NCEES member boards. The NCEES *Model Law* and most member board requirements for licensure as a professional engineer require the following:

> Graduation from an engineering program of 4 years or more accredited by the Engineering Accreditation Commission of ABET (EAC/ABET), or the equivalent, or an engineering master's program accredited by EAC/ABET

NCEES Past President David Whitman, Ph.D., P.E., serves as the NCEES representative to the ABET board. Dr. Whitman has been involved in the discussion of the proposed changes as a member of the ABET board and recently participated in a panel discussion hosted by the National Academy of Engineering (NAE) for the purpose of "fostering constructive dialogue of the ABET Engineering Accreditation Commission's proposed revisions to the General Criteria on student outcomes and curriculum (Criteria 3 and 5)."

In his presentation, Dr. Whitman expressed general support of the proposed changes but offered the following observations and suggestions in his report to the NCEES board of directors:

> It is my view that NCEES would like to see something added to **Criterion 3** that would specifically encourage institutions to expose students to professional licensure and relate the importance of taking the Fundamentals of Engineering exam during their senior year.

ABET does not define a minimum number of semester credit hours for an accredited bachelor's degree in engineering since one academic year is defined as "the lesser of 32 semester credits or one-fourth of the total credits required for graduation." As we know, legislatures and academic administrators in many states have forced engineering degrees down from the mid-130 credit hours to 128 or even all the way to 120 credit hours. Will this downward trend continue into the future to 115 or 110? We can either hope that it doesn't or we can implore that ABET EAC re-examine the concept of requiring a specific minimum such as 128 semester credit hours (where, I believe, the majority of engineering programs are currently) or at least specify a minimum of 32 semester credit hours of math + science and a minimum of 48 semester credit hours of engineering topics. Specifically, we should remove the definition of "one year" in **Criterion 5** and modify (a) to read "a minimum of 32 semester hours (or equivalent) of a combination of college-level mathematics and basic sciences. ... We should also modify (b) to read "a minimum of 48 semester hours (or equivalent) of engineering topics. ... Since these only specify 80 semester hours, an institution could still have a 120-hour curriculum without reducing the technical content of the engineering degree. Having a more specific requirement proposed from an accreditation organization that is, I believe, respected by employers, academic administrators and legislators alike would go a long way to halt the declining trend.

In conclusion, while I have strong concerns about adding additional emphasis on licensure and maintaining a specific number of minimum credit hours for the technical portion of an entry level engineer's curriculum, from the perspective of providing minimum necessary entry level skills for the professional practice of engineering and for future licensure of engineers, the changes to criterion 3 and 5 will be acceptable and will not impact the long-standing status of the ABET EAC BS degree as the gold standard for licensure.

At its recent meeting, the NCEES board of directors considered Dr. Whitman's report regarding the action by the ABET board of delegates to revise Criterion 3 and 5 of the general criteria for the accreditation of engineering programs as well as a copy of Dr. Whitman's presentation at the NAE forum and his recommendations. At this meeting, the NCEES board voiced general support of the proposed changes to Criteria 3 and 5 and unanimous support of Dr. Whitman's proposed recommendations as enhancements to the evaluation criteria.

The NCEES board directed staff to alert all NCEES member boards of ABET's proposed changes to Criterion 3 and 5 of the general criteria for the evaluation of engineering programs and to recommend that each board visit the ABET website and provide remarks during the comment period, which is set to expire June 30, 2016. The NCEES board noted that this is an opportunity for NCEES member boards to have ABET hear the concerns of the licensure community and that the next opportunity to provide comment might be some time in the distant future. Accordingly, each member board and its individual members are encouraged to visit the ABET website and express their views.

Patterson, Kathryn

From: Hillegas, Kathy <KHillegas@ncarb.org>
Sent: Thursday, February 18, 2016 11:16 AM
To: Hillegas, Kathy
Subject: Dental Ruling Update and Action Memo_0216
Attachments: Dental Ruling Update and Action Memo_0216.pdf

Importance: High

Good Afternoon Member Board Members and Member Board Executives!

Please see the attached important message from CEO Michael Armstrong which provides some insight into legislative activity we are seeing and actionable steps the Council is taking as a result of the North Carolina Dental Board Ruling that came out of the Supreme Court last year.

As always, do not hesitate to contact me should you have any questions.

I hope to see many of you in Savannah at the Regional Summit.

Regards,

Kathy

Katherine E. Hillegas, CAE
Council Relations Director

NCARB

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The National Council of Architectural Registration Boards protects the public health, safety, and welfare by leading the regulation of the practice of architecture through the development and application of standards for licensure and credentialing of architects.
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NCARB
National Council of Architectural Registration Boards · 1801 K Street NW, Suite 700K · Washington, DC 20006 · 202/783-6500 · 202/783-0500 FAX

MEMORANDUM

To: Member Boards and Executives

From: Michael J. Armstrong, Chief Executive Officer

Date: February 18, 2016

Subject: Strengthening the Voice for Reasonable Regulation

Many of you have been tracking the national conversation regarding the role of licensing authorities and the regulation of various disciplines, flowing from last year's U.S. Supreme Court ruling against the North Carolina Dental Board which overturned the NC board's decision to issue cease and desist orders against unlicensed teeth whitening vendors. Some jurisdictions are now moving to react to the decision through legislative and executive branch actions.

- **Oklahoma**: the governor issued an executive order requiring review of all licensing board decisions by the state attorney general before the decisions become final.
- **Florida**: the state's risk manager has issued a preliminary opinion that governmental immunity is suspended for any litigation resulting in an award of damages to plaintiffs suing boards for anti-trust violations, meaning individual licensing board members would be held personally liable with no coverage by the state. Efforts are underway to persuade the governor and/or the legislature to restore insurance coverage to all actions taken by licensing authorities.
- **Arizona**: the governor plans to support legislation in the Arizona House of Representatives to de-regulate landscape architects and geologists based on a belief that a national credential such as a certificate is a sufficient basis for the consumer to discern quality and competency, eliminating the need for state licensure. The stated intent is to systematically deregulate all practices within the design arena.
- **Connecticut and Georgia**: legislation is being introduced to establish authority to independently review, including modification and veto, all decisions of state licensing authorities.

The Supreme Court decision is being seen by some as a new opportunity for old opponents of licensing and related regulation to push legislation and create political momentum toward the elimination of citizen participation in the regulatory process. Our position is that other actions short of deregulation can address the issues raised by the Supreme Court and can protect our Member Boards from any finding of anti-trust violation.

Accordingly at NCARB we have decided to invest some of our resources to assure that the conversation includes proponents of reasonable regulation when the health, safety and welfare of the public is at stake. We want to make sure you are aware of our efforts, and invite you to work with us.

A key partner for us and for other organizations like NCARB, across the community of licensed disciplines, is the Federation of Associations of Regulatory Boards (FARB). NCARB is a full, dues-paying member of FARB; many of you have benefitted over the years from hearing FARB Executive Director Dale Atkinson present workshops on legislative and case law trends in licensure and regulation. Last year we purchased a FARB Top Regulatory Cases subscription for each of our Member Boards. We are fortunate that NCARB's own Chief Operating Officer, Mary de Sousa, was elected last year to a two-year term as the FARB President/Chair of the Board.

I have recently reallocated NCARB resources to strengthen the ability of FARB to evolve from merely a tracking and analysis organization to one who can serve as a strong advocate for its membership and our collective mission to protect the public. Our investment in a stronger FARB includes:

- Deployment of our legal team at Venable Associates to interact with officials at the Federal Trade Commission (FTC), the plaintiffs in the North Carolina case, the National Association of Attorneys General (NAAG), and other key players to assure that the argument for reasonable regulation is being effectively made. Part of Venable's work will include development of a white paper with analysis regarding potential impacts and strategies arising from the NC Dental Board decision.
- Detailing NCARB Senior Architect/Advisor to the CEO Stephen Nutt as a part-time loaned executive to the FARB in a new position as Chief Advocacy Advisor, with the intent to establish a strategy of monitoring public comment and seeking advocacy opportunities with elected officials, the media, and special interest groups. Stephen is in Arizona this week to attend their legislative hearing on deregulation of landscape architects and geologists, and is talking with other advocates for licensed professions regarding a united approach at the state and federal levels. We also dispatched two NCARB staff to monitor a recent U.S. Senate Judiciary Committee hearing addressing perceived economic impediments of occupational licensure.
- Working with FARB leaders to increase FARB membership and investment from other national organizations like NCARB.

The discussion of possible next steps at the legislative and/or executive level is occurring in several of our member jurisdictions. Accordingly, the time is ripe for a discussion at the upcoming Regional Summit in Savannah next month. I will be facilitating a panel discussion during the plenary session to explore where the future may be taking us. The panel will include NCARB legal counsel, legal advisors for several member boards, and a member board executive. We look forward to hearing questions and comments from Regional Summit attendees representing each of our member jurisdictions.

We want you to know that NCARB is committed to assuring that reasonable regulation is promoted and protected. Should your legislature and/or governor embark on a path addressing the role of your Board, and as you see media or other commentary regarding this topic, please let us know. An effective strategy, including all of us and our larger FARB community, will insure that the public health, safety and welfare remains protected for future generations.

Appendix A

Board Meeting Examinee Report

FE Examinees Passed FE Exam

Meeting Date: March 18, 2016

Issue Date	Name	Certificate #	Exam	Exam Date
01/28/2016	Beck, Deidre L.	E-11981	FE	01/22/2016
01/28/2016	Brown, Caleb Stephen	E-11979	FE	01/09/2016
01/28/2016	Carda, Brandon Michael	E-11976	FE	01/09/2016
01/28/2016	Case, Laura	E-11975	FE	01/09/2016
02/17/2016	Chavez, Christian	E-11985	FE	02/06/2016
02/17/2016	Christensen, Tyler Lyle	E-11984	FE	01/29/2016
01/28/2016	Coffee, James Dean	E-11973	FE	01/06/2016
01/28/2016	Danielson, Justin	E-11972	FE	01/02/2016
02/17/2016	Hudson, Kyle	E-11986	FE	02/06/2016
02/17/2016	McLaughlin, Cody Ray	E-11987	FE	02/06/2016
01/28/2016	Newcomb, Skyler	E-11978	FE	01/09/2016
01/28/2016	Preszler, Shaun Adam	E-11974	FE	01/09/2016
01/28/2016	Prosser, Bennett Curtis	E-11980	FE	01/14/2016
01/28/2016	Rohlik, Thomas Paul	E-11977	FE	01/09/2016
01/28/2016	Stevenson, Luke	E-11982	FE	01/23/2016

Appendix A

Board Meeting Examinee Report

FS Examinees Passed FS Exam

Meeting Date: March 18, 2016

Issue Date	Name	Certificate #	Exam	Exam Date
01/28/2016	Anderson, Kristopher Kenneth	S-11983	FS	01/09/2016

Appendix B

Board Meeting Examinee Report

For FE Examinees To Be Approved

Meeting Date: March 18, 2016

Name	Exam	Approved	Comments
Ackermann, Kendall Lee	FE		
Amoako, Archibald Allswell	FE		
Anderson, Austin	FE		
Arkema, Nicholas Derek	FE		
Artz, Tyler Robert	FE		
Baker, Micah Kyle	FE		
Beckham, Joseph Tanner	FE		
Benitez Gonzalez, Juan Pablo	FE		
Berens, Isaac	FE		
Besmer, Daniel Scott	FE		
Bierle, Austin James	FE		
Blotske, Tyler Paul	FE		
Bollinger, Ryon Wayne	FE		
Botzet, Anna R.	FE		
Breckenridge, John	FE		
Brunstad, Rachel	FE		
Bughman, Andrew James	FE		
Burke, Logan James	FE		
Butcher, McKenzie Judy	FE		
Caballero, Salvador Juarez	FE		
Carey, Kyle Grayson	FE		
Chapin, Eric	FE		
Chavez, Christian	FE		
Clemen, Andrew Joseph	FE		
Clemen, Phillip J.	FE		
Clemens, Joshua Lloyd	FE		
Courter, Ethan Joseph	FE		
Cronk, Will James	FE		
Cuperus, Jacob	FE		
Davison, Jay	FE		
De Groot, Matthew Dale	FE		
De Kam, Monte Lee	FE		
De Souza, Beatriz Luiza	FE		

Appendix B

Board Meeting Examinee Report

For FE Examinees To Be Approved

Meeting Date: March 18, 2016

Name	Exam	Approved	Comments
DeWit, Jordan Rae	FE		
Dibb, Tory	FE		
Dick, Nathan Marc	FE		
Dorfschmidt, Matthew James	FE		
Drake, Joshua T.	FE		
Dulal, Rohit Vinod	FE		
Dunn, Dustin Steven	FE		
Duque, Luis Felipe	FE		
Effling, Zachary	FE		
Fedders, Eric	FE		
Gebhart, Cole F.	FE		
Giddings, Trenton	FE		
Grass, Andrew David	FE		
Green, Jacob Darrel	FE		
Halling, Brock Michael	FE		
Hanson, Max	FE		
Harders, Kristen Amber	FE		
Harris, Jr., Vanoy	FE		
Heaps, Justin Taylor	FE		
Heath, Garret David	FE		
Hill, Samuel Richard	FE		
Hirschey, Travis James	FE		
Hocking, Crystal Marie	FE		
Hoellein, Alexander Craig	FE		
Hoffman, Matthew James	FE		
Holtquist, Miranda Rose	FE		
Howard, Kevin Richard	FE		
Imran, Navid Mohammad	FE		
Kallas, Douglas John	FE		
Kegley, Mason Jay	FE		
Kelley, Colin Ray	FE		
Kelley, Taylor Carson	FE		
Ketcham, Josh Roger	FE		
Ketterling, Chase	FE		

Appendix B

Board Meeting Examinee Report

For FE Examinees To Be Approved

Meeting Date: March 18, 2016

Name	Exam	Approved	Comments
Kielstra, Benjamin Johannes	FE		
Kirsch, Cody Zan	FE		
Knofczynski, Michael Thomas	FE		
Koepsell, Ceri Lynn	FE		
Kohles, John Michael	FE		
Kreuzer, Jena Maire	FE		
Lang, Emmet Forrest	FE		
Letempt, Samuel James	FE		
Linneman, John Ryan	FE		
Longtin, Adam David	FE		
Mack, Shawn Arnold	FE		
Makousky, Christopher James	FE		
Meinders, Josh	FE		
Mellgren, Samuel	FE		
Miller, Ryan Dale	FE		
Moore, Sara Ann	FE		
Moreira, Mateus	FE		
Morris, James Barry	FE		
Munsterman, Jesse	FE		
Odegaard, Tanner York	FE		
Olson, Jill Annette	FE		
Pagel, Alex M.	FE		
Pedersen, Marscus Lee	FE		
Pelletier, Joseph Edward	FE		
Pereira, Lucas	FE		
Peterson, Jacob Raymond	FE		
Pfenning, Sarah Jayne	FE		
Pierce, Ryan Michael	FE		
Rau, Alex James	FE		
Reichert, Nathan Joel	FE		
Reuer, Nathan	FE		
Rolschau, Jonathan Michael	FE		
Ruggles, Daniel	FE		
Saeed, Baseem Saeed	FE		

Appendix B

Board Meeting Examinee Report

For FE Examinees To Be Approved

Meeting Date: March 18, 2016

Name	Exam	Approved	Comments
Savageau, Matthew Aaron	FE		
Schmitz, Nathan Joseph	FE		
Schramm, Adam Joseph	FE		
Schrankler, Brandt Thomas	FE		
Shearer, Mitchell	FE		
Smith, Alexander	FE		
Smythe, Kurt	FE		
Sokulski, Kyle Steven	FE		
Sonne, Jacob Daniel	FE		
Strubel, Thomas Michael	FE		
Taschner, Tyler John	FE		
Tew, Kathleen	FE		
Tolliver, Branson	FE		
Torrez, Joshua	FE		
Tuhin, Istiaque Ahmed	FE		
Turbak, Jonathon Paul	FE		
Vande Vegte, Loken Lee	FE		
Vermeer, Travis	FE		
Wampol, Calvin William	FE		
Weiss, Kody Kinyon	FE		
Wenzel, Matthew Steven	FE		
Whiteman, Thomas Alexander	FE		
Williamson, David	FE		
Zelecki, Zachary Leon Thomas	FE		

Appendix B

Board Meeting Examinee Report

For FS Examinees To Be Approved

Meeting Date: March 18, 2016

Name	Exam	Approved	Comments
Boock, Aaron David	FS		
Brooks, Troy Thomas	FS		
Christianson, Eric Joseph	FS		
Grosz, Daniel Lukeus	FS		
Kasuske, Tyler Steve	FS		
Klinger, Andrew Wayne	FS		
Kurkowski, Grant Steven	FS		
Menking, Ross Daniel	FS		
Snow, Dalton James	FS		
Spondur, Jeff Steven	FS		
Wetzel, Ruth C.	FS		
Zimmerman, Lucas P.	FS		

APPENDIX C

Board Meeting Examinee Report

License by Exam

Meeting Date: March 18, 2016

Name	City	State	Profession	Comment
Sanders, Aaron Robert	Rapid City	SD	AR	
Simonyak, Joel Patrick	Belle Fourche	SD	AR	

APPENDIX C

Board Meeting Examinee Report

License by Exam

Meeting Date: March 18, 2016

Name	City	State	Profession	Comment
Salzwedel, Mitchell Henry	Sioux Falls	SD	A	

APPENDIX C

Board Meeting Examinee Report

License by Exam

Meeting Date: March 18, 2016

Name	City	State	Profession	Comment
Davidson, Mark Gestur	Bismarck	ND	R	
Prann, Robert Aaron	Rapid City	SD	R	

Appendix D

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: **March 18, 2016**

Name	City	State	Profession	#
Brumback, Joseph M	Cincinnati	OH	AR	
Casey, Timothy D.	Marine on St. Croix	MN	AR	
Coleman, Kip	Danville	CA	AR	
Harding, Shawn Weston	Overland Park	KS	AR	
Humphries, Dennis Richard	Denver	CO	AR	
Kimball, Jr., James Robert	Duxbury	MA	AR	
Kramer, Chase Daniel	Sioux Falls	SD	AR	
Krych, Michael Jerome	Minneapolis	MN	AR	
Mack, Murray Anthony	St. Cloud	MN	AR	
Merchiori, Marco Francesco	Highland	IL	AR	
Sallade, Markham David	Saint Albans	WV	AR	
Schutte, Vanessa Quinn	Omaha	NE	AR	
Tayrien, Douglas Scott	Tulsa	OK	AR	
Tracey, Timothy Robert	Chicago	IL	AR	
Tweedy, John Alan	Highlands Ranch	Co	AR	
Villares, Gonzalo	St. Paul	MN	AR	
Wallin, Donald J.	Chicago	IL	AR	
Wasmoen, Thomas P	Minneapolis	MN	AR	
Carlson, James George	Mitchell	SD	LA	
Langel, Andrea Lynn	Le Mars	IA	LA	
Atterton, Chad Bailey	Surrey	ND	LS	
Duryea, Mitchell James	Spokane	WA	LS	

