

SOUTH DAKOTA STATE BOARD OF TECHNICAL PROFESSIONS Board Agenda

Of the regular meeting Wednesday, January 15, 2016
In the Clock Tower Plaza; 2525 W. Main St., Ste. 211 at the board office in Rapid City, SD

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

Roll Call at 8:30 A.M.

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)*

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

AGENDA ITEM #3 ACTIVITES REPORT ENDING DECEMBER 2015, REVIEW OF DEPOSITS & QUARTERLY REPORT (FYI)*

AGENDA ITEM #4 INVESTIGATION REPORTS

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|------------|--|
| 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 15-03 | 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. |
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AGENDA ITEM #5 OLD BUSINESS

- *Action Items - reports
 - *DLR - 9 and DLR - 11
Legislative Session Opened January 12
 - *NCARB Fast Facts - November 2015
 - *NCEES Changes to Future Exams
 - *ABET EAC Criteria Changes
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AGENDA ITEM #6 NEW BUSINESS

- Board Member for Re-appointment - Drake Olson
 - *NCARB - National Architect Newsletter
 - *Training on NC Board of Dental Examiners v. FTC
 - *NCARB BOD Brief
 - *CLARB E-News
 - *NCARB FY17 Nominations and Election Reminder
 - *NCEES Central Zone Awards Application
 - *CLARB MBE Committee Position
 - *NCARB Fast Facts - December
 - *AAES Newsletter
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AGENDA ITEM #7 PDH AUDITS (MOTION)

NEW AUDITS

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

REVIEW PREVIOUS AUDITS

Seibel, Andrew Paul, PE
Templeton, LeeJay James, PE
Yexley, David Phillip, PE

SDBOTP did not receive any documents
^ Mandatory

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

See Appendix A1 - FE
 A2 - PE
 A3 - LS

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

See Appendix B1 - FE
 B2 - FS
 B3 - PE
 B4 - LS

AGENDA ITEM #10 OF COMITY APPLICATIONS (MOTION)

See Appendix C

BREAK FOR LUNCH

AGENDA ITEM # 11 APPROVAL OF BUSINESS APPLICATIONS (MOTION)

See Appendix D

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

See Appendix E

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 member - Board 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

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

Compliments

*CLARB Region 4 Director resigns

*ED Position to Nevada Board

*ED Position to Kansas Board

*Pearson VUE Data Breach

*NCARB IDP Experience Calculator

*NAAB Visiting Team at SDSU

Other various board correspondence/Email

AGENDA ITEM #15 FUTURE BOARD MEETING SCHEDULE

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

AGENDA ITEM #16 ADJOURNMENT (MOTION)

SOUTH DAKOTA STATE BOARD OF TECHNICAL PROFESSIONS Board Minutes

Of the regular meeting Friday, November 13, 2015
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, November 13, 2015 in the Board Room; Clock Tower Plaza, Rapid City, South Dakota. Chairman Dennis Micko presided.

Chairman Micko called the meeting to order at 8:35 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 staff members Kathryn Patterson and Susan Neuf. Staff Attorney Aaron Arnold attended by telephone.

Agenda Items:

- 1) Approval of September 25, 2015 Minutes (Motion)
- 2) Approval of vouchers since last meeting (Motion)
- 3) Activities report ending October, 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 September & October (Appendix A, Motion)
- 9) Approval to take the NCEES Examinations as available (Appendix B, Motion)
- 10) Approval of applicants by examination; R (Appendix C, Motion)
- 11) Approval of Comity applications (Appendix D, Motion)
- 12) Approval of Business applications (Appendix E, Motion)
- 13) Review Renewals w/discipline & previous apps (Appendix F Motion)
- 14) Annual, zone, committee meeting reports & upcoming meetings
- 15) Correspondence
- 16) Future board meeting schedule
- 17) Adjournment (Motion)

AGENDA ITEM #1 APPROVAL OF SEPTEMBER 25, 2015 BOARD MEETING MINUTES (MOTION)*

Motion: By Peters, seconded by Williams for approval of September 25, 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 Olson, seconded by Thingelstad for approval of vouchers since last meeting.
Action: 7-0 AYE (Albertson, Micko, Nelson, Olson, Peters, Thingelstad, and Williams)

AGENDA ITEM #3 ACTIVITIES REPORT ENDING OCTOBER 2015, REVIEW OF DEPOSITS & QUARTERLY REPORT *

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

AGENDA ITEM #4 INVESTIGATION REPORTS

Mike Albertson left the meeting at 8:44.

- Case 09-06 Competency and Professional Conduct -**
Brief update was given on this case. A hearing will be held in Pierre at the Hughes County Court House starting at 1 p.m. on December 1 before Judge Barnett based on the licensee's appeal.

Mike Albertson returned to the meeting at 8:50.

- Case 15-03 Practice without CoA - AR -** Legal counsel to generate Assurance of Voluntary Compliance
Board legal counsel is generating an Assurance of Voluntary Compliance.
- Case 15-05 Practice without CoA - PE -** Consent agreement sent - rejected - will need to hold hearing
Hearing tentatively scheduled to coincide with the January Board meeting.
- Case 15-06 Audit - Failure to comply -** Board member assigned - investigation committee needs to meet
Investigative Committee will meet with Staff Attorney Arnold to review this case.
- Case 15-09 Business entity allowing unlicensed practice -** Response received, sent to legal counsel for review. Investigative Committee will meet with Staff Attorney Arnold to review this case.

AGENDA ITEM #5 OLD BUSINESS

Action Items

Request all South Dakota resident remediators and assessors to consider volunteering to write new Exams

Item 1: Building Officials Guide. Item in progress. Draft almost ready to post to the website.

Item 2: Rewrite Petroleum Release Exam and review experience required for Assessor and Remediator. Item in progress. The Board will contact Len Neugebauer to request his assistance in coordinating the creation of job descriptions and building of separate exams for Petroleum Release Assessor and Petroleum Release Remediator. If Len Neugebauer accepts this task, the Board will request a contract from the state to hire him as coordinator for the rewrite of these two exams and job descriptions.

Item 3: Use of Board reserve funds. The Board proposed a few suggestions on ways the Board's reserve funds can be used. Suggestions will need to be forwarded to Board liaison for review and approval.

Item 4: Outreach to association of counties, county commissioners, and/or rural permitting agents. The Board and legal counsel are conducting research to determine how these agencies may be educated on the State's requirements for determining whether A&E services are required on projects. It is the consensus of the Board that it would be beneficial to send these agencies a copy of the Building Officials Guide upon completion of the update.

ADD New Item: Review and update SD TH Exam questions.

Calendar 2016 - Updated with Scheduled Board Meetings

The Board briefly discussed and tentatively approved the proposed future Board meeting dates.

Legislative Action - 2 bills submitted - DLR 9, DLR 11

The Board briefly discussed the status of these statute updates.

Request for approval of hours - JLG Architects - Informational for Board, hours approved at September meeting.

NCEES Annual Meeting Summary - Informational for Board.

NCARB Integrated Path Schools Named

NCARB has established a new Integrated Path Evaluation Committee (IPEC) to oversee the ongoing work of this initiative. It is anticipated that the IPEC will continue to coach accepted programs, promote engagement with jurisdictional licensing boards regarding necessary law or rule changes to incorporate integrated path candidates, and oversee the acceptance of future program applicants. The 13 accepted schools in this program represent a wide range of accredited B. Arch and M. Arch programs in 9 jurisdictions, and are equally split between public and private institutions. University of Kansas joined the 13 programs that will participate in the integrated path to architectural licensing.

The Board briefly discussed each of the above topics.

AGENDA ITEM #6 NEW BUSINESS

FTC Guidance on State Regulatory Boards

Due to the North Carolina Supreme Court Case on teeth whitening, the FTC proposed guidelines on active market participants and active supervision of licensing boards. The consensus of the Board is that this case and FTC guidelines will not greatly affect current Board operations. However, the State will provide all state Boards' with training on how to avoid violations of anti-trust laws.

CLARB Member Board E-News - Informational for Board

NCARB IDP Documentation Program Update - Informational for Board

NCARB IDP Overhaul Map

Next summer, the IDP's current 17 experience areas will be realigned into six broad practice-based areas. The IDP map on NCARB's website shows how the current experience areas will merge into the six new areas.

NCARB - ARE 5.0 Transition Calculator - Tool that NCARB has developed for ARE candidates to see how the transition from ARE 4.0 to ARE 5.0 will affect the decisions of which exams will transition into the new configuration of the exam.

NCARB Request for Comments - Education Standard

The proposal for modifications to the NCARB Education Standard was reviewed by the NCARB Board of Directors at the June Pre-Annual Board Meeting. The Board of Directors would like feedback from Member Boards prior to voting on these proposed changes. Comments will be received through January 12, 2016.

NCARB Response to Wall Street Journal

The Wall Street Journal published a misleading opinion piece about the timeline to architect licensure on September 29, 2015. To help clarify any misconceptions, NCARB sent a letter to the editor, which was published Saturday, October 10 that essentially, outlines a comprehensive analysis by NCARB on the actual timeline to architect licensure.

NCEES MBA Report from BOD meeting - Informational for Board.

NCARB MBE Engagement Sessions - Intended to re-introduce Directors to the Council and its programs. Sessions will identify new paradigms, challenges, best practices, and opportunities for collaboration.

NCARB Public Director on the Board of Directors

Board member Olson will attend the NCARB Public Member Taskforce webcast.

The Board briefly discussed each of the above topics.

AGENDA ITEM #7 PDH AUDITS (MOTION)

NEW AUDITS - James Ethan Begeman, PE; William Raymond Butler, AR; Mark J. Hollenbeck, PE; Jerry L. Jeffries, Sr., LS; Susan Jorgensen, PE; Damon Michael Powers, R; Jeffrey J. Schlepp, AR; James Allen Schramm, AR; Andrew Paul Seibel, PE; Barbara Snyder, LS; LeeJay Templeton, PE; David Phillip Yexley, PE; and Bruce Zelmer, LS.

Motion: By Nelson, seconded by Williams to approve the audits of William Raymond Butler, AR; Jeffrey J. Schlepp, AR; and James Allen Schramm, AR.

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

Motion: By Peters, seconded by Thingelstad to approve the audits of Jerry L. Jeffries, Sr., LS; Barbara Snyder, LS; and Bruce Zelmer, LS.

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

Motion: By Albertson, seconded by Thingelstad to approve the audits of James Ethan Begeman, PE; Mark J. Hollenback, PE; and Susan Jorgensen, PE.

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

Motion: By Albertson, seconded by Thingelstad to approve the audit of Damon Michael Powers, R.

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

Motion: By Albertson, seconded by Thingelstad to deny the audit of Andrew Paul Seibel, PE, pending additional information.

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

Motion: By Albertson, seconded by Thingelstad to deny the audit of LeeJay James Templeton, PE, pending additional information.

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

Motion: By Micko, seconded by Albertson to deny the audit of David Phillip Yexley, PE, pending additional information.

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

REVIEW PREVIOUS AUDITS - Thomas Loren Humpal, PE and Lee J. Nord, LS.

Thomas Loren Humpal, PE, requested that his license be placed in 'Inactive Status'. Discussion was held by the Board on this matter.

Motion: By Albertson, seconded by Olson to approve the request of Thomas Loren Humpal, PE, to Inactive Status.

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

Motion: By Peters, seconded by Thingelstad to approve the audit of Lee J. Nord, LS.

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

Executive Director Kathryn Patterson brought a request for medical exemption from the requirement of continuing education before the Board at the September Board meeting. Discussion on this exemption was tabled until the Board could discuss it with legal counsel.

Following discussion with legal counsel at the November Board meeting, motion was made to take this issue off the table.

Motion: By Olson, seconded by Thingelstad to take the medical exemption request off table.