Appendix D

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: **March 18, 2016**

Name	City	State	Profession	#
Illg, Robert Michael	Bismarck	ND	LS	
Roddy, Kyle J	Cambridge	MN	LS	
Autier, Vincent Philippe	Boise	ID	PE	
Bakken, John Arne	Mill Creek	WA	PE	
Bell, Richard A	Rapid City	SD	PE	
Bolinger, Tyler	Austin	TX	PE	
Boyd, Jr, Steven Hook	Eagle	CO	PE	
Bulut, Yigit	Beverly Hills	Ca	PE	
Burns, Daryl D.	Endwell	NY	PE	
Carson, Joseph	Seattle	wa	PE	
Cheronis, Jason George	Uniontown	OH	PE	
Cloud, Jerry Joseph	Fort Pierre	SD	PE	
Conn, Adam Shane	Clive	IA	PE	
Cullen, Sean Lawrence	Maple Grove	MN	PE	
DeWilde, Derrick Ray	Mendota Heights	MN	PE	
Fiegen, Melanie	Roseville	MN	PE	
Fischer, Cynthia H.	Golden	CO	PE	
Foster, Donald B	Elkhorn	NE	PE	
Garcia, Rene R.	Houston	TX	PE	
Horeczy, Grant A	Boise	ID	PE	
Hunt, Natalya	Cedar Rapids	IA	PE	
Indman, Yuriy	CHICAGO	Il	PE	

Appendix D

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: **March 18, 2016**

Name	City	State	Profession	#
Johanning, Shannon D	Union	MO	PE	
Kavanagh, Kristen A. S. Bowman	Philadelphia	PA	PE	
Kawlewski, Michael Lyn	Vergas	MN	PE	
Lanphier, Mark	Centennial	CO	PE	
Liu, John T.	Durham	NC	PE	
Martin, Timothy Todd	Plano	TX	PE	
McCoy, Richard Wayne	Chattanooga	TN	PE	
McVey, Jennifer Lorraine	Topeka	KS	PE	
Mensay, Nathan B	Albuquerque	NM	PE	
Nicholson, Joseph Albin	Alexandria	MN	PE	
Olsen, Charles	Dickinson	ND	PE	
Partridge, Toby Michael	Beaver Falls	PA	PE	
Patterson, Mark	Louisville	KY	PE	
Patzlaff, Quinton	Alexandria	SD	PE	
Peterman, Richard Lewis	Cape May Court House	NJ	PE	
Prom, Amber Michele	Aurora	CO	PE	
Rometo, Michael	Atlanta	GA	PE	
Ruff, Michael	Westlake	OH	PE	
Rutter, Charles Christopher	Summit	MS	PE	
Sarkinen, Garret D	Independence	MN	PE	
Schell, Gabriel Joseph	Bismarck	ND	PE	
Schrauben, Corey	Atlanta	GA	PE	

Appendix D

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: **March 18, 2016**

Name	City	State	Profession	#
Stephenson, James M	Nashville	TN	PE	
Stewart, Ben	Rapid City	SD	PE	
Strandjord, Brian Nels	Aurora	CO	PE	
Trasher, James Frances	Baldwinsville	NY	PE	
Tucker, David Franklin	Denver	CO	PE	
Van Gerve, Donald J	Unionville	CT	PE	
Van Winkle, Randy Leroy	Coralville	IA	PE	
Volkart, Andrew C	Eagan	MN	PE	
Walla, Chris Lynn	Cheyenne	WY	PE	
Wanner, Sherwin	Bismarck	ND	PE	
Whitaker, Keith	Rapid City	SD	PE	
Wirries, John	Fargo	ND	PE	

Appendix E

Board Meeting Firm Report

For Business to Approve

Meeting Date: **March 18, 2016**

Company Name	City	State	Profession	#
Apex Structural LLC	Cedar Rapids	IA	PE	
Audubon Field Solutions, LLC	Houston	TX	LS	
Benchmark Engineering LLC	Dickinson	ND	PE	
CB Engineering, Inc.	Union	MO	PE	
Chavez-Grieves Consulting Engineers Inc.	Albuquerque	NM	PE	
Colgan Engineering	Hermosa	SD	PE	
Delta Engineers, Architects, and Land Surveyors PC	Endwell	NY	PE	
Dewberry Engineers Inc.	Fairfax	VA	PE	
Donald Van Gerve PE	Unionville	CT	PE	
Duryea & Associates, P.S.	Spokane	WA	LS	
Firm Ground Architects & Engineers, Inc.	Minneapolis	MN	AR	
Flow Science Incorporated	Pasadena	CA	PE	
Griffin Dewatering, LLC	Houston	TX	PE	
Ground Effects	Sioux Center	Ia	LA	
Hagen Engineering International	Owasso	OK	PE	
Hilaire W. Peck	Laramie	WY	PE	
HMA Architects, Ltd.	Saint Cloud	MN	AR	
HOBAS Pipe USA	Houston	TX	PE	
Hollaway Bridge and Culvert, Inc	Pierre	SD	PE	
Humphries Poli Architects, P.C.	Denver	CO	AR	
JERRY J CLOUD	Fort Pierre	SD	PE	

Appendix E

Board Meeting Firm Report

For Business to Approve

Meeting Date: **March 18, 2016**

Company Name	City	State	Profession	#
Kip Coleman Architecture	Danville	CA	AR	
Korte Design, Inc.	St. Louis	MO	AR	
Markham D Sallade AIA PLLC	Saint Albans	WV	AR	
Miller Engineers, Inc.	Albuquerque	NM	LS	
Miller-McCoy, Inc.	Chattanooga	TN	PE	
Phase Zero Design, Inc.	Simsbury	CT	AR	
Power of Design Group, LLC	LOUISVILLE	KY	PE	
Reese Tower Services, Inc.	PA	PA	PE	
Structural Design Group	Nashville	TN	PE	
Sustainable Environmental Energy Engineering	Rapid City	SD	PE	
TEEG, Inc.	Denver	CO	PE	
Van Winkle Schmidt Palmer Engineering	Coralville	IA	PE	
Wallin/Gomez Architects, Ltd.	Chicago	IL	AR	
Wasescha Associates, Inc.	Saint Paul	MN	AR	

TRAVEL
MATRIX
BOARD MEMBERS
01/01/2016 through 06/30/2016

DATES	MEETING	PLACE	BOARD NAME	PAID BY
2016				
~~02/05/2016~~	~~NCEES MBE Meeting~~	~~Atlanta, GA~~	~~Kathryn~~	~~Not Attending~~
~~02/19-20/2016~~	~~2016 NCARB MBE Engagement Session~~	~~New Orleans, LA~~	~~Kathryn~~	~~NCARB – fund MBE~~
03/10-12/16	2016 MBE Workshop & Regional Summit – NCARB	Savannah, GA	Jeff, Steve W., Drake ?; Kathryn	NCARB – fund MBE and up to 2 delegates; plus scholarship fund for public members of Board
05/05-07/2016	NCEES Central Zone Interim Meeting	Kansas City, MO	Dennis, Mike, Steve P, Steve T, Kathryn	NCEES pays 2 funded Delegates (Dennis & Steve P) Deadline for other than funded delegates to register is April 1
06/15 -18/2016	NCARB Annual Meeting	Seattle, WA		NCARB – fund MBE and up to 2 delegates; plus scholarship fund for public members of Board

MBE Engagement Session
February 19-20, 2016
New Orleans, LA

Meeting was attended by five Member Board Executives from AR, KY, OK, OR, and SD; the NV Deputy Director; and a member of the MI Board Staff. Representing NCARB was the MBE Director, and two for Member Board Council Relations.

Discussions were held on the Mission, Vision, and Values of NCARB along with a short history of the organization and the structure and governance. Collateral organizations to NCARB were noted for information only.

The role of the MBE was discussed in how it has evolved over the years including aspects of budget; human resources; business systems; strategic planning; outreach projects, and NCARB events and volunteering.

The ARE 5.0 calculator that has been added to NCARB website was discussed and how it will help exam takers in knowing which exams will constitute the new make-up and what they will need to complete to get all of the exam requirements. The Intern Development Program was discussed in how it has transitioned to less categories. The new name for the program going forward will be AXP (Architectural Experience Program (formerly known as IDP).

In light of the SCOTUS ruling the FL Board immunity is suspended for any litigation resulting in an award of damages to plaintiffs suing board for anti-trust violations. Meaning individual board members would be held personally liable with no coverage by the state. The AZ governor plans to support legislation to deregulate LA and geologists based on holding a national credential such as a certificate is enough for the consumer to note quality and competency, eliminating need for licensure. Oklahoma has issued an executive order requiring review of all licensing board decisions (approvals and denials) by the attorney general before they can become final. According to MBE from OK they have backed off from approvals to only denials.

Short discussion on Architect Licensing Advisors Community (formerly the IDP Coordinators Program) to facilitate the flow of information to architecture students, interns and architects about licensure and reciprocity. In South Dakota they are Tom Hurlbert at Co-Op Architecture and Charles MacBride at SDSU.

Patterson, Kathryn

From: Patterson, Kathryn
Sent: Wednesday, January 27, 2016 9:35 AM
To: 'Laura Kendall'
Subject: RE: change of address
Attachments: ICON-01272016093520.pdf

ICON Architectural Group LLC was sent a letter on January 12, 2016 regarding the opening of an office in Brookings, SD. To date, our office has not received a response to this letter. I am attaching a copy of this letter for review and response.

Kathryn Patterson
Executive Director
South Dakota Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702-2439
Phone: 605-394-2510
Fax: 605-394-2509
Email Address: Kathryn.Patterson@state.sd.us
Web Address: http://dlr.sd.gov/bdcomm/btp

From: Laura Kendall [mailto:laurap@iconarchitects.com]
Sent: Wednesday, January 27, 2016 9:26 AM
To: DLR SDBTP
Subject: change of address

Our company has moved. Our current address is:

ICON Architectural Group, LLC
4000 Garden View Dr, Ste 101
Grand Forks, ND 58201

(we just moved next door, so only our street numbers changed)

Architect – Todd Mitzel
Engineer – Scott Fournier

Thank you for making this update!

Laura Kendall
o. 701-772-4266 | f. 701-772-4275
www.iconarchitects.com | www.iconHD.com

ICON

January 28, 2016

Kathryn Patterson, Executive Director
South Dakota Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702

RE: RESPONSE TO LETTER DATED JANUARY 12, 2016

Dear Ms. Patterson:

In response to the letter referenced above from the board, I offer the following explanation. The office located in Brookings is an office for a related entity we own called ICON Holdings, LLC. ICON Holdings is a development and real estate holdings company, which is headquartered in the Brookings office. The sign on the door of the office is clearly labeled "ICON Holdings". I have also attached with this letter a certificate of authorization from the State of South Dakota for ICON Holdings, for your reference.

In reviewing your letter, I did some investigation into if we may have represented this office in any way as an architectural office, providing architectural and engineering services. In reviewing some of our marketing material, I was able to find that we may have on occasion represented this office as part of ICON Architectural Group, although typically that occurred when we were also presented services provided by ICON Holdings.

Please rest assured that I have reviewed with our marketing and business development staff the requirements outlined in your letter, and have directed them to not infer that the office in Brookings is associated with ICON Architectural Group, LLC.

I would like thank the Board for bringing this deficiency to our attention so that we could take immediate action to explain and remedy the situation. I will await further action or correspondence from your office regarding this matter.

Sincerely,

Todd D. Mitzel, AIA

4000 GARDEN VIEW DRIVE, GRAND FORKS, ND 58201 • WWW.ICONARCHITECTS.COM • WWW.ICONHD.COM • V. 701.772.4266 • F. 701.772.4275

© GOES 340

State of South Dakota

OFFICE OF THE SECRETARY OF STATE

Certificate of Authority
Limited Liability Company

ORGANIZATIONAL ID #: FL007026

I, **Jason M. Gant**, Secretary of State of the State of South Dakota, hereby certify that duplicate of the Application for a Certificate of Authority of **ICON HOLDINGS, LLC (ND)** to transact business in this state duly signed and verified pursuant to the provisions of the South Dakota Limited Liability Company Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I hereby issue this Certificate of Authority and attach hereto a duplicate of the application for certificate of authority.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of South Dakota, in Pierre, the Capital City, this August 9, 2013.

Jason M. Gant
Secretary of State

CertAuthLLC Merge

Litho in U.S.A.

Patterson, Kathryn

From: Mike Blount <mikeb@skylineltd.com>
Sent: Thursday, January 28, 2016 5:19 PM
To: Patterson, Kathryn
Subject: RE: Energy Analysis

Thank you for the quick response, Ms. Patterson. If you don't mind, I'll give you an example of the type of energy analysis I'm concerned about:

An individual or firm examines one or more segments of energy use in a commercial office building. They determine demand and usage of energy-related utilities, either by direct measurement or theoretical calculation. They gather other relevant information, such as energy rates and maintenance costs. They devise Energy Conservation Measures (ECMs) that would reduce the energy consumption, demand, and/or cost. They approximate the cost of the ECMs, potential changes to utility bills, increase or decrease in maintenance costs, and other costs (cost of capital, tax credits, etc.) Using this data, the individual or firm calculates a lifecycle cost, return on investment, and/or simple payback period for the ECMs and reports their findings to the owner, operator and/or lessee.

As you might have guessed, I believe that this does fall under the purview of "practice of engineering" or "engineering studies." It's not that I am interested in making work for the mechanical or electrical engineers in the State. This is not our favorite or most profitable type of service. However, I have seen some faulty analyses in the recent past that did not yield the promised benefit, and it would be in the public's best interest to make sure those performing energy analyses are competent.

Mike Blount, PE LEED AP
Mechanical

Skyline Engineering LLC
615 12th Street, Rapid City SD 57701

605.737.3800 – phone
605.737.3826 – direct
605.737.3859 – fax
www.skylineltd.com

From: Patterson, Kathryn [mailto:Kathryn.Patterson@state.sd.us]
Sent: Monday, January 25, 2016 1:16 PM
To: Mike Blount
Subject: RE: Energy Analysis

With the limited information that you have provided below it would be difficult for the board to make either an official or unofficial determination. If you could please provide more information as to the energy analyses the Board would be able to review and give you a more definitive determination at their March meeting.

Kathryn Patterson
Executive Director
South Dakota Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702-2439
Phone: 605-394-2510
Fax: 605-394-2509
Email Address: Kathryn.Patterson@state.sd.us

Web Address: http://dlr.sd.gov/bdcomm/btp

From: Mike Blount [mailto:mikeb@skylineltd.com]
Sent: Monday, January 25, 2016 9:28 AM
To: DLR SDBTP
Subject: Energy Analysis

Are energy analyses, such as lifecycle cost analysis of energy conservation measures, considered "practice of engineering" or "engineering studies" as defined in 36-18A-3? Has the board made any official or unofficial determinations or comments about this? If no, how would I go about requesting such an interpretation?

Mike Blount, PE LEED AP
Mechanical

Skyline Engineering LLC
615 12th Street, Rapid City SD 57701

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605.737.3826 – direct
605.737.3859 – fax
www.skylineltd.com

NCEES
advancing licensure for engineers and surveyors

NCEES Principles and Practice of Engineering Examination
MECHANICAL BREADTH and HVAC and REFRIGERATION DEPTH
Exam Specifications

Effective Beginning with the October 2008 Examinations

- The mechanical exam is a breadth and depth examination. This means that examinees work the breadth (AM) exam and one of the three depth (PM) exams.
- The three areas covered in the mechanical engineering examination are HVAC and Refrigeration; Mechanical Systems and Materials; and Thermal and Fluids Systems. The breadth exam contains questions from these three areas of mechanical engineering. The depth exams focus more closely on a single area of practice in mechanical engineering.
- Examinees work all questions in the morning session and all questions in the afternoon module they have chosen. Depth results are combined with breadth results for final score.
- The exam is an 8-hour open-book exam. It contains 40 multiple-choice questions in the 4-hour AM session, and 40 multiple-choice questions in the 4-hour PM session.
- Questions in Sections I–IV of the breadth module will be in *either* USCS or SI units. Questions in Section V of the breadth module will be in USCS units. Questions in the depth module will be in USCS units.
- The exam is developed with questions that will require a variety of approaches and methodologies, including design, analysis, and application. Some problems may require knowledge of engineering economics.
- The knowledge areas specified as examples of kinds of knowledge are not exclusive or exhaustive categories.
- The specifications for the **AM exam** and the **HVAC and Refrigeration PM exam** are included here.

MECHANICAL BREADTH Exam Specifications

	Approximate Number of Questions
I. Basic Engineering Practice	**12**
A. Basic Engineering Practice	12
1. Engineering terms and symbols	
2. Economic analysis	
3. Project management	
4. Interpretation of technical drawings	
5. Electrical concepts	
6. Units and conversions	
II. Mechanical Systems and Materials	**8**
A. Principles	5
1. Statics and dynamics	
2. Strength of materials	
3. Stress analysis	
4. Fatigue theory	

B. Applications 3
   1. Mechanical components (e.g., springs, gears, pressure vessels)
   2. Joints and fasteners (e.g., welding, bolts, adhesives)
   3. Vibration/dynamic analysis
   4. Materials selection (e.g., corrosion, weight, strength)

III. Hydraulics and Fluids **7**

A. Principles 3
   1. Compressible flow
   2. Incompressible flow

B. Applications 4
   1. Hydraulic and fluid equipment (e.g., pumps, turbines, compressors)
   2. Piping systems and components

IV. Energy/Power Systems **6**

A. Principles 3
   1. Thermodynamic cycles
   2. Thermodynamic properties
   3. Energy balances
   4. Mass balances
   5. Heat transfer
   6. Combustion

B. Applications 3
   1. Power conversion systems
   2. Energy/power equipment (e.g., turbines, boilers, engines)
   3. Heat exchangers

V. HVAC/Refrigeration **7**

A. Principles 4
   1. Psychrometrics
   2. Refrigeration cycles
   3. Heat transfer

B. Applications 3
   1. HVAC/refrigeration systems
   2. HVAC/refrigeration components (e.g., air handlers, compressors)
   3. Heating/cooling loads

MECHANICAL–HVAC and REFRIGERATION DEPTH Exam Specifications

	Approximate Number of Questions
I. Principles	**22**
A. Thermodynamics	3
1. Cycles	
2. Properties	
3. Compression processes	
B. Psychrometrics	6
1. Heating/cooling cycles	
2. Humidification/dehumidification	
3. Heating/cooling loads	
C. Heat Transfer	5
D. Fluid Mechanics	3
E. Compressible Flow	1
F. Energy Balances	4
II. Applications	**18**
A. Equipment and Components	8
1. Cooling towers and fluid coolers (e.g., configurations, conditions, flow rates)	
2. Boilers and furnaces (e.g., configurations, efficiencies, fuel types)	
3. Condensers (e.g., configurations, conditions, flow rates)	
4. Pumps/compressors/fans (e.g., laws, efficiency, selection)	
5. Evaporators/chillers (e.g., configurations, conditions, flow rates)	
6. Cooling/heating coils (e.g., configurations, conditions, flow rates)	
7. Control systems components (e.g., valves, dampers)	
8. Refrigerants (e.g., properties, types)	
9. Refrigeration components (e.g., expansion valves, accumulators)	
B. Systems	7
1. Air distribution (e.g., duct design, system type, terminal devices)	
2. Fluid distribution (e.g., hydronic, oil and/or gas distribution design, system type, steam distribution)	
3. Refrigeration (e.g., food storage, cooling and freezing)	
4. Energy recovery (e.g., enthalpy wheels, heat pipes, run-around systems)	
C. Supportive Knowledges	3
1. Codes and standards (e.g., ASHRAE, NFPA)	
2. Air quality and ventilation (e.g., filtration, dilution)	
3. Vibration control (e.g., transmission effect, isolation)	
4. Acoustics (e.g., sound control, absorption, attenuators, noise level criteria)	
5. Economic analysis	
6. Electrical concepts (e.g., power consumption, motor ratings, heat output, amperage)	

Patterson, Kathryn

From: Dan Turner, Ph.D., P.E., P.L.S. <ssaunders=ncees.org@cmail20.com> on behalf of Dan Turner, Ph.D., P.E., P.L.S. <ssaunders@ncees.org>
Sent: Wednesday, January 27, 2016 12:15 PM
To: Patterson, Kathryn
Subject: NCEES 2016–17 committee preference survey

Dear NCEES Members, Associate Members, and Emeritus Members:

I am honored to serve as NCEES president-elect this year. A significant task for the president-elect is to make appointments to the Council's standing committees and create special task forces as needed to address topical issues that are important to the Council's membership.