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

Board member Peters made a motion to approve the requested medical exemption.

Motion: By Peters, seconded by Olson to approve the requested medical exemption.

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

AGENDA ITEM #8 APPROVAL OF PASSING EXAMINEES FROM SEPTEMBER AND OCTOBER. (MOTION)

Motion: By Albertson, seconded by Nelson 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
10/14/2015	Dilts, Austin Richard	E-11933	FE	10/03/2015
10/14/2015	Martin, Mathew David	E-11932	FE	10/02/2015
10/14/2015	Schwan, Austin Adam	E-11931	FE	10/01/2015
10/14/2015	Vickers, Hailey Ann Sieve	E-11935	FE	10/03/2015
10/14/2015	Wood, Ryan	E-11934	FE	10/03/2015

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

Motion: By Albertson, seconded by Olson 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
Aschoff, Kory Hayden	FE
Beck, Deidre L.	FE
Beck, Deryn Ann	FE
Benedix, Hannah	FE
Birkey, Samuel Leonard	FE
Boldon, Zane Calder	FE
Boylan, Zane Thomas	FE
Cahill, John A.	FE
Case, Laura	FE
Christensen, Tyler Lyle	FE
Christopher, Jonathan Case	FE
Clark, Alex Dalton	FE
Dodd, Joshua	FE
Flaata, Evan	FE
Forman, Jarrett Lane	FE
Halbmaier, Keyo Martha Grae	FE
Hanson, Andrew Nicholas	FE
Hegland, Michael Thor	FE
Herber, Chelsey Jeanine	FE
Hoftiezer, Jacob David	FE
Hook, Courtney	FE
Huntley, Justin John	FE
Jennings, Andrew Michael	FE
Johnson, Amy Lynn	FE

Name	Exam
Johnson, Nolan Francis	FE
Jurgensen, Alicia Marie	FE
Kamencic, Amela	FE
Kepler, Justin Reed	FE
Kinder, Jacob	FE
Kramer, Teagan	FE
Markon, Isaac Luke	FE
McCarthy, Lucas	FE
McLaughlin, Cody Ray	FE
Myrabo, Lucas Wade	FE
Olson, Riley C.	FE
Pietz, Landan Jon	FE
Preszler, Shaun Adam	FE
Ray, Susan	FE
Ryan, Kathleen Ann	FE
Sauer, Max James	FE
Sayler, Garrett	FE
Schiltz, Dylan	FE
Schoellerman, Ty Daniel	FE
Stekl, Kurt	FE
Stephens, Shayla KayAnn	FE
Stevenson, Luke	FE
Streeter, Brylee A.	FE

Motion: By Thingelstad, seconded by Peters for approval of the examinee to take the Fundamentals of Surveying (FS) Exam.

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

Name	Exam
Jordan, Travis Scott	FS

AGENDA ITEM #10 APPROVAL OF APPLICANTS BY EXAMINATION, R. (MOTION)

Motion: By Micko, seconded by Albertson for denial of the following Petroleum Release Remediator (R) by exam based on lack of qualifying experience.

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

Name	City	State	Profession
Fitzpatrick, Ryan Michael	Pierre	SD	R

AGENDA ITEM # 11 APPROVAL OF COMITY APPLICATIONS (MOTION)

Motion: By Nelson, seconded by Williams 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	#
11/13/2015	Dekkenga, Catherine Marie	Sioux Falls	SD	AR	12677
11/13/2015	Ellison, Jeff K	Saint Joseph	MO	AR	12678
11/13/2015	Greco, Joseph	Grand Rapids	MI	AR	12679
11/13/2015	Johnson, Curtis A	Omaha	NE	AR	12680
11/13/2015	Lattig, Gregory Sinclair	Kansas City	MO	AR	12681
11/13/2015	Pounds, Jr., William David	Lewisville	TX	AR	12682
11/13/2015	Rodriguez Boog, Ariadne	Olathe	KS	AR	12683
11/13/2015	Sorg, David John	Cedar Rapids	IA	AR	12684
11/13/2015	Trunnell, James	Waterloo	IA	AR	12685
11/13/2015	Tubb, George T	Jackson	TN	AR	12686
11/13/2015	Warnock, Paul R	North Salt Lake	UT	AR	12687
11/13/2015	Yakel, Frank Ryan	Irving	TX	AR	12688

Motion: By Peters, seconded by Thingelstad for approval of the following Land Surveyor (LS) by comity.

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

Date Licensed	Name	City	State	Profession	#
11/13/2015	Drannon, Stan Wayne	Stratford	OK	LS	12689

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	#
11/13/2015	Allen, David	Jupiter	FL	PE	12690
11/13/2015	Andries, Scott	Holly Springs	NC	PE	12691
11/13/2015	Auth, Timothy J	Menomonie	WI	PE	12692
11/13/2015	Babaian, Peter M	Wilmette	IL	PE	12693
11/13/2015	Beck, Brad Michael	Spirit Lake	IA	PE	12694
11/13/2015	Bell, Matthew G.	Miamisburg	OH	PE	12695
11/13/2015	Brannan, Robert Timothy	Maumee	OH	PE	12696
11/13/2015	Braun, Martin	MAUMEE	OH	PE	12697
11/13/2015	Burns, Robert Marvin	Medina	TN	PE	12698
11/13/2015	Bush, Alan	Sheboygan	WI	PE	12699
11/13/2015	Busselman, Brady	St. Louis Park	MN	PE	12700
11/13/2015	Clark, Mathew Tyrel	Billings	MT	PE	12701
11/13/2015	Dale, Dustin J	Dilworth	MN	PE	12702
11/13/2015	DeLabar, Kyle Adam	Allentown	PA	PE	12703
11/13/2015	DeLong, Jack	Jackson	TN	PE	12704
11/13/2015	Dugan, Timothy Bryan	Troy	MO	PE	12705
11/13/2015	Eckert, Mark Allan	McCordsville	IN	PE	12706
11/13/2015	Eshlaman, Richard Geert	Vicksburg	MI	PE	12707
11/13/2015	Ferentchak, James Allen	Englewood	CO	PE	12708

Date Licensed	Name	City	State	Profession	#
11/13/2015	Fry, Kirk Allen	South Euclid	OH	PE	12709
11/13/2015	Garberg, Erik Dale	Bozeman	MT	PE	12710
11/13/2015	Harvey, Glenn William	Fairport	NY	PE	12711
11/13/2015	Hydukovich, Paul Michael	Saint Michael	MN	PE	12712
11/13/2015	Jacob, Tony Isaac	Acton	CA	PE	12713
11/13/2015	Jesse, Eric Adam	Denver	CO	PE	12714
11/13/2015	Johnson , Michael Vincent	Grand Rapids	MI	PE	12715
11/13/2015	Kurdi, Chad	Minneapolis	MN	PE	12716
11/13/2015	Lauritsen, Brad Anders	Omaha	NE	PE	12717
11/13/2015	Lawrence, Jacob JL	Red Bank	NJ	PE	12718
11/13/2015	Lucas, Warren	Anchorage	AK	PE	12719
11/13/2015	Lueschow, Karl Jon	Madison	WI	PE	12720
11/13/2015	Lukac, Anthony Paul	Fishers	IN	PE	12721
11/13/2015	McCool, Michael Lee	Indianapolis	IN	PE	12722
11/13/2015	McCormick, Michael	Lexington	TN	PE	12723
11/13/2015	Mersek, Alan	South Euclid	OH	PE	12724
11/13/2015	Miller, Jones Walter	Cary	NC	PE	12725
11/13/2015	Newman, Laura	Parker	CO	PE	12726
11/13/2015	Nielson, Gordon Arthur	Pocatello	ID	PE	5203
11/13/2015	Owens, Bernard	Milan	TN	PE	12727
11/13/2015	Paitich, Reed Mark	Woodbury	MN	PE	12728
11/13/2015	Palik, Emily	Omaha	NE	PE	12729
11/13/2015	Peleschak, Nathan Daniel	Eau Claire	WI	PE	12730
11/13/2015	Powell, Brent Thomas	Honeoye Falls	NY	PE	12731
11/13/2015	Prevost, Cole Douglas	Bismarck	ND	PE	12732
11/13/2015	Reece, Kyle Matthew	Garner	NC	PE	12733
11/13/2015	Robison, Nathan Earl	Reno	NV	PE	12734
11/13/2015	Rottman, Joseph Edward	Littleton	CO	PE	12735
11/13/2015	Sandusky, Brett Steven	BILLINGS	MT	PE	12736
11/13/2015	Schouten, Deborah Ann	Denver	CO	PE	12737
11/13/2015	Schrunk, David	Porter	MN	PE	12738
11/13/2015	Severson, Bradley Edwin	Minnetonka	MN	PE	12739
11/13/2015	Sprong, Paul R	Newport	KY	PE	12740
11/13/2015	Stilwell, Bryan Gregory	Apex	NC	PE	12741
11/13/2015	Stoneburg, Donald Henry	Bowling Green	KY	PE	12742
11/13/2015	Strum, Jacob Jon	Forest Lake	MN	PE	12743
11/13/2015	Theisen, Allen V	St Paul	MN	PE	12744
11/13/2015	Tinker, John Andrew	Minneapolis	MN	PE	12745
11/13/2015	Tway, Ronald Bryan	Longmont	CO	PE	12746
11/13/2015	Van Roekel, Kirk Korey	Lincoln	NE	PE	12747
11/13/2015	VanDemark, Lance	Denver	CO	PE	12748
11/13/2015	Warren, Bradley Greg	Jackson	TN	PE	12749
11/13/2015	Willis, Clay Henry	Houston	TX	PE	12750
11/13/2015	Wolf, Tyler Sean	Fishers	IN	PE	12751
11/13/2015	Wong, Kum Juen	Overland Park	KS	PE	12752

Motion: By Albertson, seconded by Thingelstad 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
Karels, Lucas D.	Maple Grove	MN	PE

AGENDA ITEM #12 APPROVAL OF BUSINESS APPLICATIONS (MOTION)

Motion: By Nelson, seconded by Olson 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	#
11/13/2015	Auth Consulting & Associates, Inc.	Menomonie	WI	PE	C-7357
11/13/2015	Balanced Principles, LLC	Billings	MT	PE	C-7358
11/13/2015	Beam Longest & Neff, LLC	Indianapolis	IN	PE	C-7359
11/13/2015	Beck Engineering, Inc.	Spirit Lake	IA	PE	C-7360
11/13/2015	Bergmann Engineering Associates, Inc.	Conshohocken	PA	PE	C-7361
11/13/2015	Chambers/CCI, LLC	Irving	TX	AR	C-7362
11/13/2015	Design Engineers & Consulting Associates, Inc.	Maumee	OH	PE	C-7363
11/13/2015	Donald H. Stoneburg Engineering, PSC	Bowling Green	KY	PE	C-7364
11/13/2015	Ellison - Auxier Architects, Inc.	Saint Joseph	MO	AR	C-7365
11/13/2015	Eshlaman Engineering LLC	Vicksburg	MI	PE	C-7366
11/13/2015	ESI Engineering Inc.	Minneapolis	MN	PE	C-7367
11/13/2015	Gateway Services Group, L.L.C.	Meeker	OK	LS	C-7368
11/13/2015	H + M Architects/Engineers, Inc.	Jackson	TN	PE/AR	C-7369
11/13/2015	Helenske Design Group	Fargo	ND	AR	C-1852
11/13/2015	JZW Architects	North Salt Lake	UT	AR	C-7370
11/13/2015	KMR Engineering, PLLC	Garner	NC	PE	C-7371
11/13/2015	Lehigh Valley Technical Associates, Inc.	Northampton	PA	PE	C-7372
11/13/2015	LJB Inc.	Dayton	OH	PE	C-1138
11/13/2015	Lucence Consulting Engineers	Anchorage	AK	PE	C-7373
11/13/2015	Nielson Engineering, Inc.	Pocatello	ID	PE	C-757
11/13/2015	NORR Inc.	Chicago	IL	AR	C-7374
11/13/2015	OPN, Inc.	Cedar Rapids	IA	AR	C-7375
11/13/2015	Parkway C&A	Lewisville	TX	AR	C-7376
11/13/2015	ProTECH Engineering and Manufacturing, Inc.	Britton	SD	PE	C-7377
11/13/2015	Richard L. Bowen + Associates, Inc.	Cleveland	OH	PE/AR	C-7378
11/13/2015	Robison Engineering Company, Inc.	Sparks	NV	PE	C-7379
11/13/2015	SMI & Hydraulics, Inc.	Porter	MN	PE	C-7380
11/13/2015	Speece Lewis Engineers, Inc.	Lincoln	NE	PE	C-7381
11/13/2015	The Robins & Morton Group	Birmingham	AL	PE	C-7382
11/13/2015	WDE, Inc.	Jackson	TN	PE	C-7383

AGENDA ITEM #13 REVIEW RENEWAL w/DISCIPLINE & PREVIOUS APPS (MOTION)

Motion: By Micko seconded by Albertson for denial of the following Professional Engineer (PE) by Comity based on lack of documented qualifying experience.