Being a part of a committee or task force is a unique opportunity to contribute to the engineering and surveying professions and to work with other professionals from across the country. Individuals who are interested in serving on a committee or task force are asked to complete the committee preference survey (see link below) by **February 26**. If you are currently serving on a committee and would like to continue, you will still need to complete the survey to be considered for 2016–17. Go to ncees.org/committees to read about the current committees and task forces and decide which might be right for you.

Committee assignments typically involve attendance at one meeting in the fall or winter, enabling committee work to be completed in early spring and reports to be published in the Council's annual meeting reports. The exam committees (EPE and EPS) are required to meet twice a year. NCEES funds attendance at authorized committee meetings, with reimbursement provided in accordance with Council policy.

I invite each of you to become involved in this process by completing the online survey indicating your first, second, and third choices for committee/task force assignment.

Click here to complete the committee preference survey.

Committee appointments will be emailed to selected individuals by July 1, 2016. If you have any questions, please contact Davy McDowell, P.E., NCEES chief operating officer, at dmcdowell@ncees.org or 864-624-5463.

Sincerely,

Dan Turner, Ph.D., P.E., P.L.S.
NCEES President-Elect

Unsubscribe from future NCEES correspondence.

NCEES
advancing licensure for engineers and surveyors

Committees and voting

Committees and task forces

NCEES has a number of committees that meet throughout the year to address NCEES business and licensure issues. The president appoints members to the committees each year. The president also has the authority to create task forces with limited terms to address timely issues as needed; there is one task force for the 2015–16 fiscal year.

- **Advisory Committee on Council Activities:** ACCA makes recommendations on policy issues that are not assigned to another standing committee or that involve several committees. It also reviews the NCEES *Manual of Policy and Position Statements* and recommends needed revisions.
- **Awards:** This committee collects nominations for NCEES service awards to be presented during the annual meeting and recommends recipients to the board of directors.
- **Education:** This committee serves in an advisory role for education issues related to ABET, requirements prior to initial licensure, continuing professional competency, and foreign degree or unaccredited program evaluation.
- **Examination Audit:** This committee conducts regular audits of the NCEES exam program.
- **Examination Policy and Procedures:** EPP reviews the effectiveness of the NCEES exam process and recommends revisions to exam policies and procedures.
- **Examinations for Professional Engineers:** EPE oversees the development and scoring of the FE and PE exams. It reviews item performance, monitors the training of exam development volunteers, and recommends changes to exam policies and procedures.
- **Examinations for Professional Surveyors:** EPS oversees the development and scoring of the FS and PS exams. It reviews item performance, monitors the training of exam development volunteers, and recommends changes to exam policies and procedures.
- **Finances:** This committee studies the finances of NCEES and makes fiscal recommendations to leadership. It works with NCEES leadership to recommend an income and expense budget each year.
- **Law Enforcement:** This committee promotes greater uniformity and cooperation among member boards in the enforcement of licensure laws. It also maintains the *NCEES Investigation and Enforcement Guidelines* and *Investigative Training Manual*, best practice manuals for enforcement activities and training.
- **Member Board Administrators:** This committee is responsible for organizing the conference of MBAs at the NCEES annual meeting and zone interim meetings. The committee also facilitates cooperation between MBAs and assists with any member board efforts to address licensure processes and practices.
- **Nominations:** This committee submits the nominations for the NCEES president-elect and treasurer for Council vote at the annual meeting.
- **Uniform Procedures and Legislative Guidelines:** UPLG looks for ways to strengthen the licensure process by proposing changes to the *Model Law* and *Model Rules*, the documents that provide member licensing boards with a model for their own practice laws to regulate the engineering and surveying professions.
- **Special Committee on Bylaws:** This committee is convened as needed to propose changes to the NCEES *Bylaws*.
- **Financial Reserves Task Force:** This task force is developing guidelines regarding use of existing reserves to support ongoing initiatives of the Council and to further promote the mission and vision of NCEES. It is also developing recommended guidelines for use by the NCEES board of directors in responding to requests for funding non-NCEES activities that promote the engineering or surveying professions.

- **Future of Surveying Task Force:** This task force is evaluating the current state of the surveying profession in terms of what NCEES can do to mitigate the low number of candidates seeking licensure as professional surveyors and better market the value of a career in the surveying profession.
- **Technology Task Force:** This task force is studying the issue of electronic seals and signatures on design plans and related documents. It is also evaluating the process of building information modeling and the ability of multiple professionals to work on design plans simultaneously.

Voting

NCEES is composed of 70 member licensing boards from each U.S. state, the District of Columbia, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. These member boards (the Council) attend an annual business meeting each August to vote on motions and resolutions presented by NCEES committees, task forces, zones, the board of directors, and individual boards. NCEES boards also vote to fill open spaces on the board of directors. Most items voted on by the Council require a simple majority; changes to the Council's *Bylaws* require a two-thirds majority.

Full details about the Council's governance and voting procedures can be found in the NCEES *Bylaws*.

Chat now

Patterson, Kathryn

From: Tracy Snyder <tsnyder@ncees.org>
Sent: Monday, February 08, 2016 7:20 AM
Subject: EAS Board Visitors for April 15 - 16, 2016 Exam Administration

Importance: High

EAS Boards,

The NCEES exams will be held on April 15 - 16, 2016.

In order to properly list any site visitors for our chief proctors, please let me know if your board intends on sending anyone by Friday, March 18, 2016. Of course, if you have a late board meeting, please just let me know.

Once any site visitors have been identified, I will send you more detailed site information for exam day.

Let me know if you have any questions.

Sincerely,
****

Tracy Snyder
Manager of Exam Administration Services

NCEES
T: 800-250-3196, ext. 5458
F: 864-654-6966
ncees.org

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Patterson, Kathryn

From: Jerry Carter <jcarter@ncees.org>
Sent: Monday, February 08, 2016 7:29 AM
Subject: 2016 MBA Meeting
Attachments: CESB.pdf

All:

We had a very successful meeting of MBAs this past weekend in Atlanta, GA. There were a number of presentations by NCEES staff concerning impending changes to the E3 system as well as the launch of a new and improved NCEES Web site. Both changes will take place this June at the time that we open registration for the Fall exams. We have posted the presentations to MyNCEES and you can find them at http://resources.ncees.org/member_boards/mba_forum.

During the discussion Saturday afternoon about foreign programs and accreditation, I noted that several years ago, the NCEES Board of Directors directed that graduates of Canadian engineering programs accredited by the Canadian Engineering Accreditation Board (CEAB) would be treated as equivalent to an EAC/ABET degree for the Council records program and, therefore, no evaluation of their education would be required. This determination was made based upon the long-standing relationship between NCEES and Engineers Canada and an appreciation for their accreditation process for engineering programs. I have attached a copy of that 2009 memo for your information.

Please let me know if there are questions or if I can provide additional information.

Jerry

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NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING®

To: NCEES Member Boards

From: Jerry Carter, Executive Director

Re: Washington Accord Programs

Date: March 18, 2009

One of the important topics discussed during the recent Board Presidents' Assembly (BPA) concerned the equivalency of degrees from Washington Accord programs to those of degrees from EAC/ABET-accredited programs. This memo is to share that information with you and to inform you about a resulting action at the February Board of Directors' meeting.

There has apparently been some confusion as to the purpose of the Washington Accord and its application with respect to licensure. The Washington Accord, signed in 1989, is an international agreement among accreditation bodies responsible for accrediting engineering degree programs at nationally recognized degree-granting institutions. According to the Washington Accord Web site, "The signatories have exchanged information on, and have examined, their respective policies and procedures for granting accreditation of engineering academic programs, and have concluded that these are comparable." *(www.washingtonaccord.org)*

ABET, Inc., is the U.S. signatory to the Washington Accord. ABET defines this mutual recognition agreement (MRA) as follows: "MRAs recognize the substantial equivalency of certain international accreditation systems with respect to the preparation of graduates to begin professional practice at the entry level. Signatories agree to recommend that graduates from recognized programs be afforded the same rights and privileges as those graduates in the home country. These agreements are not binding on colleges, universities, employers, or licensing agencies."

As noted above, the Washington Accord is an agreement between the signatory countries recognizing the substantial equivalency of the various accreditation systems. For Washington Accord programs, ABET does not conduct site visits to determine if these programs' degrees are substantially equivalent to an EAC/ABET degree. This is important to licensure because an EAC/ABET degree is a threshold determination for most Member Boards to allow a candidate to pursue licensure in that jurisdiction.

The NCEES Center for Professional Engineering Education Services (Center) recently collected and evaluated data on graduates from six of the eleven countries that are signatories to the Washington Accord. After conducting this research, the Center determined that degrees awarded to many graduates of Washington Accord programs are not substantially equivalent to a degree from an EAC/ABET-accredited program. Many of these programs were found to be deficient in humanities, math, or basic science. All programs evaluated for four of the eleven countries were determined not comparable to an EAC/ABET program.

280 Seneca Creek Road • PO Box 1686 • Clemson, SC 29633-1686 USA
Telephone 864-654-6824 • Fax 864-654-6033 • www.ncees.org

As a result of this information presented at the BPA, the NCEES Board of Directors took the following action at its February meeting:

> *Applicants for the Council Records program with foreign degrees that are not EAC/ABET or CEAB accredited and who have not had an evaluation of their education performed prior to March 1, 2009, will be required to have an evaluation conducted by the Center for Professional Engineering Education Services (Center) in order to obtain a Council Record.*

In taking this action, the NCEES Board of Directors acknowledged the long-term relationship between NCEES and Engineers Canada and Member Boards' familiarity with the Canadian Engineering Accreditation Board (CEAB). The Board of Directors also recognized the Center's process for performing evaluations based upon ABET criteria and the Center's capacity for authenticating documents.

This action was implemented March 1, 2009. If you have questions or require additional information, please let me know.

cc: NCEES Board of Directors
Eva-Angela Adan, Center Director
Leigh Fricks, Manager of Records

Patterson, Kathryn

From: Jerry Carter <jcarter@ncees.org>
Sent: Monday, February 08, 2016 1:14 PM
Subject: Dave Gibson

All:

Below is a link to Dave Gibson's obituary:

http://www.ncnewsonline.com/obituaries/dr-david-wylie-gibson/article_808bb1f3-da05-5485-86e5-1979fab8a0d6.html

Jerry

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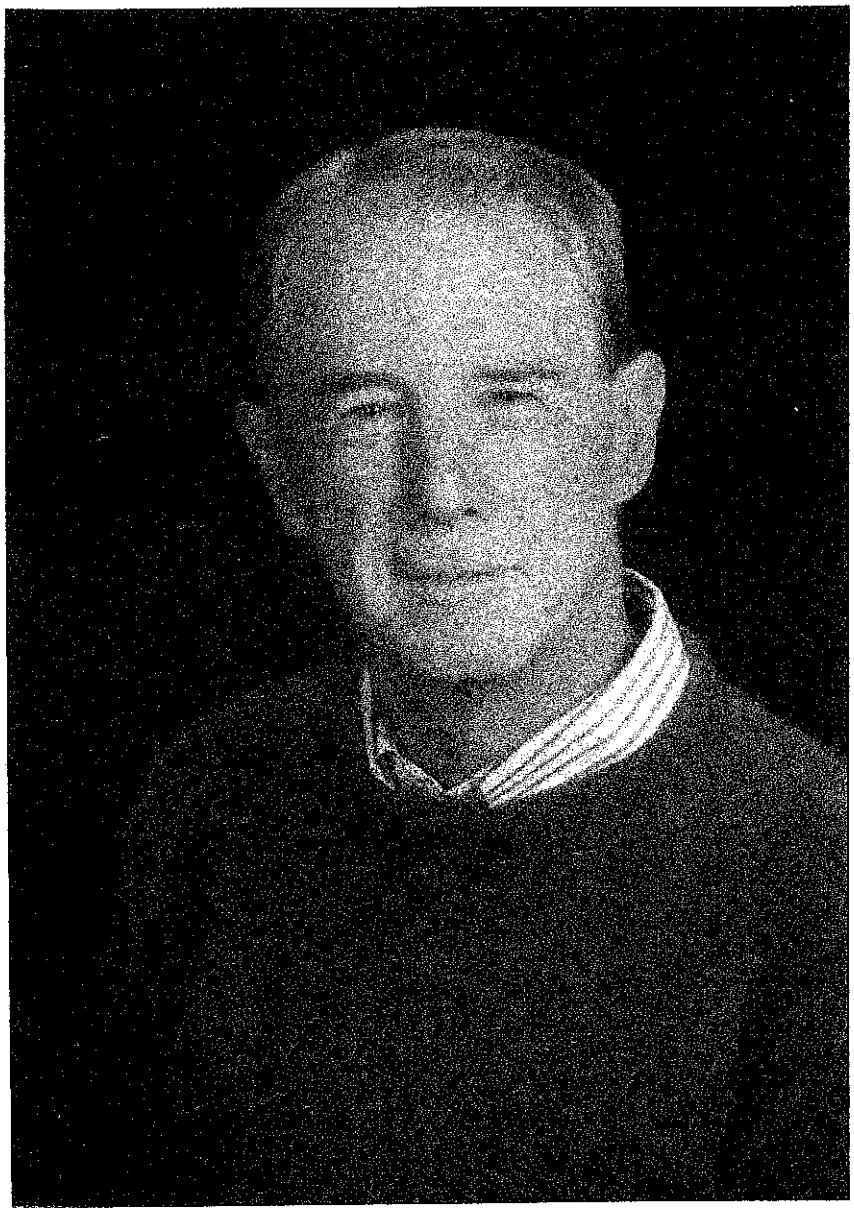

Dr. David Wylie Gibson, 71, of Evinston, Fla., passed away on Sunday, Jan. 31, 2016, in Gainesville, Fla., after a long battle with ALS.

Dave was born in Youngstown on Oct. 5, 1944, to H. Donald and Josephine Wallace Gibson. He grew up in New Bedford, Pa., and was a longtime resident of Gainesville, having moved there in 1974 from West Palm Beach, Fla. He had resided in nearby Evinston since 1980.

He is survived by his loving wife of 42 years, Betty Fitch Gibson; his daughter, Amy (Ryan) Lovelady; his sons, Evin Gibson and William (Katherine Sayler) Gibson; his grandson, Landon Lovelady; his brothers, Bruce (Ligia) and Robert (Johanna) Gibson; and many wonderful cousins, nieces and nephews.

David was an avid musician, academician and active member of McIntosh UMC and Evinston UMC.

He began his academic career at the University of Cincinnati, where he received a bachelor's degree in civil engineering, and continued learning through earning a master's degree in civil engineering from the University of Miami and a Ph.D. in civil engineering from the University of Alabama.

He taught at Palm Beach Junior College and joined the University of Florida faculty in 1974, where he was integral to the establishment of the geomatics program and provided significant contributions nationally to that field. He remained at UF as a member of the faculty for 40 years, where he retired in 2008 as a professor emeritus in geomatics, but continued his love for teaching until 2014. He was able to fulfill a lifelong dream of performing research as a visiting research scholar in 2012 at Ecole Superieure des Geometres et Topographes (ESGT) in Le Mans, France.

His spirit and zest for life carried him through all of his endeavors even until the end. He had the Gibson eyes and a beautiful smile.

A celebration of life service will be held at 10:30 a.m. Saturday, Feb. 13, at the Evinston United Methodist Church, 8505 SE 182 Ave., Micanopy.

The family requests that, in lieu of flowers, memorial contributions be made to the Evinston UMC, Box 344, Evinston, Fla. 32633, or McIntosh UMC, Box 689, McIntosh, Fla. 32664.

Arrangements have been entrusted to the Milam Funeral and Cremation Services, 311 S. Main St. Gainesville, Fla. 32601 (352) 376-5361.

Patterson, Kathryn

From: Jerry Carter <jcarter@ncees.org>
Sent: Monday, February 22, 2016 12:12 PM
Subject: Engineering Competency Model

All:

As was announced last year, NCEES has been a large part of the effort by the American Association of Engineering Societies (AAES) to work with the U.S. Department of Labor to create an Engineering Competency Model. The model is designed "as a resource that provides a lifelong learning template of the core competencies and skills necessary for entry into the engineering profession as well as for maintaining proficiency during one's career." You can find the model at the U.S. Depart of Labor's Web site a http://www.careeronestop.org/CompetencyModel/competency-models/engineering.aspx.

To promote the model, we have used remaining funds from a grant authorized by the United Engineering Foundation and created a short video highlighting the benefits of the model. The video has now been finalized and can be found at https://www.dropbox.com/s/cd8ksouv6s5u5on/AAES_animation_FINAL_HD.mov?dl=0.

I wanted to provide you with the link to both the competency model and the promotional video.

If there are questions, please let me know.

Jerry

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Patterson, Kathryn

From: David L. Hoffman, FAIA, NCARB <no-reply@post.ncarb.org>
Sent: Tuesday, February 16, 2016 1:41 PM
Subject: Candidacy for NCARB Second Vice President
Attachments: Second Vice President CV.pdf; 2016-2-4 2nd VP Announ Ltr Scanned.pdf

Member Board Members and Executives of Region 5:

Attached is my candidacy announcement for Second Vice President and CV for your information and consideration. I sincerely appreciate the time you may devote to reviewing these two items and would be honored to address any questions or comments you may have by phone (316 304 4402) or email.

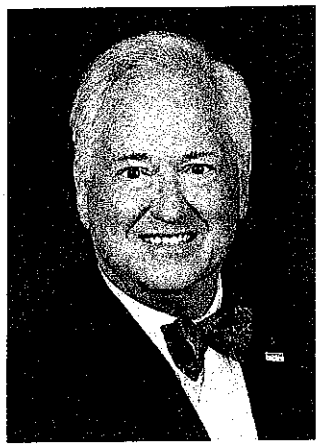
I look forward to seeing you all at the Regional Meeting in a couple weeks so have your questions ready.