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

Name	City	State	Profession
Matzeder, Christopher Allan	Leavenworth	KS	PE

Motion: By Micko seconded by Albertson for approval of the following Professional Engineers (PE) by Comity on second review.

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

Date Licensed	Name	City	State	Profession	#
11/13/2015	Zavislak, Michael David	Columbia	SC	PE	12753
11/13/2015	Wunderlich, Elizabeth Carol	Rapid City	SD	PE	12754

Motion: By Micko, seconded by Williams for approval of the following Business License application on second review. .

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

Date Licensed	Company Name	City	State	Profession	#
11/13/2015	Zavis, LLC	Columbia	SC	PE	C-7384

Motion: By Peters, seconded by Williams for approval of the following Business License application on second review. .

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

Date Licensed	Company Name	City	State	Profession	#
11/13/2015	Wunderlich Consulting Company	Rapid City	SD	PE	C-7385

AGENDA ITEM #14 ANNUAL, ZONE, COMMITTEE REPORTS & UPCOMING MEETINGS*

PREVIOUS - 09/17/15 to 09/19/15 CLARB Annual Meeting, New Orleans, LA - Williams tentatively to attend - was not able to attend

UPCOMING - 02/19/16 to 02/20/16 - NCARB 2016 MBE Engagement Session, New Orleans, LA (Patterson - NCARB to fund)

Motion: By Nelson, seconded by Olson for approval of Kathryn Patterson to travel to the NCARB 2016 MBE Engagement Session in New Orleans, LA.

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

03/10/16 to 03/12/16 - NCARB MBE Workshop/Regional Summit - Savannah, GA (Nelson, Williams, Patterson - NCARB fund MBE & 2 delegates + scholarship for public members)

The Board approved travel to the NCARB 2016 MBE Workshop/Regional Summit in Savannah, GA at the September Board meeting.

AGENDA ITEM #15 CORRESPONDENCE (FOR REVIEW AND DISCUSSION, IF DESIRED)

Compliments

Governor's Holiday announcement

ASCE Student Chapter request for speaker

Board member Albertson volunteered to give an ethics presentation at the at the South Dakota School of Mines and Technology, ASCE Student Chapter meeting.

NCEES Seeks Architectural Engineers for Online Survey

NCARB Renaming of the Intern Development Program

Earlier this year, NCARB announced that it would initiate a "sunset" plan regarding the use of the word "intern". This comes as a result of the deliberations and recommendations of the Future Title task Force. Part of this plan addresses use of the term "intern" within NCARB's own programs. Other parts of the plan require the action of the NCARB Board, or the NCARB membership. Charges have been given to NCARB committees regarding possible Model Law resolutions for the membership to consider at next June's Annual Business Meeting. The NCARB Board may adopt a new title as early as their December meeting.

Other various board correspondence/Email

The Board briefly discussed each of the above topics.

AGENDA ITEM #16 FUTURE BOARD MEETING SCHEDULE

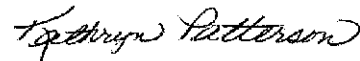
January 15, March 18, May 20, July 15, September 23 & November 18

AGENDA ITEM #17 ADJOURNMENT (MOTION)

Motion: By Peters, seconded by Olson 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 10:35 a.m. the Board meeting of the South Dakota Board of Technical Professions adjourned.



Kathryn Patterson, Executive Director

Submitted by Susan Neuf, Secretary, SDBTP

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 woul dbe 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; 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	In Progress

as of 12/21/15

ACTIVITIES REPORT FOR THE YEAR 2015

DATE	ASSESSOR			AR			AR/LA			LA			LS			PE			PE/A			PE/AR		
	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT	RES	NON	TOT
1/31	5	3	8	105	719	824	1	0	1	17	36	53	110	275	385	875	3011	3886	0	0	0	1	4	5
2/28	5	3	8	105	716	821	1	0	1	17	36	53	111	273	384	873	3006	3879	0	0	0	1	4	5
3/31	5	3	8	106	723	829	1	0	1	17	37	54	111	276	387	878	3036	3914	0	0	0	1	4	5
4/30	5	3	8	106	722	828	1	0	1	17	37	54	112	274	386	878	3029	3907	0	0	0	1	4	5
5/31	5	3	8	107	733	840	1	0	1	17	37	54	117	276	393	894	3073	3967	0	0	0	1	4	5
6/30	5	3	8	107	734	841	1	0	1	17	37	54	118	276	394	892	3068	3960	0	0	0	1	4	5
7/31	5	4	9	107	746	853	1	0	1	17	38	55	117	275	392	902	3105	4007	0	0	0	1	4	5
8/31	5	4	9	107	741	848	1	0	1	17	38	55	117	275	392	901	3100	4001	0	0	0	1	4	5
9/30	6	5	11	106	742	848	1	0	1	17	37	54	118	275	393	899	3116	4015	0	0	0	1	4	5
10/31	6	5	11	107	737	844	1	0	1	17	37	54	118	274	392	899	3117	4016	0	0	0	1	4	5
11/30	6	5	11	109	741	850	1	0	1	17	37	54	118	275	393	898	3150	4048	0	0	0	1	4	5
12/31	6	5	11	109	739	848	1	0	1	17	37	54	118	274	392	902	3141	4043	0	0	0	1	3	4

DATE	PE/LA			PE/LS			PE/LS/R			PE/R			REMIANIATOR			LICENSEES			BUSINESS		
	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	65	15	80	1	1	2	14	8	22	24	21	45	1220	4092	5312	287	1897	2184
2/28	0	1	1	65	15	80	1	1	2	14	7	21	24	21	45	1217	4083	5300	286	1896	2182
3/31	0	1	1	66	14	80	1	1	2	14	8	22	24	21	45	1224	4124	5348	287	1910	2197
4/30	0	1	1	66	14	80	1	1	2	14	8	22	24	21	45	1225	4114	5339	287	1903	2190
5/31	0	1	1	66	14	80	1	1	2	14	8	22	23	22	45	1246	4172	5418	287	1922	2209
6/30	0	1	1	65	14	79	1	1	2	14	8	22	23	22	45	1244	4168	5412	285	1917	2202
7/31	0	1	1	65	14	79	1	1	2	14	8	22	23	21	44	1252	4218	5470	288	1936	2224
8/31	0	1	1	65	14	79	1	1	2	14	8	22	23	20	43	1252	4206	5458	287	1931	2218
9/30	0	1	1	65	15	80	1	1	2	14	8	22	24	20	44	1252	4224	5476	286	1935	2221
10/31	0	1	1	65	15	80	1	1	2	14	8	22	24	20	44	1253	4219	5472	287	1939	2226
11/30	0	1	1	65	15	80	1	1	2	14	8	22	23	20	43	1253	4257	5510	288	1947	2235
12/31	0	1	1	62	16	78	1	1	2	14	8	22	20	20	40	1251	4245	5496	288	1949	2237

	JAN	FEB	MAR	APR	MAY	JUNE
Business	2184	2182	2197	2190	2209	2202
Active	5312	5300	5348	5339	5418	5412
Inactive	229	232	235	236	236	238
Retired	167	166	167	169	168	168
TOTAL	7892	7880	7947	7934	8031	8020

	JULY	AUG	SEPT	OCT	NOV	DEC
Business	2224	2218	2221	2226	2235	2237
Active	5470	5458	5476	5472	5510	5496
Inactive	240	240	241	240	240	240
Retired	169	169	169	170	172	169
TOTAL	8103	8085	8107	8108	8157	8142

Patterson, Kathryn

Subject: FW: DLR legislative update

From: Dovre, Dawn

Sent: Wednesday, November 25, 2015 12:00 PM

Subject: DLR legislative update

Hi everyone,

Here is an update on our legislation. For those bills approved by the Governor, I will send on to LRC for their review and possible edits. When we have a final draft, I'll then send back for your final review. Thanks, Dawn

DLR 1 – DLR working with WCAC.

DLR 2 – Sent final draft to LTF this morning.

DLR 3 – Approved by Governor. Clarified question regarding residential sprinkler requirement.

DLR 4 – Place holder for captive insurance.

DLR 5 – Approved by Governor. (Deciding whether to delete Section 16)

DLR 6 – Approved by Governor.

DLR 7 – Approved by Governor.

DLR 8 – Approved by Governor.

DLR 9 – Approved by Governor. **BTOP BILL**

DLR 11 – Approved by Governor. **BTOP BILL**

DLR 12 – Approved by Governor.

Dawn Dovre

Director of Workforce Planning, Policy & Public Affairs

South Dakota Department of Labor and Regulation

Desk: 605.773.3094 | Web: dlr.sd.gov



Support Bill No. _____

**An Act to Revise Certain Provisions Related to
The Board of Technical Professions**

- In the last SDCL revision, "expert technical testimony" was removed from the definition of architecture and engineering
- Inadvertently missed the presence of this same term in the practice of land surveying and landscape architecture
- Change will remove "expert technical testimony" so all of the definitions of practice are consistent
- Board does not need to make the determination of each situation where a successor licensee is necessary or appropriate
- Proposed change will allow determination to be made by other appropriate persons
- Support Bill No. _____

*For more information, please contact:
Kathryn Patterson, Executive Director
Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702
605-394-2510*

State of South Dakota

NINETY-FIRST SESSION
LEGISLATIVE ASSEMBLY, 2016

400X0185

HOUSE BILL NO. _____

Introduced by: _____

1 FOR AN ACT ENTITLED, An Act to revise certain provisions related to the Board of
2 Technical Professions.

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

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

5 36-18A-4. For the purposes of this chapter, the term, practice of land surveying, means the
6 practice or offering to practice professional services such as consultation, investigation,
7 testimony evaluation, ~~expert technical testimony~~, land-use studies, planning, mapping,
8 assembling, interpreting reliable scientific measurements and information relative to the
9 location, size, shape, or physical features of the earth, improvements on the earth, the space
10 above the earth, or any part of the earth, and utilization and development of these facts and
11 interpretation into an orderly survey map, plan, report, description, or project.

12 The practice of land surveying includes any of the following:

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

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



- 1 (3) Determines, by the use of principles of land surveying, the position for any survey
2 monument or reference point; or sets, resets, or replaces any such monument or
3 reference point;
- 4 (4) Determines the configuration or contour of the earth's surface or the position of fixed
5 objects on the earth's surface by measuring lines and angles and applying the
6 principles of mathematics;
- 7 (5) Geodetic surveying which includes surveying for determination of the size and shape
8 of the earth utilizing angular and linear measurements through spatially oriented
9 spherical geometry; or
- 10 (6) Creates, prepares, or modifies electronic or computerized data, including land
11 formation systems and geographic information systems, relative to the performance
12 of the activities in subdivisions (1) to (5), inclusive, of this section.

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

14 36-18A-5. For the purposes of this chapter, the term, practice of landscape architecture,
15 means the practice or offering to practice landscape architecture projects, including preparing
16 preliminary studies, providing land-use studies, developing design concepts, ~~giving expert~~
17 ~~technical testimony~~, planning for the relationships of physical improvements and intended uses
18 of the site, establishing form and aesthetic elements, analyzing and providing for life safety
19 requirements, developing those construction details on the site which are exclusive of any
20 building or structure and do not require the seal of an engineer or architect, preparing and
21 coordinating technical submissions, and conducting site observation of landscape architecture
22 projects.

23 Landscape architecture, for the purposes of landscape preservation, development, and
24 enhancement, includes: investigation, selection, and allocation of land and water resources for

1 appropriate use; feasibility studies; formulation of graphic and written criteria to govern the
2 planning and design of land construction programs; preparation, review, and analysis of master
3 plans for land use and development; production of overall site plans, landscape grading and
4 landscape drainage plans, irrigation plans, planting plans, and construction details;
5 specifications; cost estimates and reports for land development; collaboration in design of roads,
6 bridges, and structures with respect to the functional and aesthetic requirements of the areas on
7 which they are to be placed; negotiation and arrangement for execution of land area projects;
8 field observation and inspection of land area construction, restoration, and maintenance.

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

10 36-18A-9. This chapter does not apply to:

- 11 (1) Any person engaged in military engineering while rendering service exclusively for
12 any of the armed forces of the United States or this state;
- 13 (2) Any person engaged in the practice of ~~professional engineer or engineering~~
14 architecture, landscape architecture, or land surveying in the employ of the United
15 States government but only while exclusively engaged as a United States government
16 employee on such government project or projects which lie within federally-owned
17 land;
- 18 (3) Any person engaged in the practice of ~~professional~~ engineering, architecture,
19 landscape architecture, or land surveying in the employ of the state and any of its
20 political subdivisions but only while rendering service exclusively to such employer.
21 Any building project resulting from the practice of ~~professional~~ engineering,
22 architecture, landscape architecture, or land surveying under this subdivision is
23 subject to the size limitation imposed under the exemptions in subdivision (8) of this
24 section;

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

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

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

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

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

19 (c) Any five to sixteen family dwelling, inclusive, located in a governmental
20 subdivision of this state which provides a detailed building code review of
21 building projects by a building inspection department which is a ~~Class A~~
22 ~~member of the International Conference of Building Officials~~ governmental
23 member of the International Code Council (ICC) or an ICC certified plans
24 examiner;

- 1 (d) Any farm or ranch building or accessory thereto except any building regularly
2 used for public purposes;
- 3 (e) Any temporary building or shed used exclusively for construction purposes,
4 not exceeding two stories in height, and not used for living quarters;
- 5 (7) Any person who prepares detailed or shop plans required to be furnished by a
6 contractor to a registered professional engineer or architect, and any construction
7 superintendent supervising the execution of work designed by an architect or
8 professional engineer registered in accordance with this chapter;
- 9 (8) Any person engaged in the preparation of plans and specifications for the new
10 construction, the enlargement or the alteration of any of the following buildings:
- 11 (a) Any building occupied as a hospital, hotel, motel, restaurant, library, medical
12 office, nursing facility, assisted living facility, jail, retirement home, or
13 mortuary, if the gross square footage of the new construction, the enlargement,
14 or the alteration is four thousand square feet or less;
- 15 (b) Any building occupied as an auditorium, church, school, or theater if the gross
16 square footage of the new construction, the enlargement, or the alteration is
17 five thousand square feet or less;
- 18 (c) Any building occupied as a bowling alley, office, shopping center, bank, fire
19 station, service station, or store if the gross square footage of the new
20 construction, the enlargement, or the alteration is seven thousand square feet
21 or less;
- 22 (d) Any building occupied as an industrial plant or public garage if the gross
23 square footage of the new construction, the enlargement, or the alteration is
24 eleven thousand square feet or less;

Support Bill No. _____

**An Act to Revise Signature and Requirements
For the Board of Technical Professions**

- Desirable to allow some flexibility in the size of seal, rather than allowing only one size as presently prescribed
- It was customary to seal only the cover sheet of a set of single-profession drawings
- Change will clarify that sealing and signing each sheet is not mandated by law
- Flexibility for single-professional drawing sets to be sealed and signed on the cover sheet only
- More clearly identify the minimum requirements for sealing multi-professional drawing sets
- Individual licensee, regulating agencies, and owners can determine their own needs and requirements for seals to be present within or to be removed from electronic documents
- Change in wording will make the provisions consistent with wording in the National Council of Examiners for Engineers and Surveyors (NCEES) and reduce confusion with regard to digital signatures
- Support Bill No. _____

*For more information, please contact:
Kathryn Patterson, Executive Director
Board of Technical Professions
2525 W. Main St., Suite 211
Rapid City, SD 57702
605-394-2510*

State of South Dakota

NINETY-FIRST SESSION LEGISLATIVE ASSEMBLY, 2016

400X0186

HOUSE BILL NO. _____

Introduced by: _____

1 FOR AN ACT ENTITLED, An Act to revise signature and seal requirements for the Board of
2 Technical Professions.

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

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

5 36-18A-44. Any licensed professional engineer, architect, land surveyor, and landscape
6 architect shall ~~procure~~ and use an appropriate seal. The seal shall contain the following
7 information:

- 8 (1) The name, South Dakota;
9 (2) Licensee's name;
10 (3) License number; and
11 (4) The appropriate title or combination of titles: Professional Engineer, Architect, Land
12 Surveyor, Landscape Architect.

13 The seal shall be legible and shall have an outer circle with a ~~two-inch~~ diameter measuring
14 at least one inch and no greater than two inches and an inner circle with a ~~one and one-fourth~~
15 ~~inch~~ diameter measuring five-eighths of the diameter of the outer circle. Titles may be prefixed
16 with the words, Licensed or Registered. The seal may be an embossed seal, a rubber stamp, a



1 computer-generated seal, or other facsimile found acceptable to the board. The licensee's
2 ~~original-written~~ signature and the date shall be adjacent to or across the seal. Petroleum release
3 assessors and remediators, or interns, may not ~~obtain or use any~~ a seal.

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

5 36-18A-45. The application of the licensee's seal and signature and the date constitutes
6 certification that the work on which it was applied was done by the licensee or under the
7 licensee's responsible charge. The seal, signature, and date shall be placed in such a manner that
8 can be legibly reproduced on the following:

9 (1) All originals, copies, tracings, electronic submittals, or other ~~reproducibles~~
10 reproductions of all final drawings, specifications, reports, plats, plans, land surveys,
11 design information, and calculations prepared by the licensee or under the licensee's
12 responsible charge when presented to a client or any public or governmental agency.

13 A licensee may not review or check technical submissions of another licensed
14 professional or unlicensed person and seal the documents as the licensee's own work;

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

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

23 ~~(4) Drawings that are transmitted electronically to a client or governmental agency shall~~
24 ~~have the computer-generated seal removed from the original file. The electronic~~

1 ~~media shall have the following inserted in lieu of the seal, signature, and date: This~~
2 ~~document originally issued and sealed by (name of licensee/sealer), (title), (license~~
3 ~~number), on (date of sealing). This media should not be considered a certified~~
4 ~~document;~~

5 ~~(5) Drawings, reports, or documents that are signed and sealed using a digital method~~
6 ~~shall have an electronic authentication process attached to or logically associated~~
7 ~~with the electronic documents. The digital signature shall be:~~

- 8 ~~_____ (a) Unique to the person using it;~~
9 ~~_____ (b) Capable of verification;~~
10 ~~_____ (c) Under the sole control of the person using it; and~~
11 ~~_____ (d) Linked to a document in such a manner that the digital signature is invalidated~~
12 ~~if any data in the document is changed.~~

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

14 36-18A-45.1. Each drawing, report, or document that is signed and sealed using a digital
15 signature shall have an electronic authentication process attached to or logically associated with
16 the electronic document. The licensee's use of a digital signature is optional and, if used, shall
17 be:

- 18 (1) Unique to the licensee;
19 (2) Capable of verification;
20 (3) Under the sole control of the licensee using it; and
21 (4) Linked to a document in such a manner that the digital signature is invalidated if any
22 data in the document is changed.

23 A digital signature that uses a process approved by the board is presumed to meet the criteria
24 ~~set forth in subdivision 36-18A-45(5)~~ provided in this section. Any hard copy printed from the

- 1 transmitted electronic file shall bear the facsimile of the signature and seal and shall be a
- 2 confirmation that the electronic file was not altered after the initial digital signing of the file.
- 3 Any alterations to the file shall cause the facsimile of the signature to be voided.



FAST FACTS



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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 Dixon (mdixson@ncarb.org) if you have any questions.

Comments from our Member Boards will be received through **January 12, 2016**. Although the comment period will still be open, our Board of Directors will review comments received to date during their December meeting 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](#).

Implementation of New Broadly Experienced Foreign Architect (BEFA) Program

The Broadly Experienced Foreign Architect (BEFA) Program was designed to allow a path to licensure for a foreign architect so that he/she may obtain the ability to practice independently in the United States while protecting the public health, safety, and welfare. *Resolution 2015-02: Revision of the Requirements for Certification of Foreign Architects* called for an overhaul to the requirements of the BEFA Program. This resolution passed by a vote of 49-4 and implementation efforts are underway. Below is an outline of important information you should be aware of:

Effective **July 1, 2016**, the new requirements for certification of foreign architects will be:

- Education Requirement: Hold a recognized education credential in an architecture program that leads to licensure/credential in a foreign country
- Registration Requirement: Credentialed in a foreign country allowing unlimited practice that has a formal record-keeping mechanism for disciplinary actions in the practice of architecture
- Experience Requirement: Complete the requirements of the Intern Development Program (IDP); and
- Examination Requirement: Pass the Architect Registration Examination® (ARE®).

Application of these requirements for foreign architects will ensure equality among expectations of foreign and U.S. architects. Requiring compliance with two recognized Council programs also provides a better assessment of an applicant's competence in understanding and applying U.S. building codes and laws, accessibility requirements, and practice requirements. It is important to note that in modifying the requirements for

certification of foreign architects, **applicants will no longer be required to complete a minimum of seven (7) years of practice in the country where they are credentialed as an architect, nor will they be required to compile a dossier of their experience and participate in an interview with the BEA Committee.**

Our systems are being modified to reflect the new requirements of the program. It is anticipated that starting in early 2016, foreign architect applicants will be able to submit an application to the Council for eligibility into the new program. If determined eligible, NCARB will open eligibilities to the ARE so these applicants can begin scheduling their exams. They will also be granted the ability to document their experience to meet the requirements of the IDP. **Note: the reporting requirements will not apply to these candidates as they will be classified as registered architects.** While applicants will be eligible to document their IDP and take the ARE, they will not be eligible for certification until July 1, 2016.

Our records indicate that 37 jurisdictions will be able to accept an applicant for licensure that has satisfied the requirements for certification of foreign architects. An additional 13 may be able to accept such applicants if certain stipulations are met, and four (4) will not be able to accept this new path for foreign architects. **We kindly ask that you review your laws and rules and let us know if such applicants will meet the requirements for reciprocal licensure in your jurisdiction. Please send your feedback to Derek Haese Assistant Director, Member Board Relations, at dhaese@ncarb.org.**

Update: FTC vs. North Carolina Board of Dental Examiners – Outcomes and Guidance

Recent Activities

We continue to monitor actions stemming from the U.S. Supreme Court's decision in the *FTC v North Carolina Board of Dental Examiners* case. The Court's opinion imposes a new "context-dependent" test to determine whether a state exercises sufficient supervision to confer antitrust immunity on state licensing boards composed of market participants. Outlined below are a few significant activities that have occurred in the past month.