Take care,

DAVE

DAVID L. HOFFMAN, NCARB, FAIA, CDP, CRX

Candidate for Second Vice President,
National Council of Architectural Registration Boards



PRACTICE: LK Architecture, Inc.
Senior Vice President and Principal (1978 – Present)
123 person Architecture, Engineering, Landscape Architecture and Interiors firm founded in 1967 practicing nationally, based in Wichita, KS

EDUCATION: Iowa State University: Bachelor of Arts in Architecture
Wichita State University: Graduate Studies in Business Administration

CERTIFICATES/REGISTRATIONS:

National Council of Architectural Registration Boards: Certificate Holder since 1980

State Registrations: Alaska, Arizona, California, Colorado, Connecticut, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nebraska, Nevada, New Mexico, Ohio, Oregon, Pennsylvania, Rhode Island, Texas, Utah, Virginia, Washington, Wyoming and Washington D.C.

NCARB SERVICE:

Treasurer: 2015 - 2016
Region 5 Director: 2012 – 2014
Board Liaison:
- Practice Analysis Task Force: 2012
- Intern Development Program: 2013
- BEA/BEFA Committee: 2014
- Public Director Task Force: 2015

Board Audit Committee: 2014-2016
ARE Item Writing: Site Planning & Design
- Chair: 2012
- Committee Member 2007 - 2012

NAAB ARC Regulatory Conference
- Task Force: 2007

Region 5 Chair: 2011
Regional Leadership Committee: 2011
Region 5 Vice-Chair: 2008-2011
Member Board Member:
- Kansas: 2006 – Present

NCARB representative on NAAB Accreditation Teams:
- Texas Tech: 2010
- Norwich University: 2011
- Southern California Institute of Architecture (SCI-Arc): 2012
- Rhode Island School of Design: 2013
- Istanbul Technical University: 2014
- Princeton University; 2015

Architect Licensing Advisor: 2013 – Present
IDP Mentor: On-going

KANSAS STATE BOARD OF TECHNICAL PROFESSIONS:

Appointed Architect Member: 2006 – Present
Board Chair: 2010 - 2011
Chair: Architects, Landscape Architects, Geologists Committee: 2007
Chair & Member of Complaint Committee
Chair & Member: Statute Revision Committee: 2010 – Present
Chair: Legislative Committee: 2009
Chair: Code Officials Guide: 2014 - 2016

AMERICAN INSTITUTE OF ARCHITECTS:

Richard Upjohn Fellow, 1993
Elevated to Institute Fellowship: 1993
Central States Regional Director: 1990 - 1993
(Iowa, Nebraska, Missouri, Kansas, Oklahoma)
Computer Aided Practice Task Force: 1994
Practice Management Professional Interest Area
- Committee: 1995 - 1996
- Chair: 1998
- Vice-Chair: 1997

Lifelong Learning Committee: 1992 – 1994
AIA/Continuing Education System Steering Committee
Architect's Handbook of Professional Practice, Editorial Review Committees:
- 12th Edition: 1992 – 1994
- 13th Edition: 1997 – 2000
- 14th Edition: 2005 – 2007
- Article Reviewer: 2000 – 2010

National Convention Program Selection Committee: 1994 – 1995
Architectural Graphic Standards, Electronic Edition Review Group and Beta Test: 1995 and 1997
Board Liaison: Society of Architectural Administrators (SAA): 1992
AIA Liaison to American Consulting Engineers Council:
Peer Review Committee: 1994 - 2010
Peer Review Trainer: 1999 – 2011
Gold Medal/Architecture Firm Award Advisory Jury: 1999
College of Fellows Regional Representative – Central States: 2006 – 2012
AIA representative on NAAB Accreditation Teams:
Iowa State University: 1996
Kansas State University (Observer): 1997

AMERICAN INSTITUTE OF ARCHITECTS, KANSAS:
President: 1988
Vice-President: 1987
Secretary: 1986
Treasurer: 1985
Director: 1983-84
Blox Leadership Program Mentor: 2012 - Present
Kansas Disaster Assessment Response Team – 2000 - Present
A.R.E. Preparation Lecturer: Contract Documents: 1990 - 1998
Chair: Professional Development/Continuing Education Committee: 1996 – 2000
Chair: Fellowship Committee: 2001 - 2011
AIA Wichita Section: President, Vice-President, Secretary, Treasurer

UNIVERSITY ADVISORY ACTIVITIES:
Department of Architecture, School of Design, University of Kansas: Advisory Board:
Board Member: 2011 – Present
Guest Lecturer: 2013 – Present
School of Architecture and Urban Planning, University of Kansas: Advisory Board
Board Member: 1992 – 2010
Chair: 1995 – 1996
Department of Architecture, Kansas State University: Advisory Board
Board Member: 1988 – 1992
Department of Architecture, Iowa State University: Advisory Board
Board Member: 1997 – 2000
Secretary: 1998

OTHER PROFESSIONAL AND CIVIC SERVICE:
Nebraska Firm of the Year Award Jury: 1995
American Council of Engineering Companies:
Peer Review Program:
Peer Reviewer for six firms: 1995 - 2011
Liaison between AIA and ACEC
International Council of Shopping Centers:
Member: 1995 – Present
Certified Design, Development and Construction Professional (CDP): 2009-Present
Certified Retail Property Executive (CRX): 2009 - Present
Wichita/Sedgwick County Arts and Humanities Council
Public Arts Advisory Board, City of Wichita
Central Branch YMCA:
Advisory Board: 1994 – 2000
Wichita Area Chamber of Commerce: 1987 - Present

AWARDS:
AIA, Kansas Henry W. Schirmer Distinguished Service Award - 1995

LK Architecture

345 Riverview, Suite 200
Wichita, Kansas 67203
T 316.268.0230
F 316.268.0205
LK-Architecture.com

February 4, 2016

To: NCARB Member Board Members and Executives

Re: Candidacy for Second Vice President
National Council of Architectural Registration Boards

All,

Thirty five years ago NCARB's significance to me was as a vehicle to facilitate licensure through reciprocity in states where our clients were expanding their businesses. I became a Certificate Holder with no other expectations than that one goal. Since those early practice years, the Council has flowered into a foundation organization that underpins all that is critical to our profession's existence. Today, the Council touches us beginning with high school graduation, continuing through college, licensure and on to regulating our practice as licensed professionals, a lifetime impact. Today, the Council is the controlling agency, or plays a significant role in: 1) Intern record establishment and maintenance, 2) development and improvement of the Architecture Experience Program (AXP), 3) development, administering and dissemination of the cyclical Practice Analysis, 4) development, administration and regulation of the ARE, 5) participation in the preparation of NAAB accreditation criteria and participating in accreditations, 6) maintenance and optimization of all Council Records and Certifications, 6) verification and reciprocity facilitation for Certificate Holders, 7) evaluation of non-traditional path Certificate candidates, 8) Member Board assistance and facilitation (transmittal of records, disciplinary monitoring, model law development, legislative assistance, candidate evaluation), 9) regulation representation among our collateral organizations, 10) national representation on international regulatory matters, 11) collection and dissemination of the profession's statistics and, 12) evolution of professional continuing education. This is an important list: For the continuation of our profession, these are not optional activities. All other roles that we play as designers, business people and community members are predicated on the success of NCARB fulfilling these responsibilities; NCARB makes it possible. NCARB, its Member Boards, Staff and Volunteers all have worked hard, in concert, to keep this public protection machine working effectively.

An informal goal of the Board of Directors is to try to maintain continuity and management focus from year to year as Directors and Officers turn over. This encourages the Board to remain focused on issues that by their nature usually span several years and allow Member Boards the time to understand, provide input and decide in an unhurried manner on the Council's direction. I endorse this approach and will continue to work collaboratively with the Board and Staff addressing the Council's challenges.

In the foreseeable future I anticipate the Council will be presented with several significant challenges, some on-going, some new:

Regulation and licensing questioned: With the Supreme Court's North Carolina Board of Dental Examiner's decision, there likely will be efforts in some jurisdictions to revisit professional licensing legislation to reduce perceived regulation. I endorse our current preparatory efforts toward this challenge.

Expansion of the value of the Certificate: Working from the feedback from President Ward's charge to each of the committees, there are many quality, actionable ideas that need to be implemented.

Strategic Plan evaluation and re-assessment: This working document has served well and is still relevant, however, much has changed since 2010 and its provisions should be re-visited and any gaps addressed.

Continuing evolution of the path to licensure: While substantial changes have been made in the eligibility to take the exam, the AXP duration and the structure of the ARE (5.0), the next step is refinement and correction based on the feedback from these changes.

Member Board interactive services and data base integration: A major part of the Strategic Plan, this is an on-going refinement and facilitation process that will be undergoing continual change.

AXP continuing development: Traditionally, the focus has been on interns; there now needs to be efforts made to improve the program through Mentor training and, possibly credentialing.

Preparation for the next Practice Analysis: Drawing from the (positive) experience of the last Practice Analysis, planning needs to start for the next cycle, if only to the extent of evaluating the timing and formulation.

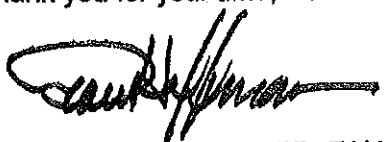
Evaluation and re-assessment of the NAAB accreditation process: Concurrent with the potential restructuring of ACSA/NAAB and in the context of the current economic and regulatory climate, the existing accreditation process, team structure and visit schedule(s) should be re-evaluated.

Expansion and development of international cooperation and regulation: Tri-lateral discussions with Australia and New Zealand have culminated in a Mutual Recognition Arrangement to be placed before the membership in June. Going forward similar opportunities and arrangements should be pursued; the Certificate is a perfect credential for United States Architects in this context.

Continuing support of ARE 4.0 and transition to ARE 5.0: Feedback from ARE 5.0 testing will begin the normal iterative process of test refinement that must always take place with the initial roll out of new exams.

From above, it should be evident that I feel NCARB is probably the most germane of the Architecture related professional organizations. The Council's responsibilities and challenges are significant and form the foundation for the perpetuation of the Profession. I feel that it is critical we maintain momentum on all fronts. The Council is blessed with bright, motivated, intelligent staff, a great CEO and a super important mandate. With these concerns and motivations in mind, I announce my Candidacy for NCARB Second Vice President. I welcome any questions or comments you may have and look forward to discussing these issues in more detail with you at the Regional Summit in March and the National Conference in June.

Thank you for your time, interest and hopefully, your support.



DAVE HOFFMAN, NCARB, FAIA, CDP, CRX
NCARB Treasurer
316 304 4402 dhoffman@lk-architecture.com

Patterson, Kathryn

From: John E. Cardone Jr. <no-reply@post.ncarb.org>
Sent: Thursday, February 18, 2016 12:59 PM
Subject: Candidacy for NCARB Public Director
Attachments: John Cardone- Candidate Public Director.pdf; John Cardone-Bio.pdf

Dear Member Board Members and Member Board Executives of Region 5,

Attached is my letter formally announcing my candidacy and request for your support to serve you as Public Director on the NCARB Board of Directors. I sincerely appreciate your consideration and support in the upcoming election.

Should you have any questions please call me at (337) 491-1381 or E-mail at jcardone@cityoflc.us. I look forward to visiting with you at the Regional Summit in Savannah, Georgia.

Thank you,

John Cardone, Jr.

John Cardone, Jr
City Administrator
Lake Charles, La. 70605
Jcardone@cityoflc.us

Candidate for Public Director
National Council of Architectural Registration Boards

To: Officers
Member Board Members
Member Board Executives

Re: Candidacy for Public Director
National Council of Architectural Registration Boards

Dear NCARB Friends,

In 2002 I was appointed to serve on the Louisiana Board as the first Public Member. During this time I have been involved at the Regional level and have served as Secretary, Treasurer, Vice-Chair and currently serve as Chair of Region 3.

During this time I have also been actively involved on several NCARB Committees which has given me the opportunity to learn and have a better understanding of the goals and objectives of this great Organization. I was appointed and served on the NCARB Committee on Education 2006-2007, Public Members Task Force 2014-2015, 2015-2016, Internship Committee and Internship Advisory Committee 2014-2015, Procedures and Documents 2010, 2011, 2012, 2013-2014, Chair 2015-2016 and Regional Leadership 2015-2016.

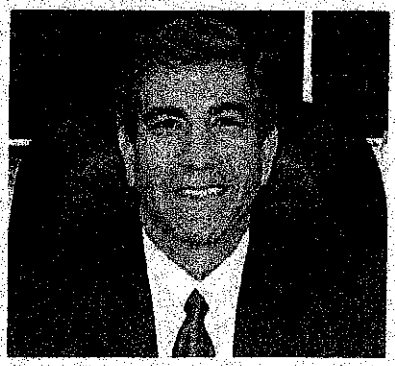
I am very excited about the direction of the Council and the many new initiatives that are being pursued. Recently, I had the opportunity to work and visit with many of you at the Regional Leadership Committee in Savannah, Georgia and the Committee Summit in Phoenix, Arizona. Both events were very productive and as we navigated through many issues such as the value of the Certificate, the development of ARE 5.0, and the Integrated Path to Licensure it provided me considerable insight into the vision and future direction of NCARB. The success and progress of NCARB is due to the dedication and effective leadership and I am proud to have been given the opportunity to participate in these endeavors.

This past year in response to the passage of Resolution 2015-03: A Bylaw Amendment modified the qualifications to elect a Public Director on the Council Board of Directors. The Resolution requires that the candidate for election as the Public Director be currently serving as a public or consumer member on a Member Board. It is with great excitement and enthusiasm that I announce my candidacy for the Public Directors position on the NCARB Board of Directors.

Serving has been very rewarding and I look forward to the challenges and opportunities ahead. It would be an honor and privilege to have the opportunity to represent you as the Public Director on the NCARB Board of Directors. I am committed and will continue to work towards the goals and objectives which are so important to us and respectfully ask for your consideration and support in the upcoming election. Please feel free to contact me at (337) 491-1381 or E-mail me at jcardone@cityoflc.us.

Sincerely,

John Cardone, Jr



John Cardone, Jr
3917 St. Philippe Dr.
Lake Charles, La. 70605
(337) 478-8056
Jcardone@cityoflc.us

Profession:
City Administrator
Lake Charles, Louisiana
Responsible for the Management and General Operations of the City

Education:
Louisiana State University
College of Business Administration – Bachelor of Science

NCARB Service:
Regional Leadership Committee - 2015-2016
Procedures and Documents Committee (Chair) - 2015-2016
Public Members Task Force - 2015-2016
Internship Committee - 2014-2015
Internship Advisory Committee - 2014-2015
Public Members Task Force - 2014-2015
Procedures and Documents - 2013-2014
Procedures and Documents - 2012 - 2013
Procedures and Documents - 2011- 2012
Procedures and Documents - 2010 – 2011
Committee on Education - 2006-2007

SC/NCARB Service:
Regional Chair - 2015-2016
Regional Vice-Chair – 2013, 2014
Regional Treasurer – 2011, 2012
Regional Secretary – 2010

LSBAE:
Board Member - 2002 - Present
Board President – 2006-2007, 2014-2015
Board Secretary – 2005-2006, 2012-2013
Complaint Review Committee (CRC) - 2004-2008, 2012, 2013, 2014, 2015

Community and Professional Service:

- IMCAL (Imperial Calcasieu Regional & Development Commission) 2007-2016
- IMCAL Executive Committee 2011-2016, Board Secretary 2013, Chair 2015
- MPO (Metropolitan Planning Organization) Technical Advisory Committee 2003-2016
- United Way for Southwest Louisiana
- Christmas in April (Rebuilding Together) - Member and Chairman,
- Board of Councilors, Christus St. Patrick Hospital
- Community Advisory Council - Christus St. Patrick Hospital
- American Heart Association – Company Leader
- Our Lady Queen of Heaven Parish Council and Chairman
- Parish Building Committee
- Parish Finance Committee
- Consolata Cemetery Board of Directors
- Team Green, Clean City, Beach Sweep and Recycling Program
- American Public Works Association
- Code Enforcement Association 1987, 1990 second Vice President
- Restoration of Central School - Arts and Humanities
- Emergency Management Institute – National Incident Management Systems
- Emergency Management Institute – National Response Plan
- Emergency Management Institute – Homeland Security/Emergency Preparedness
- Emergency Management Institute – Advance Incident Command Systems
- Building Plan Examiner, Building Code Analyst, Legal Aspects of Code Administration

NCA
ARCHITECTS · PLANNERS · AIA

To: Officers
Member Board Members
Member Board Executives

Date: February 3, 2016

Re: Candidacy for NCARB Secretary

Dear Friends,
As I complete my second year as Director of Region 6, I want to thank the NCARB Board and the Western Council of Architectural Registration Board for their support. It has been an honor to serve WCARB and the 12 jurisdictions within the region.

Without the member boards, NCARB would have no reason to exist. The relationship is not symbiotic because jurisdictions could still exist without NCARB. NCARB serves its member boards and the profession well in providing avenues that "facilitate regulating" the practice.

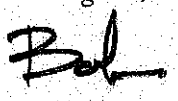
As always, many things have been accomplished with many more items to be addressed in the future. The development of the ARE 5.0, the changes to the IDP, including its renaming, and the proposed resolution to amend the BEA, are all issues that are being developed for the benefit of the jurisdictions and profession. The Integrated Path to Architectural Licensure (IPAL), NAAB's governance, adjusting fees and proposed changes to the education standard are important as well.

Though these issues relate to "facilitating licensure," we must always be alert to the jurisdictions' charge to protect the public. The goal of a monitored balance is always foremost in my discussions with the Board. The value of the certificate will be a standard charge with continuing education and licensure renewal being important elements.

I have been involved with NCARB for over 12 years and have extensive experience on various committees. Most of my efforts have been with the ARE where I met and worked with many of you. Recently I served as board liaison to the Internship Committee and Continuing Education. I will be completing my second term on the NCARB Board of Directors. I am now asking for your support in my effort to serve as Secretary.

I will see you at our Regional Summit in Savannah, GA. I look forward to the opportunity to discuss any concerns you may have. Please do not hesitate to contact me at the numbers or email listed below:

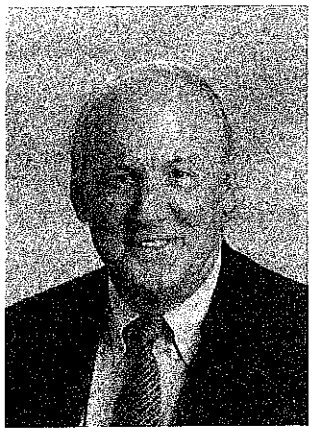
Best regards,



Bob Calvani
Office (505) 255-6400 / Cell (505) 280-3901 / Email rcalvani@nca-architects.com

Robert Calvani
Principal Architect
rcalvani@nca-architects.com

Practice



NCA Architects and Planners
Albuquerque, N.M.