- NCARB staff attended a national symposium for regulatory board attorneys, which did not reveal any national consensus or common approach/interpretation of the North Carolina Dental decision.
- The California Attorney General has issued a draft legal opinion that articulates the various findings of the Supreme Court and explores various options for state implementation without charting a specific course of action.
- We continue to track comments from various elected officials, state attorneys, and interest groups from throughout the United States. Again, no consensus or action plan has emerged or been implemented.
- While this case does not authorize federal oversight of the state regulatory process, the Federal Trade Commission has nonetheless chosen to issue "guidelines" from FTC staff—a lesser document than any official opinion of the FTC itself. Given that the FTC is a potential plaintiff in any future litigation using *North Carolina Dental* as a basis, our legal counsel advises caution in determining how the FTC

Staff Guidelines are used to influence action your jurisdiction. We again urge all Member Boards to consult with their legal counsel before taking any action in response to the Supreme Court's decision.

The FTC Staff Guidelines were issued on October 14, 2015, in what the FTC characterizes as "response to requests for advice from state officials and others as to what constitutes antitrust compliance for state boards responsible for regulating occupations." The FTC Staff Guidance memorandum addresses two issues following the *North Carolina Dental* decision:

1. When FTC staff think active supervision of a state regulatory board is required to invoke the state action defense.
2. Factors that FTC staff believe may be relevant to determining whether the active supervision requirement has been satisfied.

The FTC Staff Guidance highlights legal principles governing the active supervision requirement and does not dictate a mandatory or uniform approach. The FTC Staff Guidance recommends each state regulatory board consult with its state attorney general for board-specific compliance advice. We underscore the fact that the FTC Staff Guidance is non-binding on the agency or courts, but reflects the understandings of the FTC Staff; they state that their guidance is designed to provide assistance to the regulated community. If you have not done so already, you can review this memorandum [here](#).

Further NCARB Commentary Under Development

Because each of our Member Boards have slightly different compositions and relationships with their jurisdictional governments, one set of advice or one scenario will not apply to all Member Boards. Accordingly, we are developing a "compliance map" with the assistance of our legal counsel to highlight how certain facts in your jurisdiction may trigger scrutiny or assure alignment with the Supreme Court decision. We hope this will be helpful in your ongoing discussions with your legal counsel.

Additional Antitrust Cases to Watch

Since the Supreme Court ruling that state regulatory boards do not automatically qualify for state action immunity in the *North Carolina Dental Board* case, several lawsuits have been filed in federal courts across the country arguing that state boards may be limiting competition. In an informative article, Melissa Lipman, reporter at Portfolio Media, provides an overview of six (6) state board antitrust cases to watch. A copy of her article can be found [here](#).

Public Director Position on the Board of Directors

In response to the passage of *Resolution 2015-03: Bylaws Amendment - Modifications to the Qualifications of Public Director on Council Board of Directors*, which modified the qualifications for the public director to be a current, active public or consumer member on an NCARB Member Board, President Dennis Ward created a task force charged with developing a process to identify and elect a public member board member to serve on the Board of Directors beginning in July 2016. The task force met in October and included

Darryl Hamm (PA), Carole Briggs (CT), John Cardone (LA), Joe Miller (KY) and Dave Hoffman, FAIA, NCARB (KS) as the Board liaison.

Prior to making a recommendation to the NCARB Board of Directors, the task force would like to garner feedback from all public members. Therefore, they will host a webinar on **November 19, 2015 at 2 p.m. EST** to outline the proposed election process and receive feedback. You can register for this event [here](#).

Overview of ARE® Testing Accommodations Process

The Examination Directorate has received a few inquiries recently regarding the procedures for providing testing accommodations to ARE candidates. Because of this, we thought it would be beneficial to provide an overview of how the process works:

Submission of Request

- A candidate whose eligibilities are managed by NCARB (i.e., a candidate seeking registration in a jurisdiction that participates in NCARB's Direct Registration (DR) Program) submits their testing accommodations request directly to NCARB.
- A candidate whose eligibilities are managed by a Member Board (i.e., a candidate seeking registration in a jurisdiction that does not participate in the DR program) submits their testing accommodations request to their board for approval. Such boards then forward the request along with their determination to NCARB's Examination Directorate.

NCARB Review of Request

- NCARB conducts a legal review for each testing accommodation request it receives. If there are no legal concerns regarding the accommodation request, NCARB establishes the accommodation in the system and coordinates the specifics with Prometric. Notice is then given back to the board and candidate that the accommodation request has been approved.
- If NCARB's legal counsel believes a board has granted an excessive accommodation, NCARB will contact the board to inform them of such determination. If the board decides to grant the accommodation, NCARB would facilitate the accommodation with Prometric; however, the board now assumes potential additional costs associated with the accommodation granted.

Implementation of Request

- After NCARB establishes the accommodation in the system and coordinates the specifics with Prometric, the board and/or NCARB are no longer involved in the facilitation of the accommodation. Prometric will contact the candidate directly by phone to finalize the details of the approved testing accommodation and schedule the administration.

If you have any questions about this process, please contact Joan Paros, Assistant Director, Examination Operations, at jparos@ncarb.org.

Save the Dates

2016 MBE Workshop & Regional Summit

March 10: MBE Workshop (for MBEs and legal counsel only)

March 11–12: Regional Summit

Hyatt Regency Savannah

Savannah, Georgia

Further details and more information about the meeting will be distributed by your Regional Executive in December.

2016 Annual Business Meeting

June 15–18

Fairmont Olympic Hotel

Seattle, Washington

Funding Opportunities for Regional Summit and 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 (2) delegates to the meetings. 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 to attend these meetings. This will be a limited program with funding being made available on a first-come, first-served basis.

Please be on the lookout for an email from Kathy Hillegas asking all Member Board Executives to submit the names of their funded delegates, as well as the call for Public Member scholarship applications. If you have any questions, please don't hesitate to contact Nefertari Carver at ncarver@ncarb.org.

Resources for Members

As a service to our Member Board Members and Executives, NCARB offers a password protected Registration Board section on our website. Users can [log in](#) by using your My NCARB username and password. Upon accessing the "Member Resources" section, you will find a research library on topics affecting architecture boards, updates on legislation affecting the practice of architecture and regulation of architects, and archived copies of newsletters and publications, meeting materials, webinars and more. In addition, you have access to our enhanced Roster database that offers a directory of every jurisdictions' board members.

Please contact Nefertari Carver, Manager, Council Relations at ncarver@ncarb.org if you need help gaining access.

Please email Council Relations at council-relations@ncarb.org if you no longer wish to receive communications from NCARB.

Recent News: In Case You Missed It

A round up of recent news from the Council:

- **November 10:** The University of Kansas has been accepted to participate in NCARB's integrated path to architectural licensure. The school is one of [14 NAAB-accredited programs](#) that has been accepted by NCARB to join the inaugural class, which includes M.Arch and B.Arch programs from across the country. Read the [full press release](#).
- **November 6:** Last year, our community of Member Boards and volunteers set several key initiatives in motion—read about the highlights in the [2015 NCARB Annual Report](#). We would love to hear your [feedback](#) on this year's report!
- **November 3:** Next summer, the Intern Development Program (IDP) will be [updated](#) to reflect six broad areas of architectural practice.
- **October 6:** With ARE 5.0 launching in late 2016, we want to make sure aspiring architects are armed with the tools they need to succeed. That's why we've launched the [ARE 5.0 Transition Calculator](#).
- **October 5:** On October 5, 2015, NCARB sent a [letter](#) to the *Wall Street Journal* in response to an opinion piece about the timeline to licensure.

Patterson, Kathryn

From: Faith Bostic <fbostic@ncees.org>
Sent: Wednesday, November 11, 2015 1:19 PM
To: Timothy Miller
Subject: Notice of Future Changes to NCEES Exams and Supporting Materials
Attachments: October 2015 - Member Board Memo.pdf

Dear Member Boards and Testing Agencies:

Attached is a memo from Tim Miller, P.E., Director of Examination Services, regarding upcoming changes to future exams. There are also important reminders about exam deadlines for April 2016.

Should you have any questions, please contact Tim at tmiller@ncees.org.

Thank you.

Faith Bostic
Exam Services Coordinator

NCEES

T: 864-654-6824, ext. 5258

F: 864-654-6033

ncees.org

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MEMO**DATE:** November 10, 2015**TO:** Member Board Administrators and Testing Services**FROM:** Tim Miller, P.E., Director of Examination Services**RE:** Notice of Future Changes to NCEES Exams and Supporting Materials

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

October 2016 Exam Changes

- **PE Mining and Mineral Processing** — The PE Mining and Mineral Processing exam will have revised specifications starting in October 2016. The specifications are attached and posted on the NCEES website. Since the last administration with the old specifications has already occurred and the new specifications are already posted on our website, these specifications may be shared.
- **Principles and Practice of Surveying (PS)** — The PS exam will be administered in computer-based testing (CBT) format with the first appointments available on Monday, October 3, 2016. CBT registration for the PS exam will begin in mid-June 2016.

April 2016 Exam Changes

As a reminder, the following changes are in place for the April 2016 exam administration.

- **PE Naval Architecture and Marine Engineering** — The PE Naval Architecture and Marine Engineering exam has new specifications starting in April 2016. The specifications are posted on the NCEES website.
- **Principles and Practice of Surveying (PS)** — The PS exam will be administered in pencil-and-paper format for the last time in April 2016. The exam will be converted to a computer-based test after that, with the first appointments available in October 2016.

April 2016 NCEES Registration Deadlines

- **Spring 2016 Exam Dates** — The spring exams will be administered on **April 15 and 16, 2016**. The PS and PE exams and the Vertical Forces component of the SE exam will be administered only on Friday, April 15. The Lateral Forces component of the SE exam will be administered only on Saturday, April 16.
- **Spring 2016 Registration** — Registration for the spring exams will open on **December 7, 2015**, and close for examinees at 3:00 p.m. eastern time on **February 18, 2016**. The deadline for boards/testing

services to mark candidates approved and confirm shipping information is 3:00 p.m. eastern time on **March 3, 2016**. To meet the fulfillment and shipping requirements, we cannot add candidates after this time.

- **Special Accommodations** — All requests for testing accommodations must be submitted through the E3 system by the registration deadline of **February 18, 2016**. These include accommodations for ADA and religious reasons and for active military service. More information about special accommodations is posted on the NCEES website. Member boards/testing services must provide all override information for approved ADA and religious accommodations to ensure that correct information is shown on a candidate's exam authorization. Any other requests for deviations from the schedule must be submitted to Bob Whorton, P.E., Manager of Compliance and Security, at bwhorton@ncees.org.
- **Exam Shipping** — The earliest day an exam order will be delivered to a site is **March 28**. The last day an exam order will be delivered to a site is **April 11**. Inventory must be completed by **April 12**. A packing list will be included with each shipment, identifying the exam booklet serial numbers. Discrepancies between the packing list and the actual contents of the boxes should be reported to Bob Whorton at bwhorton@ncees.org as soon as they are found.

Also, as a point of information, the Institute of Industrial Engineers (IIE) requested, in accordance with EDP 8.E, that both the FE Industrial exam and the PE Industrial exam be renamed "Industrial and Systems Engineering." The request was reviewed by the EPE committee and a recommendation was forwarded to the Board of Directors. The Board of Directors approved the recommendation at their November 2015 meeting. This change will be made when the E3 system is upgraded in spring 2016.

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

C: NCEES Board of Directors

Dave Whitman, Ph.D., P.E., EPE Chair
George Murgel, P.E., S.E., EPE Vice Chair
Lisa Hanni, L.S., EPS Chair
Joe Flynn, L.S., EPS Vice Chair
Jerry Carter, Chief Executive Officer
Davy McDowell, P.E., Chief Operating Officer
Steven Matthews, Chief Technology Officer
Bob Whorton, P.E., Manager of Compliance and Security
Ashley Cheney, Manager of Exam Publications
Keri Anderson, Manager of Corporate Communications

II. Mine Planning/Operations	31
A. Mining Methods and Layouts	8
1. Surface mining methods and planning (e.g., contour strip, open pit/area, quarries, dredging)	
2. Underground mining methods and planning (e.g., block caving, cut and fill, room and pillar, shrinkage stopping, underhand and overhand stopping, longwall)	
3. In situ mining methods and planning	
4. Deposit access (e.g., adits, slopes, shafts, haul roads)	
B. Mine Equipment, Facilities, and Systems	13
1. Production	
2. Material handling and transportation	
3. Ventilation	
4. Power distribution (e.g., electrical, compressed air, hydraulic)	
5. Rock fragmentation (e.g., cutting/boring machines, drilling, blasting and explosives)	
6. Pumping, dewatering, and drainage	
7. Communication, monitoring, and control	
C. Ground Control	5
1. Surface and underground ground control analysis and methods for coal, hard rock, and industrial minerals (e.g., slope stability, strata control, pillar design, shaft stability, geomechanics)	
2. Rock mass classification systems (e.g., RQD)	
3. Physical properties and strength-testing techniques, results, and application	
D. Mine Planning and Systems	5
1. Mine surveying and mapping	
2. Resource requirements evaluation (e.g., equipment, materials, personnel, logistical support)	
3. Mine maintenance systems	
III. Mineral Processing	24
A. Laboratory/Pilot Testing and Results	4
1. Lab-scale metallurgical, mineral processing, and analytical test procedures (e.g., atomic absorption, diagnostic leaching, solvent extraction, Bond work index, coal washability, physical separations)	
2. Integration of mineralogical and chemical characteristics for selection of appropriate processing techniques	
B. Process Flow Sheets	9
1. Laboratory and pilot results interpretation, process flow sheet determination, and production level scale-up	
2. Extractive metallurgical principles (e.g., hydrometallurgy and pyrometallurgy)	
3. Comminution, classification, and beneficiation principles (e.g., crushing, grinding, flotation, gravity separation)	
4. Solid/liquid separation principles (e.g., thickening, filtration, countercurrent decantation [CCD])	
5. Material, water, heat, and energy balances	

C.	Plant Equipment, Facilities, and Systems	7
1.	Site considerations and plant layout	
2.	Piping and instrumentation diagrams (P&ID)	
3.	Unit operations and equipment selection and sizing (e.g., tank sizing, pumping, piping, conveying)	
D.	Plants and Facilities	4
1.	Control of plant performance (e.g., operation and maintenance of mill or mineral processing equipment, process control systems)	
2.	Resource requirements evaluation (e.g., reagents, materials, personnel, mill feed, logistical support)	
IV.	Environment and Reclamation	15
A.	Site, Mining, and Process Environment	4
1.	Contaminant characterization and transport (i.e., air, ground/surface water, solids)	
2.	Environmental chemistry, geochemistry, geology, ecology, and biology	
3.	Waste characterization	
4.	Characterization of site conditions through interpretations of field and laboratory data	
B.	Exploration, Mining, and Processing Impacts	5
1.	Waste disposal and containment systems (e.g., backfill, tailings and slurry impoundments, caps, liners, leakage recovery and detection systems)	
2.	Water treatment systems (e.g., potable, process, mine, wetlands)	
3.	Mining and processing solid waste disposal and treatment systems	
4.	Pollution monitoring and prevention measures (e.g., sediment control, surface water discharge, dust, air filtration systems)	
5.	Site water balance	
C.	Environmental and Reclamation Plan	3
1.	Site monitoring and analysis (e.g., subsidence, ground and surface water, vibration, noise, air)	
2.	Environmental planning and cost estimation through postclosure	
3.	Reclamation planning and cost estimation through postclosure	
D.	Reclamation and Postclosure	3
1.	Earthwork techniques and equipment (e.g., grading, cutting, filling, ripping)	
2.	Postmining land configuration and erosion control system design (e.g., riprap, ditches, silt fences, matting, sedimentation ponds)	
3.	Site monitoring and bond release (e.g., groundwater, vegetation)	

Patterson, Kathryn

From: Patterson, Kathryn
Sent: Tuesday, November 10, 2015 1:49 PM
To: 'dbmicko@gmail.com'
Subject: FW: EAC Criteria Changes

Just received the email below and thought I would forward for your review prior to Friday. I will also have a printed copy up to the survey in the packets.

Kathryn Patterson

South Dakota 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: Jerry Carter [<mailto:jcarter@ncees.org>]
Sent: Tuesday, November 10, 2015 1:28 PM
To: Patterson, Kathryn;
Subject: EAC Criteria Changes

All:

At the Fall meeting, the ABET Board approved recommendations to make some changes to the EAC criteria. Those changes and the rationale can be found at the following site:

<http://www.abet.org/news/abet-releases-criteria-proposal-for-public-comment/>

Please forward this information to your respective board members for their review and consideration. This item will be included on the NCEES Board's February agenda so I would ask that you forward any comments you or your board members may have with regards to the proposed changes. The public notice period extends until June 2016 and as a member organization of ABET, we would wish to provide our comments if any.

If there are questions, please let me know.

Jerry

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ABET RELEASES CRITERIA PROPOSAL FOR PUBLIC COMMENT

11/05/15

Following the Fall 2015 Board Meeting, we are releasing the Engineering Criteria changes for public review and comment.

The Engineering Accreditation Commission (EAC) leadership presented these changes to the Engineering Area Delegation and they were approved at first reading. We encourage you to provide your feedback and share this information with any interested parties.

Remember, June 15, 2016 is the deadline to submit your comments. We welcome your input and hope to receive a great deal of valuable insight.

Update: Deadline extended to June 30, 2016

Based on feedback received and realizing the importance to engage as many perspectives as possible, the EAC has agreed to extend the deadline for public comment. You now have until June 30, 2016 to submit your input using the [Feedback Survey](https://www.surveymonkey.com/r/CRIT35R2) (<https://www.surveymonkey.com/r/CRIT35R2>) link.

We would like to emphasize that this will not be your only opportunity to be heard. ABET senior staff and leadership will be presenting at several society events, department

heads workshops, and other selected professional venues over the coming months. A list of dates and venues will be posted as they are confirmed.

Documents

[Proposed Revisions to EAC Criteria 3 and 5 \(PDF\) >](http://www.abet.org/wp-content/uploads/2015/11/Proposed-Revisions-to-EAC-Criteria-3-and-5.pdf)
(<http://www.abet.org/wp-content/uploads/2015/11/Proposed-Revisions-to-EAC-Criteria-3-and-5.pdf>)

[Rationale for Revising Criteria 3 and 5 >](http://www.abet.org/accreditation/accreditation-criteria/accreditation-alerts/rationale-for-revising-criteria-3/)
(<http://www.abet.org/accreditation/accreditation-criteria/accreditation-alerts/rationale-for-revising-criteria-3/>)

[Recommended Motion from the EAC Chair \(PDF\) >](http://www.abet.org/wp-content/uploads/2015/11/Recommended-Motion-EAC-Chair.pdf)
(<http://www.abet.org/wp-content/uploads/2015/11/Recommended-Motion-EAC-Chair.pdf>)

[Criterion 3 Revision Timeline \(2009-2016\) >](http://www.abet.org/criterion-3-revision-timeline/)
(<http://www.abet.org/criterion-3-revision-timeline/>)

[Feedback Survey >](https://www.surveymonkey.com/r/CRIT35R2)
(<https://www.surveymonkey.com/r/CRIT35R2>)

ABET 415 North Charles Street, Baltimore, MD 21201 Phone +1.410.347.7700

Site Designed by Ashton Design (<http://ashton-design.com/>)

**PROPOSED REVISIONS
TO
CRITERIA FOR ACCREDITING ENGINEERING PROGRAMS
DEFINITIONS,
GENERAL CRITERION 3 STUDENT OUTCOMES,
AND
GENERAL CRITERION 5 CURRICULUM**

Background

Graduates of programs accredited by the EAC must be prepared for professional practice of engineering, and engineering is evolving to meet continually emerging demands. Criterion 3, Student Outcomes, as published in *Criteria for Accrediting Engineering Programs* was written 20 years ago in preparation for outcomes-based education. Over a period of several years, the EAC Criteria Committee has been engaged in a review of Criterion 3 and has sought input from a broad variety of sources concerning skills and attributes needed for the professional practice of engineering. Based on the input received, the EAC has developed this proposed revision to the *Criteria for Accrediting Engineering Programs*. Revisions are proposed to Criterion 3, framing student outcomes that address relevant topic areas and moving some items into Criterion 5, Curriculum. Definitions and explanations currently placed in Criterion 5 were moved to a revised introductory section to the *Criteria for Accrediting Engineering Programs* after the harmonized ABET definitions and before *Section I. General Criteria for Baccalaureate Level Programs*.

Based on feedback received and the recommendation of the EAC, the Engineering Area Delegation may decide to extend the review and comment period for one additional year. Likewise, due to the breadth and complexity of the proposed changes and the impact to programs demonstrating compliance with Criteria, a phase-in implementation period may be recommended by the EAC to the Engineering Area Delegation.

Criteria for Accrediting Engineering Programs
Effective for Reviews during the 20XX-20YY Accreditation Cycle

Definitions

While ABET recognizes and supports the prerogative of institutions to adopt and use the terminology of their choice, it is necessary for ABET volunteers and staff to have a consistent understanding of terminology. With that purpose in mind, the Commissions will use the following basic definitions:

Program Educational Objectives – Program educational objectives are broad statements that describe what graduates are expected to attain within a few years of graduation. Program educational objectives are based on the needs of the program's constituencies.

Student Outcomes – Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program.

Assessment – Assessment is one or more processes that identify, collect, and prepare data to evaluate the attainment of student outcomes. Effective assessment uses relevant direct, indirect, quantitative and qualitative measures as appropriate to the outcome being measured. Appropriate sampling methods may be used as part of an assessment process.

Evaluation – Evaluation is one or more processes for interpreting the data and evidence accumulated through assessment processes. Evaluation determines the extent to which student outcomes are being attained. Evaluation results in decisions and actions regarding program improvement.

This document contains three sections:

The first section includes important **definitions** used by all ABET commissions.

The second section contains the **General Criteria for Baccalaureate Level Programs** that must be satisfied by all programs accredited by the Engineering Accreditation Commission of ABET and the **General Criteria for Masters Level Programs** that must be satisfied by those programs seeking advanced level accreditation.

The third section contains the **Program Criteria** that must be satisfied by certain programs. The applicable Program Criteria are determined by the technical specialties indicated by the title of the program. Overlapping requirements need to be satisfied only once.

~~These criteria are intended to assure quality and to foster the systematic pursuit of improvement in the quality of engineering education that satisfies the needs of constituencies in a dynamic and competitive environment. It is the responsibility of the institution seeking accreditation of an engineering program to demonstrate clearly that the program meets the following criteria:~~

These criteria are intended to provide a framework of education that prepares graduates to enter the professional practice of engineering who are (i) able to participate in diverse multicultural workplaces; (ii) knowledgeable in topics relevant to their discipline, such as usability, constructability, manufacturability and sustainability; and (iii) cognizant of the global dimensions, risks, uncertainties, and other implications of their engineering solutions. Further, these criteria are intended to assure quality to foster the systematic pursuit of improvement in the quality of engineering education that satisfies the needs of constituencies in a dynamic and competitive environment. It is the responsibility of the institution seeking accreditation of an engineering program to demonstrate clearly that the program meets the following criteria.