Registration

New Mexico
Texas
Colorado
Arizona
Nevada

Education

Masters of Arch., UCLA
Bachelors of Arch., UNM

NCARB Service

NCARB Certificate Holder	1981-Present
ARE Subcommittee Building Systems	2004-2008
ARE Subcommittee Building Systems Coordinator	2007-2010
ARE Multiple Choice Subcommittee-Assistant Chair	FY11
ARE Multiple Choice Subcommittee-Chair	FY12-13
Examination Committee (COE)	FY10-14
ARE Specification Task Force	2007-2008
Practice Analysis Task Force	2011-2012
Practice Analysis Task Force-Team Leader	FY12
Practice Analysis Task Force-Steering Committee	2011-2013
Test Specification Steering Committee	FY12
Test Specification Task Force	FY12-13
Regional Leadership Committee	FY13-14
WCARB Executive Committee	2011-2014
WCARB Region 6-Chair	2012-2014
NAAB Visiting Team Nomination	2010-2015

Regional Director	2014-2016
Board Liaison to Intern Committee and Intern Advisory Committee	2014-2015
Board Liaison to Continuing Education Committee	2015-2016
Audit Committee	2015-2016

N.M. Board of Examiners for Architects since 2003

Chair
Vice Chair
Rules and Regulations Committee
Enforcement Sub Committee

Professional and Community Service

A.I.A.
N.M. Construction Industry Division Board
UNM Alumni President-Southern
Casa Esperanza Advisory
Del Norte Rotary Club-Charter
Cavern City Rotary Club
Ronald McDonald House Advisory
El Caballero Norte Board
Eastdale Little League Board
Junipero Serra Club Board
San Juan Diego Friary Advisory
Sigma Chi Housing Corporation Board
Executing Association of Greater Albuquerque (EAGA)
St. Edwards Church Advisory
Albuquerque Christmas Tree Club Board
Albuquerque Economic Development Board
Council of Educational Facility Planners International (CEFPI)

Patterson, Kathryn

From: Kingsley Johnson Glasgow <no-reply@post.ncarb.org>
Sent: Friday, February 19, 2016 2:12 AM
Subject: NCARB MBE Director - Candidacy Announcement
Attachments: NCARB_MBE_Director_Glasgow_Resume_2016.pdf; NCARB_MBE_BOD_Letter_KJG_2016.pdf

Dear Esteemed Colleagues,

1. It is with the utmost enthusiasm that I am formally announcing my candidacy for election to a third and final term as your representative on the NCARB Board of Directors. I am eternally grateful for the unwavering support each of you has extended during the past two years. I find myself incredibly energized by the opportunity to continue my service to our community and look forward to earning your continued trust and confidence.

I write each of you this morning from New Orleans, LA, as I prepare to host the second in a three-part series of new and exciting MBE Exchange Sessions. It has been my most sincere honor to spearhead the creation and development of these sessions, which will serve as a catalyst for collaboration, conversation, and fellowship among our peers. Due to the recent high level of MBE turnover and the elimination of the annual MBE Workshop, this new initiative is both timely and proving to be tremendously beneficial to our community. I am very appreciative to both President Ward and the board for validating my request for these meetings and continuing to value the MBE's perspective at the board table.

This past year has also witnessed another first and unprecedented change, as the MBE director to the board is now allowed a seat on the MBE Committee. This initiative was driven by observations following the completion of my first term as your ambassador to the board. I noted that the regional directors elected to the board remained accountable and tied to their constituency through the council's regional structure. It was my desire to ensure the same level of accountability and relevancy to my constituency through involvement on the MBE Committee. This change will ensure that I and future MBE directors remain informed, accountable, and aware of the current issues facing our peers. Again, I appreciate President Ward for validating these observations and supporting this long-term goal.

As you will note on my attached resume, my journey to get to this point easily proves my commitment to our future. In short, my involvement as an MBE goes back to 2008, shortly after accepting my original position with the Arkansas State Board of Architects. My service to the NCARB is broad and deep, as I have served on many committees, all while ensuring that the MBE's perspective was both clearly understood and heard.

It has been a great honor to serve you in so many capacities. I have been guided by one principlethroughout my service, regardless of the position or the committee. I report to you, the member board executives. Please never hesitate to contact me with your ideas or suggestions. My cell phone number is (301) 772-8937.

I ask for your continued trust, support, and vote as I look to complete my service. You have my unwavering commitment to devoting all of my energy to ensure that your voice is represented in a proactive, patient, and focused manner, so that we meet all of the challenges ahead.

Respectfully,

Kingsley Johnson Glasgow

Contact Information
101 East Capitol Avenue
Suite 110
Little Rock, AR 72201-3822
501-682-3171
501-772-8937 (mobile)
kingsley.glasgow@arkansas.gov

Kingsley Johnson Glasgow, of Little Rock, Arkansas, is the executive director of the Arkansas State Board of Architects, Landscape Architects, and Interior Designers. The board oversees the examination, registration, education, and professional regulation of architects, landscape architects, and registered interior designers.

As the current Member Board Executive Director on the NCARB Board of Directors, Glasgow represents the executive and administrative heads of the 54 U.S. architecture registration boards that are members of NCARB. He has volunteered for NCARB committees and task forces since 2008, serving as member and/or chair of the Member Board Executives Committee, the Procedures and Documents Committee, the Public Policy Task Force, Broadly Experienced Architect Committee, Future Title Task Force and the Interior Architecture Task Force.

Education

High School:	Arkansas Baptist High School, Little Rock, Arkansas
University:	Bachelor of Arts in Communications, Minor in Business Administration University of the Ozarks, Clarksville, Arkansas, 2000; Magna Cum Laude

Employment History

2008 - Present	Executive Director, Arkansas State Board of Architects, Landscape Architects, and Interior Designers
2006 - 2008	Executive Director, Arkansas State Board of Architects
2004 - 2006	Senior Policy Advisor for Economic Development and Technology, State of Arkansas, Office of the Governor
2002 - 2004	Senior Account Consultant, Clear Channel Worldwide
2000 - 2002	Chief Operating Officer, iCreative Marketing and Political Consultants

NCARB Service

Member Board Executive Director, NCARB Board of Directors, 2014 - 2016
Member, NCARB Broadly Experienced Architect Committee, 2015 - 2016
Member, NCARB Member Board Executives Committee, 2015 - 2016
Member, NCARB Audit Committee, 2014 - 2015
Member, NCARB Future Title Task Force, 2014 - 2015
Chair, NCARB Procedures and Documents Committee, 2013 - 2014
Member, NCARB Procedures and Documents Committee, 2012 - 2013
Chair, NCARB Member Board Executives Committee, 2011 - 2012
Chair, NCARB Member Board Executives Committee, 2010 - 2011
Member, NCARB Member Board Executives Committee, 2009 - 2010
Member, NCARB Public Policy Task Force, 2008 - 2009
Member, NCARB Interior Architecture Task Force, 2007 - 2008

Presenter, NCARB MBE Engagement Sessions, 2016
Moderator, NCARB MBE Workshop, 2010, 2011
Presenter, Member Board Executives/Member Board Chairs Workshop, 2010
Speaker, University of Arkansas, Fay Jones School of Architecture annually since 2010

NCARB Awards

President's Medal for Distinguished Service - 2014 Annual Meeting, Philadelphia, PA

ARKANSAS STATE BOARD
OF ARCHITECTS, LANDSCAPE ARCHITECTS, AND INTERIOR DESIGNERS

101 East Capitol Avenue
Suite 110
Little Rock, AR 72201-3822
Tel: 501-682-3171
Fax: 501-682-3172

Email: asbalaid@arkansas.gov

http://www.asbalaid.arkansas.gov

GOVERNOR

Asa Hutchinson

BOARD MEMBERS

Brooks Jackson, Jr., AIA
President
Architect Member
Little Rock, AR

Ronald F. Shelby, AIA
Vice President
Architect Member
Rogers, AR

William M. Hall, ASLA
Secretary/Treasurer
Landscape Architect Member
Jonesboro, AR

Shirley Boldon-Bruce
Public Member
Little Rock, AR

David M. French, AIA
Architect Member
Hot Springs, AR

George J. Krennerich III, AIA
Architect Member
Jonesboro, AR

Suzanne W. Laffoon, ASID
Registered Interior Designer Member
Searcy, AR

Rajesh Mehta
Public Member
Little Rock, AR

Lowell A. Wetherbee, Jr., AIA/NCARB
Architect Member
Bentonville, AR

BOARD STAFF

Kingsley Johnson Glasgow
Executive Director

Shana W. Bryant
Board Administrator

Terra N. Alexander
Executive Assistant

February 15, 2016

To: Ms. Maria Brown, Chair, MBE Committee; MBE Committee Members; and Member Board Executives

Dear Esteemed Colleagues:

It has been my distinct honor and privilege to serve as your ambassador for the past year. While we are now entering the second half of the council's fiscal year, my service continues to provide invaluable insight into NCARB's current business model and leadership structure. As you are aware, my second term will draw to a close on June 30, 2016; without a doubt, more challenging and exciting work remains.

Many of you have heard me express strong support for the unique perspective that our community provides. As NCARB becomes increasingly agile, its voice has never been more critical in shaping future council initiatives and policy decisions. I remain committed to assuring that your interests are represented during these formative discussions.

In addition, our community has witnessed its highest level of staff turnover in almost a decade. In response to this challenge and with the support of President Ward and the board, I am excited to have started a series of MBE Engagement Sessions. These sessions are tailored to allow for small-group discussions and exchanges of best practices. The first in a series of three sessions has already been completed to great reviews. Meeting opportunities like these sessions are critical to the support and connection of our colleagues.

I am excited to formally announce my candidacy to serve a third and final term as MBE director. I ask for your support and your vote in the upcoming election. As always, feel free to reach out at any time! I wish each of you safe travels to Savannah, Georgia.

Cordially yours,

Kingsley Johnson Glasgow

Patterson, Kathryn

From: Amy M. Kobe, Hon. AIA <no-reply@post.ncarb.org>
Sent: Monday, February 22, 2016 7:08 AM
Subject: NCARB MBE Director - Candidacy Announcement
Attachments: Amy Kobe Resume.pdf; Kobe MBE cover Letter.pdf

Dear Fellow Member Board Executives:

I am pleased to announce my candidacy for Member Board Executive on the NCARB Board of Directors.

As the Executive Director of the Ohio Architects Board, I have been actively involved in NCARB since my appointment in October 2004. Just a few short weeks after my arrival, I found myself at my first MBE meeting and was graciously welcomed by my new colleagues.

Since then, I have served on numerous NCARB committees, including the Licensure Task Force, which conceived the Integrated Path to Licensure, IDP, Procedures & Documents, and the MBE Committee.

Now I feel I am ready for a new challenge, serving as Member Board Executive on the NCARB Board of Directors.

Should I be selected to serve, you can be assured that I will bring to the position all of the extensive knowledge and experience I have acquired over these past twelve years. I will always be open to "blue sky" discussions and new ideas, but will not hesitate to question concepts not well-grounded, or which could have an adverse impact on Member Boards, Architects or exam candidates.

My candidacy has the full support of the members of the Ohio Architects Board, and I can assure you that I will do everything possible to serve in the most professional, thoughtful manner possible.

Thank you for your consideration.

Ohio
arc.ohio.gov

Ohio Architects Board
Ohio Landscape Architects Board

77 South High Street, 16th Floor Columbus, Ohio 43215-6108 (614) 466-2316

February 15, 2016

Dear Fellow Member Board Executives:

I am pleased to announce my candidacy for Member Board Executive on the NCARB Board of Directors.

As the Executive Director of the Ohio Architects Board, I have been actively involved in NCARB since my appointment in October 2004. Just a few short weeks after my arrival, I found myself at my first MBE meeting and was graciously welcomed by my new colleagues.

Since then, I have served on numerous NCARB committees, including the Licensure Task Force, which conceived the Integrated Path to Licensure, IDP, Procedures & Documents, and the MBE Committee. Now I feel I am ready for a new challenge, MBE on the NCARB Board of Directors.

Should I be selected to serve, you can be assured that I will bring to the position all of the knowledge and experience I have acquired over these past twelve years. I will always be open to "blue sky" discussions and new ideas, but will not hesitate to question concepts not well-grounded, or which could have an adverse impact on Member Boards, Architects or exam candidates.

My candidacy has the full support of the members of the Ohio Architects Board, and I can assure you that I will do everything possible to serve in the most professional, thoughtful manner possible.

Thank you for your consideration.

Sincerely,

Amy Kobe

Amy M. Kobe, Hon AIA

Amy M. Kobe, Hon AIA

Amy Kobe is Executive Director of the Ohio Architects Board and the Ohio Landscape Architects Board. With extensive leadership experience in both the government and non-profit sectors, she has served on numerous NCARB and CLARB committees as well as a leader of numerous non-profit organizations.

Education

MA, Ohio University, Political Science/Public Administration
BA, Miami University, American Studies

Experience

Ohio Architects Board, 2004—Present: Executive Director
American Institute of Architects, 1998-2004: Executive Director
Upper Arlington City Schools, 1996-1998: Job Coach, Substitute Teacher
ADVO, Inc., Columbus, Ohio, 1987-1994: Senior Advertising Representative
Easter Seal Society, Newark, Ohio, 1985-1986: Executive Director
American Red Cross, Newark, Ohio, 1984-1985: Program Director
Ohio State University, Newark, Ohio, 1982-1983: Lecturer, Political Science
State of Ohio, Columbus, Ohio, 1980-1981: Social Program Developer
Licking Co. Dept. of Human Services, 1977-1980: Intake Worker

NCARB/CLARB Committee Service

NCARB Procedures and Documents Committee (P&D), 2015-16
CLARB Regulating Welfare Task Force, 2014-2016
NCARB Licensure Task Force, 2014-2016
CLARB Board of Directors, MBE Observer, 2012-2013
NCARB IDP Advisory Committee, 2012-13
CLARB Member Board Executives, 2011-2013
NCARB Internship Committee, 2011-12
CLARB Social Media Ambassadors, 2010-2012
NCARB Committee on Credentials, 2010-12
NCARB Member Board Executives Committee, 2009-11
CLARB Communications Committee, 2009-2011

Awards/Certification

American Institute of Architects, Washington, DC—Honorary AIA
AIA Ohio—Presidential Citation
AIA Columbus—Outstanding Service Award
AIA Columbus—President's Award
AIA National Continuing Education Committee—Distinguished Service Award
CLARB—President's Award
Council of Architectural Component Executives—President's Award
American Society of Association Executives—Certified Association Executive (Retired)
Leadership Tomorrow, Newark, Ohio—Inaugural class graduate
NCARB—President's Award

Amy M. Kobe, Hon AIA, *continued*

Awards/Certifications

American Institute of Architects, Washington, DC—Honorary AIA
American Society of Association Executives—Certified Association Executive (Retired)
AIA Columbus—Outstanding Service Award
AIA Columbus—President's Award
AIA National Continuing Education Committee—Distinguished Service Award
AIA Ohio—Presidential Citation
CLARB—President's Award
Council of Architectural Component Executives—President's Award
Leadership Tomorrow, Newark, Ohio—Inaugural class graduate
NCARB—President's Award

Patterson, Kathryn

From: Terry L. Allers, AIA, NCARB <no-reply@post.ncarb.org>
Sent: Tuesday, February 23, 2016 1:37 PM
Subject: Candidate for NCARB Treasurer
Attachments: Terry Allers Professional Service 2016.pdf; 2016 Letter for Treasurer of the Board.pdf

Dear Member Board Executives,

Please find attached my cover letter and resume for the position of NCARB Treasurer.

I look forward to visiting with you at the Regional Summit in March.

Please contact me if you have any comments or questions regarding my candidacy.

Terry L. Allers AIA, NCARB, President

Allers Associates Architects PC

822 Central Avenue, Suite 320 | Fort Dodge, Iowa 50501

PH: 515-573-2377 | Cell: 515-570-2825

allerst@allersarchitects.com

ALLERS ASSOCIATES ARCHITECTS, PC
822 Central Avenue | Suite 320 | Fort Dodge, IA 50501
Telephone 515.573.2377 | www.allersarchitects.com

Terry L. Allers
NCARB, AIA

Candidacy for
Treasurer of the National Council of Architectural Registration Boards

1913 North Seventh Street
Fort Dodge, Iowa 50501
515-573-2300
allerst@allersarchitects.com
515-570-2825 (mobile)

Re: Officers
Member Board Members
Member Board Executives

Dear Friends:

Ten years ago I began my service to the Council when I was appointed to the BEA Committee. Since then I have been on several other committees and had the privilege to be a part of several NAAB visiting teams. For the past year it has been my honor to serve as Secretary on the NCARB Board of Directors and because of this position I have been on the Executive Committee. For the past two years I have been on the Audit Committee which has given me the opportunity to become more familiar with the financial aspects of the Council and has provided excellent preparation to become Treasurer of the NCARB Board.

You may remember that one of the initiatives that I wanted NCARB to consider while campaigning for Secretary is a program to train IDP Supervisors. With your support, the support of the Board of Directors and NCARB staff, that initiative is being seriously considered and we are working on a way to implement a training program that may include HSW continuing education hours.

I am also excited about how the Council is moving forward with many proposed new initiatives resulting from your valuable efforts. A few highlights include:

- Moving forward with the development of ARE 5.0 with planned testing in March.
- There are fourteen schools of architecture who are curently working on programs that will allow pre-graduation ARE access to participants in an integrated path to licensure programs.
- The Board of Directors has been considering a new BEA program and has given you, our members, the opportunity for further input during this past year after much discussion by NCARB jurisdictions at the MBE workshop and Committee Summit. The Board is planning to present more information at the Regional Meeting and present the final version in the form of a resolution to our members at the Annual Meeting in June to be voted on.
- The Architectural Experience Program (formerly known as the Intern Development Program) is a name change due to the task force's recommendation and the board's decision to no longer utilize the word intern in NCARB programs. We are currently working on the changes necessary in our Model Law which will be presented in a resolution at the Annual Meeting.

As you can see there are multiple programs that, due to the level of commitment and engagement of our volunteers, are now being considered by your NCARB board. I am blessed to have been the Board Secretary during this exciting time for our organization and I view my new role as Treasurer, with the help of staff, as critical in measuring the Council's financial health and reporting the financial impact of each of our programs to the Board . With your assistance there is more important work for us to do together. I would be extremely honored to represent each of you by continuing my service to NCARB as your Treasurer.

Therefore after careful thought and consideration, and after discussing my intentions with many of you, my friends and colleagues in NCARB, it is with great anticipation and excitement that I announce my candidacy for Treasurer of the NCARB Board of Directors. I am ready to hear from each of you and engage in a conversation of how together we can continue to make this a great organization of member board members. I look forward to our discussions in the coming weeks.

It is only with your support and guidance that I will have the honor to represent you on the NCARB Board of Directors.

With kindest personal regards,

Terry L. Allers, NCARB, AIA
NCARB Board Secretary

Terry L. Allers
NCARB, AIA

Candidate for
Treasurer
National Council of
Architectural
Registration Boards

1913 North Seventh Street
Fort Dodge, Iowa 50501
515-573-2300
allerst@allersarchitects.com

NCARB Service
NCARB Secretary of NCARB Board 2015
NCARB P & D Committee 2015
NCARB BEA Sub-Committee 2015
NCARB Region 4 Director 2013,2014
NCARB Committee on Examination 2014
NCARB Audit Committee 2014, 2015
NCARB/NAAB 2015 Procedures Task Force
NCARB Awards Jury 2013
NCARB Region 4 Vice Chair 2012
NCARB Region 4 Treasurer 2011
BEA Committee 2007, 2008, 2009, 2010, 2011
NCARB Education Committee 2012
NAAB Accreditation Team Pool, having served on Accreditation Visits in 2010, 2011, 2012 and selected to Chair a Team in 2013
IDP Mentor

Iowa Architectural Examining Board
Board Member serving three 3-year terms
Chairperson 2007, 2012, 2013; Vice Chair 2010, 2011
Code Definition Task Force 2009

AIA Iowa Chapter
Board of Directors 1993, 1994, 1995
Professional Development Committee Chair
Architecture in the Schools Task Force
AIA Citizen Architect 2012 - 2015

Iowa Architectural Foundation
Board of Directors 1998 to 2004
President 2004
Community Design Committee 2002 to present
CDC Event Co-chair for four communities
Endowment Committee 2005

Community

Fort Dodge Municipal Housing Agency
Board of Directors for 26 years
Chairman 1990, 1994/1995, 1998, 2002, 2005/2006, & 2011/2012

Education	Bachelor of Architecture, 1970 Iowa State University
Practice	Allers Associates Architects, PC President (1979 to present) 37 year-old, 6-person firm practicing in health care facilities, educational institutions, worship facilities, financial institutions, and commercial office projects
Registration	Iowa Minnesota NCARB Certification since 1974

Good Shepherd Lutheran Church
Chairman 5 terms, Elder 4 terms, and SS Teacher 9 years

Trinity Regional Health Foundation Board of Directors
Member 1998 - 2004
President 2003 & 2004

Fort Dodge Chamber of Commerce/Growth Alliance
Catalyst Award 2012 for Leadership in Service to Community
Member 1986 to present
Board Member 2000 to 2005
Chamber Ambassador 2001 to present
Vice President of Membership Services 2000 to 2004
'Small Business of the Year' Award to
Allers Associates Architects, PC 2000
Image Committee 2007 to 2010, 2012 to present
Fall Fest Committee for 10 years

Citizens Community Credit Union Board of Directors
2007 to present
Chair 2010, 2014, 2015

Historic Vincent House Advisory Committee
Board Member 1999 to present

National Council on Youth Leadership (NCYL)
North Central Iowa Chapter
Charter Board Member and Secretary 1993 to 2008

Fort Dodge YMCA
Board of Directors 1983 to1989
President 1986 to1987

Fort Dodge YMCA Foundation
Current Board Member 2000 to present

Main Street Fort Dodge
Board Member 1990 to1999
Design Committee Chair 1990 to 1999
1992 Project of the Year State Award - Building Survey

Sertoma Service Club
Member since 1980
President 2004, 2005
Five terms on the Board of Directors
Donated Design for Veterans Memorial Park

Habitat for Humanity
Donated Design for Four Homes for Fort Dodge

Fort Dodge Development Corporation
Board Member 2012 to present

Awards
Iowa Chapter AIA Design Award 1993
Metal Architecture Renovation of the Year 1995
Chamber of Commerce Catalyst Award 2012

Patterson, Kathryn

From: Brown, Maurice <MBrown@ncarb.org>
Sent: Tuesday, March 01, 2016 9:55 AM
To: Council Relations
Cc: Haese, Derek; Kirstein, Aura; Brown, Maurice
Subject: Legislative Tracker - February Update

Good afternoon,

Below is the Legislative Tracker monthly update for February 2016. This month's report includes a number of potentially significant bills and regulations addressing topics such as:

- ***Professional regulatory reform, executive oversight, and active supervision***
- ***Board realignment and potential removal of specific professions***
- ***Potential alternate paths to licensure***

Proposed bills in Georgia (GA 952) and Connecticut (CT SB 15) would require executive oversight intended to ensure that the state's professional licensing boards are entitled to antitrust immunity. Under these statutes, regulatory boards will have to receive approval from the governor or a state appointed commissioner in order to enact decisions. In Connecticut, a licensing board would be required to submit a decision to the Commissioner of Consumer Protection and await approval; while in Georgia the governor would actively supervise licensing boards by reviewing and approving (or vetoing) rules.

Bills in Arizona (AZ HB 2613 & AZ SB 1256) and West Virginia (WV HB 4313 & WV HB 4544) propose to remove certain professions from boards and re-arrange the composition of members. The statutes in West Virginia discontinues the Board of Landscape Architects and transfers its authority to the Board of Registration for Professional Engineers; adding just one landscape architect member. The acts in Arizona initially proposed removing landscape architecture and assayers from the Board of Technical Registration all together, however subsequent action has re-inserted landscape architecture.

This trend in legislation has significant implications for the profession of architecture and the authority of licensing boards and will be a key topic of discussion during the plenary session at next week's Regional Summit. In addition, NCARB will diligently monitor and research these bills, as well as others, as they progress through state legislatures. We encourage you and your colleagues to reach out to us (council-relations@ncarb.org) with specific bills or issues from your jurisdiction you believe is worth tracking.

To access the specific proposed bills from this month's report, select the hyperlinks below labeled 'Legislation' and 'Regulations'. You can also view additional bills and regulations through the interactive Legislative Track map. The map contains legislation and regulations introduced nationwide that affect the regulation of architecture and registration of architects.

Please do not hesitate to contact Maurice Brown, Manager Member Board Relations at mbrown@ncarb.org or myself at akirstein@ncarb.org with any questions or concerns.

NCARB

Legislative Tracker

Legislation | Regulations | Executive Oversight

The following are collections of proposed legislative bills, introduced nationwide, that affect the regulation of architecture and registration of architects. The bills are categorized into the separate reports: Legislation and Regulations.
To view the reports click on the links provided below.

I encourage you to examine the reports and explore any bill that may be of interest to you and your board!

February 2016

Legislation

Regulations

For additional bills please see the Legislative Tracking tab in the Members Only section of the NCARB website.

Please note that the comprised bills are under consideration, unless indicated otherwise, and are subject to change. The reports are by no means intended to comprehensive and the listing of bills does not indicate support, opposition, or any other position regarding the bill and should not be construed as such.

NCARB LET'S GO FURTHER

National Council of Architectural Registration Boards
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Customer Service: 202/879-0520

Connect with us: www.ncarb.org
Twitter | Facebook | LinkedIn

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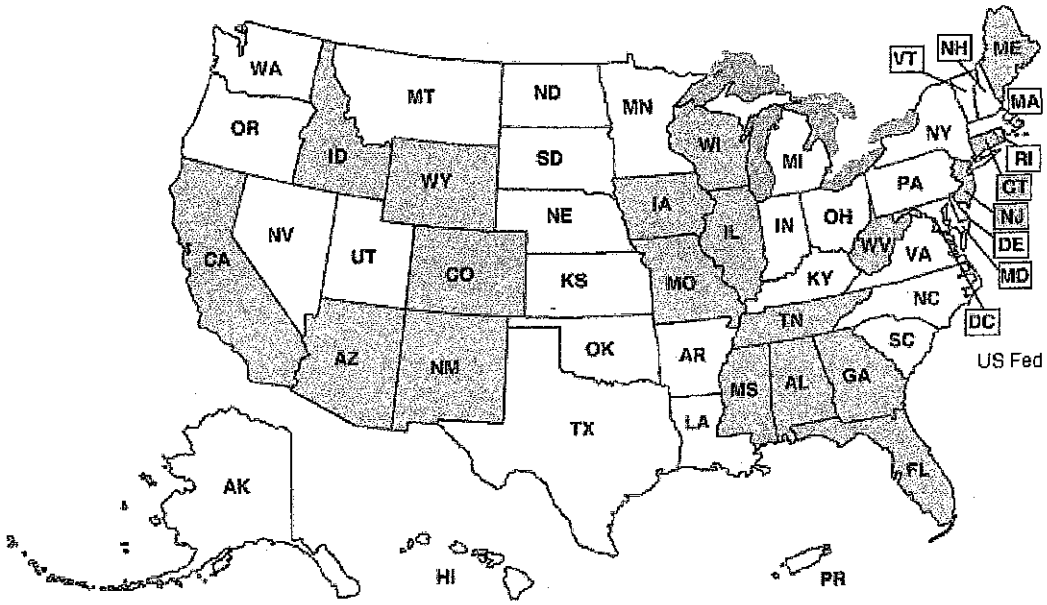
NCARB



Legislation - February 2016
February 26, 2016

Alabama 2016 — 1 Bill

Number: **AL [R] HB 55** - Updated (Status 02/23/2016)
Sponsor: Rep. April Weaver (REP-AL)
Title: Civil Procedure, certain caregiver volunteers immune from civil action, Sec. 6-5-332 am'd.
Status: Health first Amendment Offered - 02/23/2016
Summary:

- Proposed act would provide civil immunity to any person who volunteers without cost to provide temporary care under the direction of the primary home caregiver for a person who has a disability or a chronic illness
- Any licensed architect who participates in emergency response activities or in connection with a community emergency response team, county emergency management agency, the state emergency management agency or the Federal Emergency Management Agency are not liable for any civil damages as a result of services

Arizona 2016 — 3 Bills

Number: **AZ [R] HB 2613** - Updated (Hearing 02/26/2016)
Sponsor: Rep. Warren Petersen (REP-AZ)
Title: regulatory boards; licensing; revisions

Status: HOUSE SECOND READ - 02/09/2016

Summary:

- Technical and formatting changes
- Proposes removing landscape architect and geologist or assayer members from board of technical registration
- Proposes increasing the number of public members from 1 to 3
- Removes 'assayer' from section
- Sections pertaining to architects remain the unchained

Number: **AZ [R] SB 1256** - Updated (Text, Status 02/13/2016)

Sponsor: Sen. John Kavanagh (REP-AZ)

Title: drug lab remediation; assayers; repeal

Status: TRANSMIT TO HOUSE - 02/11/2016

Summary:

- Introduced bill revises statutes related to the board of technical registration; mostly technical and formatting changes
- Heading chapter is changed from 'Architects, assayers, engineers, geologists, home inspectors, landscape architects and surveyors' to 'Architect, engineers, geologists, home inspectors, landscape architects and surveyors'
- Assayer and assaying practice removed from code
- All other professionals remain unchanged

Number: **AZ [R] SB 1422** - Updated (Text, Status 02/23/2016)

Sponsor: Sen. Kimberly Yee (REP-AZ)

Title: board of technical registration; omnibus

Status: TRANSMIT TO HOUSE - 02/22/2016

Summary:

- Updates the term architect to include is registered as an architect pursuant to this chapter
- Delete the term Architect-in-training
- Eliminated architect in the qualification for in-training designation
- Of the professional engineers on the board, one is to be a civil engineer

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California 2015-2016 **2 Bills**

Number: **CA [R] ACR 131** - Updated (Status 02/19/2016)

Sponsor: Asm. Jim Patterson (REP-CA)

Title: Professions and vocations: licensing fees: equity.

Abstract: Relative to professions and vocations.

Status: Referred to Com. on B. & P. - 02/18/2016

Summary:

- Proposed action encourages the Department of Consumer Affairs and its boards and commissions to create policies that promote fairness and equity to guarantee

that each licensee pays a fair amount in regards to initial and ongoing license fees

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Number: **CA [R] SB 1132** - Updated (Status 02/21/2016)

Sponsor: Sen. Cathleen Galgiani (DEM-CA)

Title: Architects: architects-in-training.

Abstract: An act to amend Section 5500 of, and to add Section 5500.2 to, the Business and Professions Code, relating to professions and vocations.

Status: From printer. May be acted upon on or after March 20. - 02/19/2016

Summary:

- Adds the term Architect-in training
- An Architect-in-training" is s a person who has received board confirmation of eligibility for the Architect Registration Examination and is employed under the direct supervision of an architect licensed under this chapter.

Colorado 2016 **1 Bill**

Number: **CO [R] HB 1192** - Updated (Text 02/26/2016)

Sponsor: Rep. Daniel Kagan (DEM-CO)

Title: Recodification Of Sunset Provisions

Status: House Committee on Judiciary Refer Amended to House Committee of the Whole - 02/18/2016

Summary:

- Bill seeks to reorganize the sunset provisions of sections of 2-3-1203 and 24-34-104
- The Licensing of Landscape Architects and the Colorado State Board of Landscape Architects in the Department of Regulatory Agencies (in accordance with article 45 of Title 12, CRS) will be repealed July 1, 2017

Connecticut 2016 **1 Bill**

Number: **CT [R] SB 15** - Updated (Hearing 02/26/2016)

Sponsor: Sen. Martin M. Looney, 11th Dist.

Title: AN ACT ADOPTING THE REQUIREMENTS OF NORTH CAROLINA STATE BOARD OF DENTAL EXAMINERS V. FEDERAL TRADE COMMISSION AND MAKING MINOR REVISIONS TO BOARDS AND COMMISSIONS STATUTES.

Abstract: To implement the Governor's budget recommendations.

Status: Referred to Joint Committee on Government Administration and Elections - 02/04/2016

Summary:

Description is an act adopting the requirements of NC State Board of Dental Examiners V. FTC

- Relates to each board within the Department of Consumer Protection which include the Architectural Licensing Board

- Adds another level of review for boards

- The board shall exercise its statutory function. Such function shall be a proposed decision and subject to the approval, rejection or modification by the commissioner
- The board shall transmit any proposed decision to the Commissioner of Consumer Protection.
  - Within 30 calendar days of receipt of a proposed decision the Commissioner of Consumer Protection will render the final decision.
  - The commissioner may approve, modify, reject, or propose the decision for further review
- The decisions of the commissioner shall be final
- If the commissioner fails to make a decision within the 30 day period, the proposed decision shall be conserved approved by the commissioner

Florida 2016 **1 Bill**

Number: **FL [R] SB 1050** - Updated (Text, Status 03/01/2016)

Sponsor: Appropriations

Title: Department of Business and Professional Regulation

Abstract: Department of Business and Professional Regulation; Repealing provisions relating to business agents, licenses, and permits; revising the information that talent agencies are required to enter on records; providing that certain actions are grounds for civil causes of action and remedies; requiring that a license be in the name of a qualifying agent rather than the name of a business organization; authorizing the Board of Architecture and Interior Design to deny an application under certain circumstances; requiring that a qualifying agent notify the department when she or he ceases to be affiliated with a business organization; requiring a business organization to include the license number of a certain registered architect or interior designer in any advertising, etc.

Status: Placed on Calendar, on 2nd reading - 02/29/2016

Summary:

- This act proposes numerous changes to regulated professions and occupations
- The following changes were proposed for Section 31. Section 481.219 – Edited to expand requirements for business organization qualifying agents to include a licensee that practices architecture or interior design to the public or at a business organization
  - A business organization cannot practice architecture unless its qualifying agent is a registered architect; business organizations cannot practice interior design unless its qualifying agent is a registered architect or interior designer
  - If the qualifying agent terminates affiliation with organization, the organization must replace the agent within 60 days
  - The Board can allow applicants to qualify one or more business organizations
  - A business organization that is qualified by a registered architect may use the term 'interior designer' or 'registered interior designer'
  - Each registered architect or interior designer must include their license number in any advertising medium used

Georgia 2015-2016 **1 Bill**

Number: **GA [R] HB 952** - Updated (Status 03/01/2016)

Sponsor: Rep. Chad Nimmer (REP-GA)

Title: ""Georgia Professional Regulation Reform Act""; enact

Abstract: A BILL to be entitled an Act to amend Title 43 of the Official Code of Georgia Annotated, relating professions and businesses, so as to enact the ""Georgia Professional Regulation Reform Act""; to provide for executive oversight of licensing boards; to establish state policy for the regulation of certain professions and businesses; to provide for legislative intent; to provide for definitions; to provide for related matters; to repeal conflicting laws; and for other purposes.

Status: Senate Read and Referred - 02/29/2016

Summary:

- Provide executive oversight of licensing boards to ensure that the state's professional licensing boards are entitled to antitrust immunity
- The governor has the authority and duty to actively supervise professional licensing boards by:
  - Reviewing and approving or vetoing any rule before it is filed with the Secretary of State (if it is required to be filed)
  - Reviewing and approving or vetoing any rule that is challenged via an appeal to the governor
  - Approving, remanding, modifying, or reversing any action by a board that is:
    - Challenged via an appeal to the governor or submitted by a board
- Promulgate any rules or executive orders in order to effectuate the provisions of this Act; including rules or orders to the process, procedures, and timelines

Iowa 2015-2016 **1 Bill**

Number: **IA [R] SF 2167** - Updated (Status 02/28/2016)

Sponsor: Sen. Charles Schneider (REP-IA)

Title: A bill for an act relating to regulation and supervision of executive branch administrative units that regulate a profession.

Status: Subcommittee, Dvorsky, Chapman, and Dearden. S.J. 229. - 02/15/2016

Summary:

- Establishes state policy for regulation of executive branch administrative unites that regulates a profession
- Beginning January 1, 2018 the legislative services agency will review administrative rules of the executive branch that regulates a profession on a five year rotation to evaluate compliance
- State policy regarding regulating professions – the executive branch administrative unit will:
  - Pursue policies that increase opportunities and promote competition
  - Adopt least restrictive regulations to protect consumers
  - Enforce laws or rules related to the regulation of professions against a person engaged in the practice

- Provide active supervision of executive branch administrative units that regulate a profession to ensure the unit and their employees avoid liability under federal antitrust laws
- Regulatory approach of an executive branch administrative unit will be evaluated on the following activities ranked from least to most restrictive:
  - Market competition regulations
  - Private certificate requirements
  - Special private civil cause of action to remedy consumer harm
  - Deceptive trade practices regulations
  - Regulation of providing specific goods or services to consumers
  - Inspection requirements
  - Bonding or insurance requirements
  - Registration requirements
  - Government certification requirements
  - Professional licensure requirements
- Active supervision means approval, modification, or rejection of the following actions taken by an executive unit – disciplinary action against a person authorized to practice the profession by the unit and adoption of a new or amendment to an existing rule or policy
  - Includes conducting investigations and cooperating with legislative services agencies

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Idaho 2016 **3 Bills**

Number: **ID [R] H 482** - Updated (Status 03/01/2016)

Sponsor: HEALTH AND WELFARE COMMITTEE

Title: Boards/qualifications/consumr membr

Abstract: BOARDS - Amends existing law to revise qualifications for various licensure boards so that all members serve at the pleasure of the Governor and each board has at least one consumer member.