The Engineering Accreditation Commission of ABET recognizes that its constituents may consider certain terms to have certain meanings; however, it is necessary for the Engineering Accreditation Commission to have consistent terminology. Thus, the Engineering Accreditation Commission will use the following definitions:

Basic Science – Basic sciences consist of chemistry and physics, and other biological, chemical, and physical sciences, including astronomy, biology, climatology, ecology, geology, meteorology, and oceanography.

College-level Mathematics – College-level mathematics consists of mathematics above pre-calculus level.

Engineering Science – Engineering sciences are based on mathematics and basic sciences but carry knowledge further toward creative application needed to solve engineering problems.

Engineering Design – Engineering design is the process of devising a system, component, or process to meet desired needs, specifications, codes, and standards within constraints such as health and safety, cost, ethics, policy, sustainability, constructability, and manufacturability. It is an iterative, creative, decision-making process in which the basic sciences, mathematics, and the engineering sciences are applied to convert resources optimally into solutions.

Teams – A team consists of more than one person working toward a common goal and may include individuals of diverse backgrounds, skills, and perspectives.

One Academic Year – One academic year is the lesser of 32 semester credits (or equivalent) or one-fourth of the total credits required for graduation with a baccalaureate degree.

Criterion 3. Student Outcomes

~~The program must have documented student outcomes that prepare graduates to attain the program educational objectives.~~

~~Student outcomes are outcomes (a) through (k) plus any additional outcomes that may be articulated by the program.~~

~~(a) an ability to apply knowledge of mathematics, science, and engineering~~

~~(b) an ability to design and conduct experiments, as well as to analyze and interpret data~~

~~(c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability~~

~~(d) an ability to function on multidisciplinary teams~~

~~(e) an ability to identify, formulate, and solve engineering problems~~

- ~~(f) an understanding of professional and ethical responsibility~~
- ~~(g) an ability to communicate effectively~~
- ~~(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context~~
- ~~(i) a recognition of the need for, and an ability to engage in life-long learning~~
- ~~(j) a knowledge of contemporary issues~~

- ~~(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.~~

The program must have documented student outcomes. Attainment of these outcomes prepares graduates to enter the professional practice of engineering.

Student outcomes are outcomes (1) through (7) plus any additional outcomes that may be articulated by the program.

1. An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.
3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
4. An ability to communicate effectively with a range of audiences.
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
6. An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.
7. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.

Criterion 5. Curriculum

~~The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The faculty must ensure that the program curriculum devotes adequate attention and time to each component, consistent with the outcomes and objectives of the program and institution. The professional component must include:~~

- ~~(a) one year of a combination of college level mathematics and basic sciences (some with experimental experience) appropriate to the discipline. Basic sciences are defined as biological, chemical, and physical sciences.~~
- ~~(b) one and one half years of engineering topics, consisting of engineering sciences and engineering design appropriate to the student's field of study. The engineering sciences have their roots in mathematics and basic sciences but carry knowledge~~

~~further toward creative application. These studies provide a bridge between mathematics and basic sciences on the one hand and engineering practice on the other. Engineering design is the process of devising a system, component, or process to meet desired needs. It is a decision making process (often iterative), in which the basic sciences, mathematics, and the engineering sciences are applied to convert resources optimally to meet these stated needs.~~

~~(c) a general education component that complements the technical content of the curriculum and is consistent with the program and institution objectives.~~

~~Students must be prepared for engineering practice through a curriculum culminating in a major design experience based on the knowledge and skills acquired in earlier course work and incorporating appropriate engineering standards and multiple realistic constraints.~~

~~One year is the lesser of 32 semester hours (or equivalent) or one fourth of the total credits required for graduation.~~

The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The curriculum must support attainment of the student outcomes and must include:

(a) one academic year of a combination of college-level mathematics and basic sciences (some with experimental experience) appropriate to the program.

(b) one and one-half academic years of engineering topics, consisting of engineering sciences and engineering design appropriate to the program and utilizing modern engineering tools.

(c) a broad education component that includes humanities and social sciences, complements the technical content of the curriculum, and is consistent with the program educational objectives.

Students must be prepared to enter the professional practice of engineering through a curriculum culminating in a major design experience based on the knowledge and skills acquired in earlier course work and incorporating appropriate engineering standards and multiple constraints.

< Accreditation (<http://www.abet.org/accreditation/>)

/ Accreditation Criteria & Supporting Documents

(<http://www.abet.org/accreditation/accreditation-criteria/>)

/ Accreditation Alerts (<http://www.abet.org/accreditation/accreditation-criteria/accreditation-alerts/>)

/ Rationale for Revising Criteria 3 and 5

RATIONALE FOR REVISING CRITERIA 3 AND 5

Why are We Looking at Criterion 3?

More than 80 years ago, ABET was founded to ensure that new graduates had the skills needed to enter the profession. And, to this day, we constantly challenge ourselves to learn more about the changing needs of academia, industry and the world as a whole, keeping our criteria relevant, fresh and compelling. This is exactly why we are taking a closer look at our Criteria—specifically Criterion 3—to ensure that they are richer and measurable, but above all realistic.

How this Conversation Started

Discussions regarding potential revisions of Criterion 3 date back to 2009, when the Criteria Committee of the Engineering Accreditation Commission (EAC) was completing the process of harmonizing the criteria across ABET's four commissions. During that process, the committee recognized that Criterion 3, Program Outcomes, one of the non-harmonized criteria, had not been reviewed since it was originally formulated in the mid-1990s in preparation for outcomes-based criteria. Increasingly, the EAC was receiving requests from constituent groups for additional outcomes to be included in Criterion 3. The EAC leadership was aware that each year a substantial percentage of the shortcomings cited were associated with Criterion 3.

During that same year, as part of an information gathering process, the EAC convened a Criterion 3 task force to begin a process of review. The task force developed a process that included the identification of stakeholders and outreach to these groups, the examination of the number of shortcomings associated with Criterion 3, the review of correspondence received by ABET

concerning Criterion 3, an in-depth literature review of desired attributes for engineers, and the development of several draft proposals for review to gather feedback from a broad range of constituents.

Gathered Perspectives

The task force identified the following parties as potential stakeholders:

1. Domestic and non-domestic undergraduate engineering programs
2. Domestic and non-domestic graduate engineering programs
3. Employers of the graduates of domestic and non-domestic colleges and universities, including for example:
 1. Private and public companies that hire engineering graduates
 2. National research laboratories
 3. Government research laboratories, Corps of Engineers
4. Boards of Professional Engineering Registration
5. Professional Societies

Members of the task force represented domestic undergraduate and graduate engineering programs, industry, and professional societies. Task force members also made efforts to gain additional input from a broad range of constituents. These outreach efforts included presentations to both the ABET Industrial Advisory Committee and the ABET Academic Advisory Committee in 2013 and 2015, along with presentations by ABET staff at several professional society meetings in 2014 and 2015. In addition, a link on the ABET website was established so that constituents could provide comments directly.

At the request of the task force, the EAC also surveyed program evaluators during the 2010-11 cycle regarding the elements of Criterion 3 that led to citations of shortcoming. Shortcomings were reported in all 11 of the (a)-(k) components of Criterion 3, mostly at the weakness or concern level. The data collected revealed that programs had the most difficulty determining the extent of outcome attainment with components 3(d) (ability to function on multidisciplinary teams), 3(f) (understanding of professional and ethical responsibility), 3(h) (a broad education to understand engineering solutions in global, economic, environmental, and societal context), 3(i) (recognition of the need for and ability to engage in life-long learning), and 3(j) (knowledge of contemporary issues). The Criterion 3 task force concluded that some of the (a)-(k) components were interdependent, broad and vague in scope, or impossible to measure. As a consequence, program evaluators were inconsistent in their interpretation of how well programs were complying with Criterion 3.

The EAC undertook an outreach effort in 2012-13 to inform constituent groups that Criterion 3 was being reviewed and to solicit suggestions regarding changes. Some constituent groups independently informed the EAC that important outcomes were missing from the (a)-(k) list and they proposed additional outcomes. Communications with constituent groups took the form of email, letters, presentations, and position papers. Suggested additions to the list of outcomes brought the total to 75.

In addition to the feedback received from constituents, the task force reviewed several major publications concerning desired attributes of engineers. These publications included, but were not limited to the following:

1. ABET publication (2006) *Engineering Change: A Study of the Impact of EC2000, Executive Summary*, 2006, [abet.org/papers.shtml](http://www.abet.org/papers.shtml) (<http://www.abet.org/papers.shtml>)
2. ASCE's *Civil Engineering Body of Knowledge for the 21st Century*, Second Edition, 2008
3. ASME (2011). *ASME's Vision 2030 Reveals Workforce Development Needs*, American Society of Mechanical Engineers.
4. The Roadmap to 21st Century Engineering from James J. Duderstadt, *Engineering for a Changing World*, Millennium Project, University of Michigan (also published in *Thrive: The Skills Imperative* by the Council on Competitiveness in 2008)
5. Hundley, S., Brown, L., Jacobs, A., Fox, P., Didion, C., Sayre, D., Hoyer, H., (2011). *Attributes of a Global Engineer: Findings from a Work-in-Progress International Survey*, American Society for Engineering Education, 2011. AC 2011-205.
6. International Engineering Alliance: Graduate Attributes and Professional Competencies; Comparisons of the Washington Accord (engineers), Sydney Accord (engineering technology), and Dublin Accord (engineering technicians), June 2009. <http://www.washingtonaccord.org/IEA-Grad-Attr-Prof-Competencies-v2.pdf> (<http://www.washingtonaccord.org/IEA-Grad-Attr-Prof-Competencies-v2.pdf>)
7. International Engineering Alliance: Graduate Attributes and Professional Competencies; Version 3, 21-June, 2013. <http://www.ieagrements.org/IEA-Grad-Attr-Prof-Competencies.pdf> (<http://www.ieagrements.org/IEA-Grad-Attr-Prof-Competencies.pdf>) (Accessed March, 2015)
8. National Academies. (2010) *Rising Above the Gathering Storm, Revisited*. National Academies Press.
9. National Academy of Engineering. (2005) "Educating the Engineer of 2020: Adapting Engineering Education to the New Century,".

http://www.nap.edu/catalog.php?record_id=11338
(http://www.nap.edu/catalog.php?record_id=11338)

10. NSPE Position Statement No. 1752 on Engineering Education Outcomes, adopted in April 2010.

Using the Results

Having gathered information from a wide range of sources, the Criterion 3 task force evaluated the existing (a)-(k) outcomes and those suggested by constituents, grouping them into six topic areas that would drive a possible major change to Criterion 3. This possible change would also serve to align ABET criteria more closely with Washington Accord graduate attributes referencing project management and finance. The Criterion 3 task force presented their findings to the full EAC in July 2013. At that time, the work of the task force was transferred to the Criteria Committee. In July 2014, the EAC authorized the Criteria Committee to gain feedback on possible revisions to the Criteria prior to requesting first reading approval from the Board. Language articulating a potential revision to Criterion 3 was posted on the ABET website and circulated to constituent groups for informal comment in the fall of 2014. More than 100 comments were received from individuals and organizations. The Criteria Committee examined and catalogued all input received. Further discussions in 2014-15 resulted in addition of a seventh topic area, so that the following topic areas would be addressed:

1. Engineering problem solving,
2. Engineering design,
3. Measurement, testing, and quality assurance,
4. Communication skills,
5. Professional responsibility,
6. Professional growth, and
7. Teamwork and project management.