Status: U.C. to hold place on third reading calendar one legislative day - 02/29/2016

Summary:

- Proposes to revise qualifications for various licensure boards (including Architect Board of Examiners) so that all members serve 'at the pleasure of the Governor' and each board has at least one consumer member (5 architect members and 1 member of the public with an interest in the rights of consumers of architectural services)
  - The same language is used for sections pertaining to landscape architect board (2 landscape architect members and 1 public member) and board of licensure of professional engineers and professional land surveyors (4 professional engineer members, 2 professional land surveyors, and 1 public member)
- Section on filling vacancies on the board is revised to state that the governor will appoint a qualified individual to fill the vacancy and may consider recommendations for appointment form any organization and from any individual residing in the state

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Number: **ID [R] H 520** - Updated (Status 02/20/2016)
Sponsor: BUSINESS COMMITTEE
Title: Contracts, design professionals
Abstract: CONTRACTS - Amends existing law to prohibit certain provisions in contracts between governmental entities and design professionals.
Status: Reported Printed and Referred to Business - 02/19/2016
Summary:
A contract between an architect and a government entity to hold harmless anything other than their own respective negligent act is considered void and unenforceable

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Number: **ID [R] S 1219** - Updated (Status 03/01/2016)
Sponsor: STATE AFFAIRS COMMITTEE
Title: Public works contracts
Abstract: PUBLIC WORKS CONTRACTS - Amends existing law to provide for compensation of construction managers and general contractors, to provide that certain costs may be incorporated into a contract, to provide that certain bids shall be handled in a particular manner, to clarify how construction managers and general contractors may bid, to provide that certain terms shall be included in certain contracts and to remove a provision relating to compensation.
Status: U.C. to hold place on third reading calendar one legislative day - 02/29/2016
Summary:

- Amends existing law to provide for compensation of construction managers and general contractors, to provide that certain costs may be incorporated into a contract, to provide that certain bids shall be handled in a particular manner
- A licensed architect may provide public works construction management services and design services on the same project and will not include the procurement of equipment or construction work normally required by competitively bidding rules for public works construction

Illinois 2015-2016 — 1 Bill

Number: **IL [R] SB 2236** - Updated (Text 02/17/2016)
Sponsor: Sen. Scott Bennett (DEM-IL)
Title: PROF REG-STUDENT LOAN DEFAULT
Abstract: Amends various acts to remove provisions allowing or requiring licensing authorities to revoke professional licenses for defaulting on an educational loan provided by or guaranteed by the Illinois Student Assistance Commission. Effective immediately.
Status: Added as Chief Co-Sponsor Sen. Mattie Hunter - 02/02/2016
Summary:

- Eliminates section 22 (c) of the Illinois Architecture Practice Act relating to:
  - denying a license or renewal to a person who has defaulted on an educational loan provided by or guaranteed by the Illinois Student Assistance Commission

Maine 2015-2016 — 1 Bill

Number: **ME [R] LD 1598** - Updated (Status, Hearing 02/26/2016)

Title: An Act To Amend Procedures for the Licensing of Architects and Foresters

Status: Report READ and ACCEPTED, in concurrence. On motion by Senator Volk of Cumberland REFERRED to the Committee on Labor, Commerce, Research and Economic Development and ordered printed pursuant to Joint Rule 218, in concurrence. - 02/25/2016

Hearings: 1. 03/03/2016 13:00
[ ] - **Labor, Commerce, Research And Economic Development** -
Cross Building, Room 208

1. 03/03/2016 13:15
[ ] - **Labor, Commerce, Research And Economic Development** -
Cross Building, Room 208

Summary:

- Proposed act amends procedures for licensing architects by removing the 3 years of practical experience requirement and authorizing the State Board for Licensure of Architects, Landscape Architects and Interior Designers to create a rule which specifies the amount of practical experience under the supervision of an experienced architect or architects that an applicant for licensure as an architect must complete before obtaining a license

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Missouri - Prefiles 2016 **3 Bills**

Number: **MO [R] HB 2461** - Updated (Status 02/25/2016)

Sponsor: Rep. Robert Ross (REP-MO)

Title: Removes the requirement that land surveyors submit letters of reference in order to be licensed

Status: Referred: Professional Registration and Licensing(H) - 02/24/2016

Summary:

- Proposes to review the requirement that land surveyors submit letters of reference in order to be licensed

---

Number: **MO [R] HB 2629** - Updated (Status 03/01/2016)

Sponsor: Rep. Bart Korman (REP-MO)

Title: Modifies provisions relating to the licensure of land surveyors

Status: Read Second Time (H) - 02/29/2016

Summary:

- Proposed bill enacts two new sections to the licensure of land surveyors
- Section 327.312: An applicant for land surveyor in training who is 21 years of age, of good moral character, a high school graduate\ (or GED), and either
    1. Nine (9) hours of approved surveying course work; or
    2. At least sixty hours of college credit which must include credit for at least seventeen (17) hours of approved surveying course work; or
    3. Has passed at least nine (9) semester hours of approved surveying course work
- A person may apply for licensure if they present the following:

- At least four years of professional experience, only one year of which may occur prior to enrollment as a land surveyor in training for those who enrolled under subdivisions (1) and (2) of section 327.312 and only two years of which can occur prior to enrollment as a land surveyor in training under subdivision (3) of section 327.312; and
- Beginning January 2, 2021, passed at least fifteen (15) semester hours of approved surveying course work

---

Number: **MO [R] SB 828** - Updated (Text 01/15/2016)

Sponsor: Sen. Scott Sifton (DEM-MO)

Title: Provides that attorneys and title insurance companies are not precluded by land surveyor statutes from preparing property descriptions

Abstract: SB 828 - This act provides that certain sections of law pertaining to the practice of land surveying do not preclude attorneys or title insurance companies from preparing maps, conducting real estate title investigations, or preparing land or legal descriptions.

Status: Second Read and Referred S Small Business, Insurance and Industry Committee - 01/12/2016

Summary:

- Bill seeks to provide that certain sections of law pertaining to the practice of land surveying do not preclude attorneys or insurance companies from preparing maps, conducting real estate title investigations, or preparing land or legal descriptions

---

Mississippi 2016 **2 Bills**

Number: **MS [R] HB 1317** - Updated (Status 02/24/2016)

Sponsor: Rep. Chris Johnson (REP-MS)

Title: Good Samaritan Law for Architects and Engineers; create.

Abstract: AN ACT TO CREATE THE GOOD SAMARITAN LAW FOR ARCHITECTS AND ENGINEERS; TO PROVIDE PROTECTION FROM LIABILITY FOR ARCHITECTS AND ENGINEERS IN EMERGENCY SITUATIONS; AND FOR RELATED PURPOSES.

Status: (H) Died In Committee - 02/23/2016

Summary:

- Creates a good Samaritan law for engineers and architects
- If a registered architect provides services related to a declared national emergecny and at the request of the appropriate official the register architect shall not be liable for personal injury, death, property damages related to the architect's error or omissions in service
- Immunity only apply to voluntary services that occurred during the emergency or 90 days following the emergency
- Immunity is no provided for wanton, willful or intentional misconduct

---

Number: **MS [R] SB 2369** - Updated (Status 02/24/2016)

Sponsor: Sen. W. Briggs Hopson (REP-MS)

Title: Good Samaritan law; enact for certain disaster volunteers.

Abstract: AN ACT TO GRANT IMMUNITY TO CERTAIN PEOPLE WHO VOLUNTEER PROFESSIONAL SERVICES IMMEDIATELY AFTER A DISASTER; AND FOR RELATED PURPOSES.

Status: (S) Died In Committee - 02/23/2016

Summary:

- Act would grant immunity to licensed architects who volunteer professional services immediately after a disaster

---

New Jersey 2016-2017 **2 Bills**

Number: **NJ [R] A 751** - Updated (New 01/28/2016)

Sponsor: Asm. Paul Moriarty (DEM-NJ)

Title: Provides alternative pathway for architects licensed in another state to be licensed as architects in New Jersey.

Status: Introduced, Referred to Assembly Regulated Professions Committee - 01/27/2016

Summary:

- Provides for an alternative path to architects licensed in another jurisdiction
- Those who pay the appropriate fees, completed NCARB's IDP and the ARE, may be granted a certificate

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Number: **NJ [R] A 1982** - Updated (New 01/28/2016)

Sponsor: Speaker Vincent Prieto (DEM-NJ)

Title: Requires certain civil actions against certain licensed persons to be brought within two years.

Status: Introduced, Referred to Assembly Judiciary Committee - 01/27/2016

Summary:

- An action for malpractice against and architect must be brought within two years

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New Mexico - Adjourned 2016 **1 Bill**

Number: **NM [R] SB 105** - Updated (Status 02/19/2016)

Sponsor: Sen. Sue Beffort (REP-NM)

Title: EXPEDITED PROFESSIONAL LICENSURE

Abstract: RELATING TO LICENSING; PROVIDING FOR EXPEDITED OCCUPATIONAL AND PROFESSIONAL LICENSING OF APPLICANTS WHO ARE LICENSEES IN GOOD STANDING IN ANOTHER JURISDICTION IN THE UNITED STATES.

Status: Senate Prefile [1] Senate Committees Committee/Senate Public Affairs Committee/Senate Judiciary Committee-Senate Committees Committee [6]Bills that fall within the purview of a 30 day session-Senate Public Affairs Committee [12] DO PASS committee report adopted-Senate Judiciary Committee [16] DO PASS, as amended, committee report adopted [17] Floor amendment adopted- Passed Senate (41-0) [15] House Judiciary Committee [17] DO PASS committee report adopted [18] Passed House (65-0) - 02/17/2016

Summary:

- The board shall issue a license to a qualified applicant who submits satisfactory evidence of holding a current license in good standing in another US jurisdiction, and
- if required, provides fingerprints or other information for a national criminal background check

Tennessee 2015-2016 — 1 Bill

Number: **TN [R] SB 2534** - Updated (Status 02/25/2016)

Sponsor: Sen. Mark Norris (REP-TN)

Title: Professions and Occupations - As introduced, revises various provisions regarding cemetery owners and companies, architects, insurers, shops licensed by the board of cosmetology and barber examiners, funeral directors, real estate firms, real estate brokers, affiliate brokers, time-share salespersons, and acquisition agents. - Amends TCA Section 46-2-101; Section 56-1-213 and Title 62.

Abstract: Professions and Occupations - As introduced, revises various provisions regarding cemetery owners and companies, architects, insurers, shops licensed by the board of cosmetology and barber examiners, funeral directors, real estate firms, real estate brokers, affiliate brokers, time-share salespersons, and acquisition agents. - Amends TCA Section 46-2-101; Section 56-1-213 and Title 62.

Status: Placed on Senate Commerce and Labor Committee calendar for 3/1/2016 - 02/24/2016

Summary:

- Introduced bill revises provisions of professions and occupations; amends existing language and makes technical corrections
  - Tennessee Code Annotated, Section 62-2-304: The board has the authority to issue a certificate of registration for an applicant who does not meet the requirements of this chapter if they:
    - Hold an unexpired certification of qualification or registration from another state;
    - Holds an unexpired NCARB certificate; and
    - Presents proof of certificates to the Board

Wisconsin 2015-2016 — 3 Bills

Number: **WI [R] AB 686** - Updated (Status 02/26/2016)

Sponsor: Law Revision Committee

Title: An Act Relating to: affecting various provisions of the statutes to correct errors and reconcile conflicts (Correction Bill).

Status: Asm. - Presented to the Governor on 2-25-2016 - 02/25/2016

Summary:

- Clarifies statues 2013 Wisconsin Act 124 is not repealed by 2013 Wisconsin Act 358
- Section 15.405(2)(a) - the examining board shall be divided into an architect section, a landscape architect section, a professional engineer section, a designer section, and a professional land surveyor section. Each section shall consist of the 3 members of the named profession appointed to the examining board and 2

public members appointed to the section. The examining board shall elect its own officers and shall meet at least twice annually.

Number: **WI [R] AB 934** - Updated (New 02/19/2016)

Sponsor: Rep. Dale Kooyenga (REP-WI)

Title: An Act to amend 443.02 (3) and 443.02 (4); and to create 443.015 (1m) of the statutes; Relating to: exemption from continuing education requirements for certain retired professionals holding credentials granted by the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers, and Professional Land Surveyors and requiring the exercise of rule-making authority. (FE)

Status: Asm. - Read first time and referred to Committee on Workforce Development - 02/18/2016

Summary:

- Act would create statute related to exempting certain retired professionals registered by the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers, and Professional Land Surveyors from continuing education requirements
- Under this bill, any rules must provide that an applicant for credential renewal who is at least 65 years of age or who has actively maintained that credential for a minimum of 30 consecutive years is exempt from continuing education requirements upon certification to the examining board that the applicant has retired from professional practice and no longer engages in that practice
- Exempt individual must pay one-half of the applicable renewal fee to maintain professional credential
- Retired professional maintains their professional title but may not engage in relevant practice

---

Number: **WI [R] SB 561** - Updated (Text 01/26/2016)

Sponsor: Law Revision Committee

Title: An Act Relating to: affecting various provisions of the statutes to correct errors and reconcile conflicts (Correction Bill).

Status: Sen. - Available for scheduling - 01/12/2016

Summary:

- Clarifies statues 2013 Wisconsin Act 124 is not repealed by 2013 Wisconsin Act 358
- Section 15.405(2)(a) - the examining board shall be divided into an architect section, a landscape architect section, a professional engineer section, a designer section, and a professional land surveyor section. Each section shall consist of the 3 members of the named profession appointed to the examining board and 2 public members appointed to the section. The examining board shall elect its own officers and shall meet at least twice annually.

West Virginia 2016 **2 Bills**

Number: **WV [R] HB 4313** - Updated (Status 02/06/2016)

Sponsor: Del. Gary Howell (REP-WV)
Title: Relating to qualifications of members of the Board of Architects
Status: S - To Government Organization - 02/05/2016
Summary:

- Proposes that Board of Architect is composed of 7 members
  - 3 must be architects (2 must be retired, inactive, or emeritus members and 2 must be lay members)
  - Any unlicensed member who is retired, inactive, or emeritus immediately and automatically forfeits their membership on the board if they obtain an active license that would permit them to practice

---

Number: **WV [R] HB 4544** - Updated (New 02/17/2016)
Sponsor: Del. Gary Howell (REP-WV)
Title: Discontinuing the West Virginia Board of Landscape Architects and transferring its duties and authority to the Board of Registration for Professional Engineers
Status: H - To House Government Organization - 02/16/2016
Summary:

- Discontinues the West Virginia Board of Landscape Architects and transfers its authority and duties to the Board of Registration for Professional Engineers
- Modifies the Engineering Board to a six member board, where 5 members are engineers and 1 is a landscape architect

---

Wyoming - Prefiling 2016 **1 Bill**

Number: **WY [R] SF 55** - Updated (Status 02/11/2016)
Sponsor: Sen. Charles Scott (REP-WY)
Title: Licensure board powers.
Abstract: AN ACT relating to professions and occupations; providing for active oversight of certain boards and commissions as specified; providing additional duties for the state health officer and the office of the attorney general; providing for additional study of issues resulting from the United States Supreme Court decision in North Carolina Board of Dental Examiners v. Federal Trade Commission, 135 S. Ct. 1101 (2015) and related court decisions; and providing for an effective date.
Status: Introduced and Referred to S10 - Labor 30-0-0-0-0 - 02/10/2016
Summary:

- Proposed bill provides active oversight for certain boards and commissions under the Department of Health
- A board or commission is subject to this act if a controlling number of decision making members are active members of the profession being regulated. If subject to this act, the board must:
  - Not take any action to prohibit any person from performing actions within the scope of practice. If the action is not explicitly authorized by

    statute the board shall contact the office of the attorney general before taking the action and shall not act on the matter without a written

affirmative decision of that office confirming the authority of the board to act

- Deny licenses, revoke or limit licenses, or discipline members of the professions it regulates except if the board is relying on a general provision, including, but not limited to protection of health or safety or unprofessional conduct or good moral character

Totals	**31 Bills**

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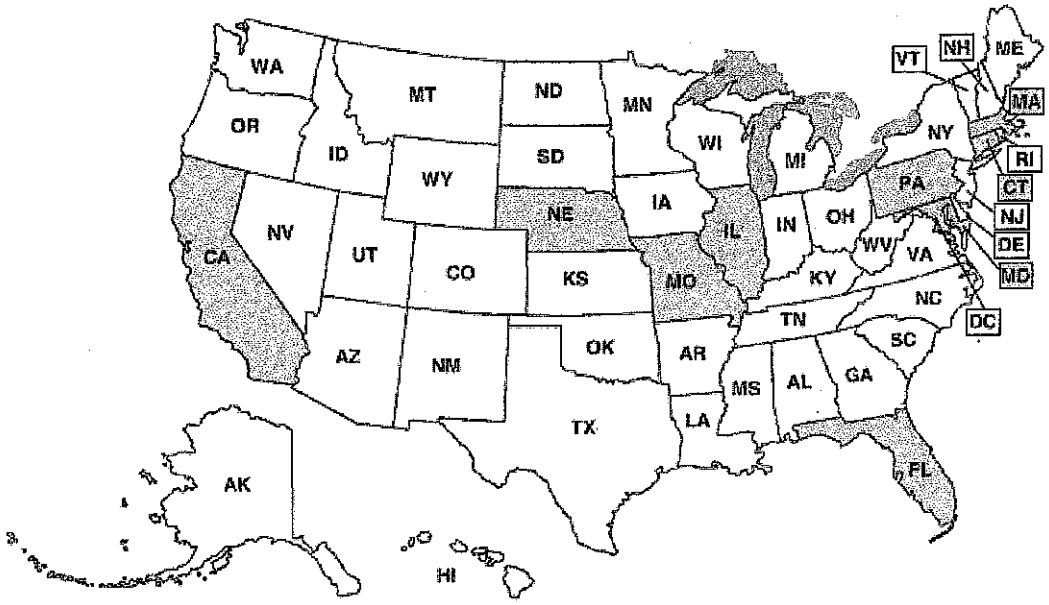
NCARB



February 2016 Regulations Update February 26, 2016

State: California 2

Regulations

Agency: California - Board For Professional Engineers, Land Surveyors and Geologists

Type: Final

Action Text: Summary of Regulatory Actions - Register Entry

Full Text: Summary of Regulatory Actions - Full Text

Citation: Title 16, 420.1, 3021.1

Description: Publication of "Changes Without Regulatory Effect"

Register: Register 2016, NO. 6-Z - 02/05/2016

Summary:

- Amendments remove references to Business and Professions Code sections 6760, 7848 and 7848.1 within the regulation text due to Senate Bill 152 repealing those code sections
- SB 152 deletes the provisions that allowed for a temporary authorization to practice as an engineer, a geologist or geophysicist

Agency: California - Division of The State Architect

Type: Notice

Action Text: Disapproval Decision - Register Entry
Citation: Title 21, Sections 133, 134, 135, 136, 137, 138, 141, 151, 161, 162, 163, 164, 165, 171, 111, 112, 113, 114, 121, 131, 133 (renumbered to 132), 132, 134, 135, 136, 141, 151, 152, 153
Description: Certified Access Specialist Program
Register: Register 2016, NO. 5-Z - 01/29/2016
Summary:

- The Office of Administrative Law disapproves the Division of the State Architect's proposed regulatory amendments to the certified access specialist (CASp) program
- The proposed action sought to clarify and update requirements for CASp eligibility, examination, certification, certification renewal, continuing education and disciplinary actions, and establishes professional standards for the administration of CASp services

State: Connecticut 1 Regulations

Agency: Connecticut - Department of Consumer Protection
Type: Final
Action Text: Adopted Regulations - State Filing
Full Text: Adopted Regulations - Full Text
Citation: 20-289-7
Description: Electronic Seals in the Practice of Architecture
Register: Volume LXXVII No. 21 - 11/24/2015
Summary:

- Final form of regulation permits the use of an electronic seal by architects

State: Florida 3 Regulations

Agency: Florida - Department of Business and Professional Regulation
Type: Final (Effective: 01/31/2016)
Action Text: Index to Rules Filed During Preceding Week - Register Entry
Full Text: Index to Rules Filed During Preceding Week - Full Text
Citation: 61G1-24.002
Description:

Instructions, Applications and General Information for Architecture Continuing Education

Register: FAR Issue Vol. 42/No. 12 - 01/20/2016

Summary:

- Board of Architecture and Interior Design requirements for continuing education available in the Board's publication "Architecture Continuing Education Handbook Instructions, Applications and General Information for Architecture Continuing Education" ("the Handbook") (2015) (http://www.flrules.org/Gateway/reference.asp?No=Ref-06414)

Agency: Florida - Department of Business and Professional Regulation

Type: Notice

Action Text: Notice of Change/Withdrawal - Register Entry

Citation: 61G1-24.001

Description: Continuing Education for Architects

Register: FAR Issue Vol. 42/No. 21 - 02/02/2016

Summary:

- Board of Architecture and Interior Design propose technical and formatting changes to continuing education rules (61G1-24.001):
  - Each architect in Florida shall complete a minimum of 24 ~~contact~~ hours of continuing professional education per biennial period
  - At the time of licensure renewal, an architect will certify completion of ~~attest to completing~~ 24 hours for the prior reporting cycle

Agency: Florida - Department of Business and Professional Regulation

Type: Notice

Action Text: Notice of Change/Withdrawal - Register Entry

Citation: 61G1-21.001

Description: Continuing Education for Interior Designers

Register: FAR Issue Vol. 42/No. 21 - 02/02/2016

Summary:

- Board of Architecture and Interior Design propose technical and formatting changes to

continuing education rules for interior designers (61G1-21.001):

- Each interior designer in Florida shall complete a minimum of 20 ~~contact~~ hours of continuing professional education per biennial period
- At the time of licensure renewal, an interior designer will certify completion of ~~attest to completing~~ 20 hours for the prior renewal cycle

State: Illinois 1 **Regulations**

Agency: Illinois - Capital Development Board

Type: Final (Effective: 01/20/2016)

Action Text: NOTICE OF ADOPTED AMENDMENTS - Register Entry

Citation: 71 Ill. Adm. Code 600

Description: Illinois Energy Conservation Code

Register: Volume 40, Issue 6 - 02/05/2016

Summary:

- The Energy Efficient Building Act requires the adoption of latest published edition of the International Code Council's International Energy Conservation Code (IECC) as the energy code for Illinois. This rulemaking updates the version of the Code from the 2012 IECC to the 2015 IECC.
- The Executive Director of the Capital Development Board shall appoint an Illinois Energy Conservation Advisory Council. The Council will be composed of the following:
  - Executive director or their representative
  - 11 additional members appointed by the Executive Director:
    - 1 person representing the Department of Commerce and Economic Opportunity;
    - 2 persons representing the residential construction contracting industry;
    - 2 licensed architects;
    - 1 licensed mechanical engineer;
    - 1 licensed electrical engineer;
    - 2 persons representing local code officials; and

        - 2 persons representing the construction contracting industry
    - Members serve for 4 year terms and may be reappointed upon the expiration of their term.
- Provisions of the Illinois Energy Conservation Code require that commercial and residential buildings must demonstrate minimum compliance including displaying the seal of the architect/engineer.

State: Maryland 1 Regulations

Agency: Maryland - Board of Architects
Type: Proposed
Citation: COMAR 09.21.01
Description: General Regulations
Register: Volume 43, Issue 02 - 01/22/2016
Summary:

- Board proposes to amend Regulation .04 under COMAR 09.21.01 'General Regulations' to clarify the current education equivalency matrix for exam applicants who do not have an accredited degree or wish to qualify for the exam with less than an accredited undergraduate degree or do not have an undergraduate degree

State: Massachusetts 1 Regulations

Agency: Massachusetts - Executive Office for Administration and Finance
Type: Final (Effective: 01/29/2016)
Action Text: Permanent Regulations - Register Entry
Full Text: Permanent Regulations - Full Text
Citation: 801 CMR 4.00
Description: Rates
Register: Issue 1305 - 01/29/2016
Summary:

- Establishes the fees that may be charged by state agencies for licenses, permits and services
- Board of Registration of Architects
    - Application fee ($135)
    - Initial license ($125)
    - Renewal ($125 per year)

- Reinstatement application ($113 per application)
- Reciprocity ($338 per application)

- Board of Registration Landscape Architects
  - License application ($45)
  - License original ($66 per license)
  - License renewal ($66 per application)
  - Reciprocity ($66 per application)
- Board of Registration of Professional Engineers and Land Surveyors
  - Engineers
    - Application ($82)
    - Original ($150 per license)
    - Renewal ($150 biennial)
    - Reinstatement ($21 per application)
  - Engineer in Training
    - Application ($54)
    - Original ($42 per certificate)
  - Land Surveyor
    - Application ($68)
    - Original ($150 per license)
    - Renewal ($150 biennial)
    - Reinstatement ($216 per application)
  - Land surveyor in training
    - Application ($54)
    - Original ($42 per certificate)

State: Missouri 1 Regulations

Agency: Missouri - Department of Insurance, Financial Institutions and Professional Registration

Type: Final (Effective: 03/01/2016)

Action Text: Orders of Rulemaking - Register Entry

Full Text: Orders of Rulemaking - Full Text

Citation: 20 CSR 2030-5.020

Description: NCARB Examinations-Architects is amended.

Register: Volume 41, Number 3 - 02/01/2016

Summary:

- 20 CSR 2030-5.020 – amends NCARB examinations for architect
- Text pending for all proposed amendments

State: Nebraska 1 Regulations

Agency: Nebraska - Board of Engineers and Architects
Type: Proposed
Action Text: Attorney General Office Received - State Filing
Citation: Title: 110 Chapter(s): 001-011
Description: Rules and Regulations - ATTORNEY GENERAL OFFICE RECEIVED
Register: Docket Filings 01-22-2016 - 01/22/2016
Summary:

- Proposed rule changes received by Secretary of State; mostly technical and formatting in nature
- Amends definition of IDP to include 'Intern Development Program of NCARB, or its equivalent as determined by NCARB
- Includes definition of NCARB Certificate Holder
- Grants Board authority to issue conditional licenses
- Includes section for emeritus board member service at board meetings
- Requires that all board members be licensed in their respective profession
- Edited experience language; removes 'intern' term
  - 'Completion of IDP, or its equivalent as determined by NCARB, is required prior to licensure'
- Additions to Conflicts of Interest section
  - Architects cannot solicit or accept contract from a governmental body when they or a principal from their organization serves as a voting or non-voting member of the same governmental body; they are not in violation of this rule if the individual plays no role in solicitation or procurement of the contract on behalf of the government body
- Amends professional conduct section to require that architects do not make false statements, assist the application of licensure for a person known to be unqualified, and compelled to report violation of applicable laws on a project they are involved with

Pennsylvania - Department of Conservation and Natural Resources

Type: Notice

Action Text: Notices - Register Entry

Description: Retention of Professional Civil/Structural Engineering Firms; Project Reference No. FDC-500-807

Register: Volume 46, Number 8 - 02/20/2016

Summary:

- Department of Conservation and Natural Resources is seeking proposals from professional design firms for open-end contracts for various civil/structural and related engineering and design services
- Contracts will be managed by Department's Bureau of Facility Design and Construction and its Central Office is comprised of five sections: architectural design, landscape design, sanitary and water management, bridges and road management, and civil design

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Patterson, Kathryn

From: Jennifer Williams <jwilliams@ncees.org>
Sent: Tuesday, March 01, 2016 10:32 AM
To: Jennifer Williams
Subject: NCEES seeks computer engineers for online survey
Attachments: NCEES seeks computer engineers for online survey.pdf

Dear MBAs:

NCEES is extending its professional activities and knowledge study (PAKS) for the PE Electrical and Computer Engineering exam because it needs more professional engineers practicing in computer engineering to take the online survey.

Please help us find volunteers for this important study by sharing this news with your licensees. The news release is attached. It is also posted online at http://ncees.org/about-ncees/news/ncees-needs-additional-computer-engineers-for-online-survey/.

Thank you for your help.

Sincerely,

Jennifer Williams, APR
Senior Editor

NCEES
T: 864-654-6824, ext. 5299
ncees.org

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NCEES
advancing licensure for engineers and surveyors

P.O. Box 1686 (280 Seneca Creek Rd.), Clemson, SC 29633 USA T: (864) 654-6824 F: (864) 654-6033 NCEES.ORG

NEWS RELEASE
February 29, 2016
Contact: Tom Dodd, Ph.D., P.E.
Exam Development Engineer
tdodd@ncees.org

NCEES needs additional computer engineers for online survey

NCEES is seeking licensed professional engineers practicing in computer engineering to participate in a professional activities and knowledge study (PAKS) to update specifications for the PE Electrical and Computer Engineering exams. The study, which was originally launched in June 2015, requires professional engineers practicing in all areas of electrical and computer engineering. While NCEES has enough participants practicing in electrical/electronic and power engineering, it is extending the study to find additional computer engineering participants.

NCEES requires a cross section of licensed professional engineers practicing computer engineering—including those working in industry, consulting, the public sector, and academia—to complete an online survey about the tasks and knowledge required of a licensed electrical or computer engineer with 4 to 6 years of experience to practice in a manner that safeguards the health, safety, and welfare of the public. The survey can be completed in about 20 minutes.

"These studies help NCEES ensure its licensing exams remain relevant to current professional practice," explained Director of Exam Services Tim Miller, P.E. "We've had a great response across most areas of this discipline, but we need more participants practicing in computer engineering."

For access to the online survey, visit bit.ly/PEElecComp. For more information, contact NCEES Exam Development Engineer Tom Dodd, Ph.D., P.E., at tdodd@ncees.org or 864-624-5453.

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 and territories and the District of Columbia. Since its founding in 1920, NCEES has been committed to advancing licensure for engineers and surveyors in order to safeguard the health, safety, and welfare of the U.S. public.

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

FARB
1974
FEDERATION OF ASSOCIATIONS OF REGULATORY BOARDS

FARB Focus

VOLUME 3 ISSUE 1 FEBRUARY 2016

GOVERNING MEMBERS

- AARO
- AASCB
- AAVSB
- ARBO
- ASPPB
- ASWB
- BOC
- CLARB
- FCLB
- FSMB
- FSMTB
- ICFSEB
- NAB
- NABP
- NASBA
- NASCLA
- NASEMSO
- NBCOT
- NCARB

INSIDE THIS ISSUE:

Positive Public Protection	1
President's Corner	1
Membership Spotlight:	2
Guest Column	2
Guest Column	3
Calendar of Events	3
Contact FARB	4
2016 FARB Forum	4

Positive Public Protection

Lately, professional licensing has become a target for criticisms from all sides. Whether it's comments about the plight of those who argue they are burdened by "unnecessary barriers" to the workforce or an overall attitude about "too much regulation," the sentiment around licensing professionals seems to be trending downward. What can be done?

Positive Public Protection

First, the positive aspects of a state-based licensure system must be communicated and emphasized. The public, professionals and politicians, need to all understand that the system is an efficient and fair means to provide consumer protection along with a recognition of the legal rights of the license holder. The tone of the conversation must be one of positive public protection; a unified message upon which all can agree.

Standards of Practice

Criteria for licensure, including education and exams, allow for an assessment of entry-level competence and are relied upon by the public. Countless volunteer board members across jurisdictions and professions work to ensure that these professionals have the knowledge and skills to practice at these standards.

Education

FARB continues to educate the regulatory community about positive public protection through common sense regulation. Lawmakers can be informed of the need for effective ways to regulate the professions and be reminded of the importance of these laws. Regulatory board members must understand the responsibilities of their positions. And the public can be educated about the reasons for and the process of professional licensure.

Certainly, an informed public is essential, as their protection is the ultimate mission of everyone involved

President's Corner

Advocacy Update

Since the first of the year, FARB has submitted written testimony to two regulation committee hearings; one held by the U.S. Senate and one by Arizona. FARB volunteers attended both hearings and in AZ, the Committee chair granted FARB one minute to testify. The U.S. Senate hearing was a fact-finding activity with a number of witnesses. We will soon be strategizing to formulate an approach to address legislators and the administration so that FARB is on the witness list in the future.

On the jurisdictional level, the Arizona bill proposed deregulation of several professions. In advance of the hearing, FARB hosted a coalition teleconference including Executive Leadership of the national associations for three of the professions under attack. This call created an opportunity to discuss boots-on-the-ground in AZ and compare notes about actions underway. While the bill passed in committee, two of the three targeted professions are no longer on the bill that is moving forward.

So when your state is proposing changes to the regulation of the professions, give us a call. We want to help. In closing, I leave you with FARB's new mission statement, adopted by the Board of Directors in January:

"To advance excellence in regulation of the professions in the interest of public protection."

Membership Spotlight

FARB is very pleased to announce the addition of three new Governing Member Associations to the FARB Board of Directors. At their January meeting, the FARB Board approved the applications of the Association of Appraiser Regulatory Officials (AARO), the Board of Certification for the Athletic Trainer (BOC), and the Council of Landscape Architectural Registration Boards (CLARB). These organizations will help set priorities and provide leadership for FARB's support of the regulatory community. With 19 Governing Members representing many more licensed professions, FARB is becoming the true collective voice for public protection through regulation of the professions.

AARO
Association of Appraiser Regulatory Officials

BOC BOARD OF CERTIFICATION FOR THE ATHLETIC TRAINER Be Certain.

CLARB

Maximizing Technology Benefits

by Angelina M. Barnes, JD

Technology has potential to benefit state regulatory agencies and users. Increased speed of the transaction, automation of the license application processes, admission to examinations, payment confirmations, and the ability of the consumer to file a complaint online all serve as improvements in the traditional agency-user transaction. Additional benefits include increased recordkeeping efficiency, opportunity for data analysis, and employee productivity. For government agencies, the ability to increase access to public information is an additional benefit providing transparency and working towards an informed consumer.

While there are benefits, risk assessment is critical prior to a technology implementation or replacement project. In addition to considering the risk inherent within the infrastructure, careful consideration should be given to the customer experience. The customer experience with government agencies is often colored by multiple factors, some of which include constrained budgets, retiring subject matter experts, and increasing user expectations. Prior to launching a new technology solution, agencies should establish a knowledge foundation, an efficient and effective way to accumulate, manage, and provide access to agency knowledge. Second, agencies should empower the user. To do this, agencies must empower frontline employees and ensure they have easy access to centralized information and are subject-matter experts on the most commonly occurring inquiries. Fourth, agencies must effectively manage channels of communication. If consistency is the building block of trust, then agencies must be consistent. Building a high powered technology solution that users do not trust, and in turn do not use, significantly undercuts the technology benefits. Finally, agencies should work to provide a seamless user experience. To the extent that an agency can utilize mapping to direct users or questions that lead them to the proper applications or services, the better the user experience is bound to be.

Overall, it is clear technology offers increasing benefits to state regulatory agencies. Through sound risk assessment, management, and mitigation agencies can develop a sound foundation for new technology implementation or replacement. Technology use does however, demand state agencies remember the user and seek to provide a positive customer experience in order to promote technology adoption and acceptance.

Angelina Barnes is the Executive Director of the Minnesota Board of Psychology

In order to carry out a positive action, we must first develop a **POSITIVE VISION.**

Dalai Lama

Planning to Plan and Planning to Do

by Ed Barnicott

Why Plan?

Planning is all about the work of building a roadmap to the future. Planning provides a framework that helps us visualize and communicate the desired future for our organization, and what we need to do to make that vision a reality. Effective planning starts with understanding what we are about (our mission), where we want to be in the future (our vision), and moves to what we need to do to realize that future (our objectives). Without planning, without a clear idea of where we want to go and how we will get there, we are casting our future success on good intentions and the hope that something miraculous will happen, and we will somehow "get there." Unfortunately, as the late Yogi Berra so famously put it, "If you don't know where you are going, you'll end up someplace else."

Strategic vs. Operational Planning

There is a difference between strategic and operational planning.

Strategic Planning is focused on high level thinking about an organization (its Mission, Vision and Objectives) and is characterized by being unconstrained. Ongoing strategic planning ensures an organization stays focused on its mission, the changing conditions in its environment, and makes changes that position it for success. Without an intentional effort to think (and rethink) strategically, organizations easily fall back into a reactionary mode of operation that emphasizes current crises rather than a more proactive long-term focus on mission relevant service delivery.

Operational Planning is focused on specific goals designed to achieve strategic objectives and is therefore constrained by the strategic mission, vison and objectives of the organization. By putting the emphasis on shorter-term goals that move the organization toward achieving longer-term strategic objectives, operational planning helps focus the efforts and resources of the organization on those things that will ensure its long-term health, rather than on the most immediate crisis at hand.

Doing

Peter Drucker, the well-known management consultant, educator and author, noted that "Plans are only good intentions unless they immediately degenerate into hard work." As essential as planning is, it is only the beginning. Whether strategic or operational, plans only provide a roadmap to the future. It takes rolling up organizational sleeves and actually executing on specific plans to move an organization along the intended route and bring about desired change.

Doing must be as intentional as planning. Developing beautiful and inspired strategic or operational plans is wasted time if the plan is put on a shelf to gather dust rather than executed. An organization will find itself seriously weakened by repeated episodes of planning that do not produce concrete actions and change. Organizations that actually make the effort and execute on their plans find they develop even more capacity to "get it done".

I'll leave you with one more deep insight from Yogi Berra. "Baseball is 90 percent mental and the other half is physical.", or to the current point, "Success is 90 percent planning and the other half is doing!"

Ed Barnicott is the Vice President of Strategic Planning and Program Management at NASBA.

Calendar of Upcoming Events

FARB National Policy Summit on Professional Regulation	July 14	Nashville, Tennessee
FARB Leadership Conference	July 15-16	Nashville, Tennessee
24th Annual FARB Regulatory Law Seminar	Sep 30 - Oct 2	Chicago, Illinois
41th Annual FARB Forum	January 26-29	San Antonio, Texas

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Our Mission:
To advance excellence in regulation of the professions in the interest of public protection..

FARB Forum

The weather may not have fully cooperated, but that didn't stop attendees at the 40th annual FARB Forum from enjoying an excellent conference in Clearwater Beach, FL.

First up was a look at what one department is doing to reach out to the consuming public and educate them about licensure and complaint reporting. Much of Friday was spent discussing mobility and portability including perspectives from a legislator, a regulatory board, a board attorney and the national associations. As this is a hot topic across jurisdictions and professions, attendees appreciated the chance to hear how others are tackling the issues.

On Saturday, attendees learned of some of the advances in using online applications for licensure and renewal. That session was followed by a very interesting discussion on the issues involved in using technology for board meetings. It was agreed that a board member Skyping from Cancun might be a little distracting for those left behind!

Sunday began with some important reminders of when, why and how to convene an executive sesssion correctly. Rounding out Sunday were sessions on coordinating cases when there's a criminal prosecution, a look at advisory opinions and recent regulation in the news.

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Save the date for the next FARB Forum January 26—29, 2017 at the Omni La Mansion del Rio in San Antonio, Texas