As Criterion 3 language effective in 2015-16 includes some items that are more appropriately placed in Criterion 5, Curriculum, revisions were also proposed to the language of Criterion 5. Criterion 5 language effective in 2015-16 defines or explains several important terms. These definitions or explanations fit poorly in a criterion but are more properly placed in a list of definitions. For this reason, revisions were proposed to the introductory section to *Criteria for Accrediting Engineering Programs*, to be placed after the harmonized ABET definitions and before *Section I. General Criteria for Baccalaureate Level Programs*. The EAC's Criteria Committee believes that all of the elements of the

Criterion 3 that are applicable in 2015-16 are included in the proposed revisions to Criterion 3, Criterion 5, and Introduction section, along with some additional elements.

Seeking Feedback

To give program representatives a forum for providing feedback regarding the proposed revisions, the Criteria Committee has proposed that a workshop be held at the 2016 ABET Symposium in Hollywood/Fort Lauderdale, Florida. Those attending the workshop will participate in describing successful and challenging experiences with the current (a) – (k) student outcomes, including the Criterion 4 requirement for assessing and evaluating the extent to which student outcomes are being attained, and identifying ways in which the proposed student outcomes will be easier or more difficult to measure or evaluate.

In addition, interested parties are encouraged to read the proposed changes on our website and submit their feedback by clicking on this link, <https://www.surveymonkey.com/r/CRIT35R2> (<https://www.surveymonkey.com/r/CRIT35R2>). The Criteria Committee will be collecting and analyzing all input received before June 15, 2016.

Update: Deadline extended to June 30, 2016

Based on feedback received and realizing the importance to engage as many perspectives as possible, the EAC has agreed to extend the deadline for public comment. You now have until June 30, 2016 to submit your input using the [Feedback Survey \(https://www.surveymonkey.com/r/CRIT35R2\)](https://www.surveymonkey.com/r/CRIT35R2) link.

ABET 415 North Charles Street, Baltimore, MD 21201 Phone +1.410.347.7700

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October 15, 2015

TO: Engineering Area Delegation
FROM: Sarah A. Rajala, Chair, Engineering Accreditation Commission
Subject: Proposed Revisions to the *Criteria for Accrediting Engineering Programs*
General Criteria Introduction, Criterion 3. Student Outcomes, and
Criterion 5. Curriculum – First Reading

RECOMMENDED MOTION:

That the Engineering Area Delegation approves the attached *Proposed Revised Criteria for Accrediting Engineering Programs General Criteria Introduction, Criterion 3. Student Outcomes, and Criterion 5. Curriculum* at the first reading in the 2016-17 accreditation cycle.

BACKGROUND:

Since 2008 the Engineering Accreditation Commission (EAC) has been engaged in an on-going discussion regarding the potential need to revise Criterion 3. Student Outcomes. This initiative has been based on lessons learned as the EAC gained experience with outcomes-based accreditation through two six-year review cycles. The Criteria, referred to initially as EC2000, have matured such that the EAC deemed an examination of the relevance of the original outcomes as the appropriate next step for continuous improvement.

Through a deliberative process, the EAC has engaged multiple constituents through a variety of methodologies. The result is the proposed attached package of revisions to the General Criteria Introduction, Criterion 3. Student Outcomes, and Criterion 5. Curriculum. The EAC presents the revisions as one motion due to the interconnectedness of Criterion 3 and Criterion 5. In order to streamline the wording in Criterion 5. Curriculum, the EAC has expanded the Criteria introduction to include the definitions that were previously in the body of Criterion 5. No change is allowed in the harmonized portion of the introduction that includes the definitions used by all four Commissions.

With the Area Delegation approval at the first reading, the EAC will seek formal review and comment by major constituent groups for one year.

PROPOSED REVISIONS TO

Criteria for Accrediting Engineering Programs Effective for Reviews during the 20XX-20YY Accreditation Cycle

Definitions

While ABET recognizes and supports the prerogative of institutions to adopt and use the terminology of their choice, it is necessary for ABET volunteers and staff to have a consistent understanding of terminology. With that purpose in mind, the Commissions will use the following basic definitions:

Program Educational Objectives – Program educational objectives are broad statements that describe what graduates are expected to attain within a few years of graduation. Program educational objectives are based on the needs of the program's constituencies.

Student Outcomes – Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program.

Assessment – Assessment is one or more processes that identify, collect, and prepare data to evaluate the attainment of student outcomes. Effective assessment uses relevant direct, indirect, quantitative and qualitative measures as appropriate to the outcome being measured. Appropriate sampling methods may be used as part of an assessment process.

Evaluation – Evaluation is one or more processes for interpreting the data and evidence accumulated through assessment processes. Evaluation determines the extent to which student outcomes are being attained. Evaluation results in decisions and actions regarding program improvement.

This document contains three sections:

The first section includes important **definitions** used by all ABET commissions.

The second section contains the **General Criteria for Baccalaureate Level Programs** that must be satisfied by all programs accredited by the Engineering Accreditation Commission of ABET and the **General Criteria for Masters Level Programs** that must be satisfied by those programs seeking advanced level accreditation.

The third section contains the **Program Criteria** that must be satisfied by certain programs. The applicable Program Criteria are determined by the technical specialties indicated by the title of the program. Overlapping requirements need to be satisfied only once.

~~These criteria are intended to assure quality and to foster the systematic pursuit of improvement in the quality of engineering education that satisfies the needs of constituencies in a dynamic and competitive environment. It is the responsibility of the institution seeking accreditation of an engineering program to demonstrate clearly that the program meets the following criteria.~~

These criteria are intended to provide a framework of education that prepares graduates to enter the professional practice of engineering who are (i) able to participate in diverse multicultural workplaces; (ii) knowledgeable in topics relevant to their discipline, such as usability, constructability, manufacturability and sustainability; and (iii) cognizant of the global dimensions, risks, uncertainties, and other implications of their engineering solutions. Further, these criteria are intended to assure quality to foster the systematic pursuit of improvement in the quality of engineering education that satisfies the needs of constituencies in a dynamic and competitive environment. It is the responsibility of the institution seeking accreditation of an engineering program to demonstrate clearly that the program meets the following criteria.

The Engineering Accreditation Commission of ABET recognizes that its constituents may consider certain terms to have certain meanings; however, it is necessary for the Engineering Accreditation Commission to have consistent terminology. Thus, the Engineering Accreditation Commission will use the following definitions:

Basic Science – Basic sciences consist of chemistry and physics, and other biological, chemical, and physical sciences, including astronomy, biology, climatology, ecology, geology, meteorology, and oceanography.

College-level Mathematics – College-level mathematics consists of mathematics above pre-calculus level.

Engineering Science – Engineering sciences are based on mathematics and basic sciences but carry knowledge further toward creative application needed to solve engineering problems.

Engineering Design – Engineering design is the process of devising a system, component, or process to meet desired needs, specifications, codes, and standards within constraints such as health and safety, cost, ethics, policy, sustainability, constructability, and manufacturability. It is an iterative, creative, decision-making process in which the basic sciences, mathematics, and the engineering sciences are

applied to convert resources optimally into solutions.

Teams – A team consists of more than one person working toward a common goal and may include individuals of diverse backgrounds, skills, and perspectives.

One Academic Year – One academic year is the lesser of 32 semester credits (or equivalent) or one-fourth of the total credits required for graduation with a baccalaureate degree.

Criterion 3. Student Outcomes

~~The program must have documented student outcomes that prepare graduates to attain the program educational objectives.~~

~~Student outcomes are outcomes (a) through (k) plus any additional outcomes that may be articulated by the program.~~

- ~~(a) an ability to apply knowledge of mathematics, science, and engineering~~
- ~~(b) an ability to design and conduct experiments, as well as to analyze and interpret data~~
- ~~(c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability~~
- ~~(d) an ability to function on multidisciplinary teams~~
- ~~(e) an ability to identify, formulate, and solve engineering problems~~
- ~~(f) an understanding of professional and ethical responsibility~~
- ~~(g) an ability to communicate effectively~~
- ~~(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context~~
- ~~(i) a recognition of the need for, and an ability to engage in life-long learning~~
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~~(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.~~

The program must have documented student outcomes. Attainment of these outcomes prepares graduates to enter the professional practice of engineering.

Student outcomes are outcomes (1) through (7) plus any additional outcomes that may be articulated by the program.

1. An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.

2. An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.
3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
4. An ability to communicate effectively with a range of audiences.
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
6. An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.
7. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.

Criterion 5. Curriculum

The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The faculty must ensure that the program curriculum devotes adequate attention and time to each component, consistent with the outcomes and objectives of the program and institution. The professional component must include:

(a) one year of a combination of college level mathematics and basic sciences (some with experimental experience) appropriate to the discipline. Basic sciences are defined as biological, chemical, and physical sciences.

(b) one and one-half years of engineering topics, consisting of engineering sciences and engineering design appropriate to the student's field of study. The engineering sciences have their roots in mathematics and basic sciences but carry knowledge further toward creative application. These studies provide a bridge between mathematics and basic sciences on the one hand and engineering practice on the other. Engineering design is the process of devising a system, component, or process to meet desired needs. It is a decision-making process (often iterative), in which the basic sciences, mathematics, and the engineering sciences are applied to convert resources optimally to meet these stated needs.

(c) a general education component that complements the technical content of the curriculum and is consistent with the program and institution objectives.

Students must be prepared for engineering practice through a curriculum culminating in a major design experience based on the knowledge and skills acquired in earlier course work and incorporating appropriate engineering standards and multiple realistic constraints.

One year is the lesser of 32 semester hours (or equivalent) or one-fourth of the total

credits required for graduation.

The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The curriculum must support attainment of the student outcomes and must include:

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Students must be prepared to enter the professional practice of engineering through a curriculum culminating in a major design experience based on the knowledge and skills acquired in earlier course work and incorporating appropriate engineering standards and multiple constraints.

CRITERION 3 REVISION TIMELINE

2009

EAC
starts to

harmonize criteria across the four ABET commissions. Creates Criterion 3 task force within the EAC Criteria Committee.

Criterion 3 task force identifies

2010

additional stakeholders to gain a broader perspective on interpretation and potential impacts on changing Criterion 3.

EAC surveys PEVs in 2010-11 cycle at the request

of task force. Surveys report shortcomings in areas related to outcomes, assessment, and evaluation.

• 2012-13

Task
force
reaches
out to
gain

additional input from members of ABET's Industry Advisory Council (IAC) and Academic Advisory Council (AAC) and presents at several Member Societies' meetings. Sends emails and letters to stakeholders requesting input.

Criterion
3 task
force
presents
findings
to EAC
Criteria

Committee and full EAC in July. Task force completes its work and transfers it to EAC Criteria Committee for continuation.

For the
first time 
in ABET
history,
EAC

• 2014

Executive Committee releases draft of potential revisions to gain public comment before requesting Board of Directors approval. Due to the significance of the changes and potential impact, the EAC adopts a non-standard practice and the distribution is wide.

Spring: ABET receives more than 100 comments. Further discussions result in the addition of a seventh topic area reflecting teamwork and elements of project management. Other changes incorporated as well.

- **Summer:** Criteria Committee presents proposed changes to EAC for adoption. EAC approves changes and prepares documentation for presentation to the Engineering Area Delegation.

Fall: EAC**2015**

leadership presents proposed changes to the Engineering Area Delegation. Changes are approved at first reading and released for public review and comment. Deadline for comments is June 30, 2016.

2016

Spring/Fall: Comments provided to Engineering Area Delegation.




- If comments require revisions that are not substantive, changes may be approved during the Fall 2016 ABET Engineering Area Delegation meeting. Given the significant nature of the Criteria changes, implementation during the 2017-18 cycle may not be required. A phase in period may be considered.
- If comments require substantive changes, the proposal will be sent back to the EAC and its Criteria Committee for additional work. An updated version is likely to be presented to the EAC at the 2017 July Commission Meeting.

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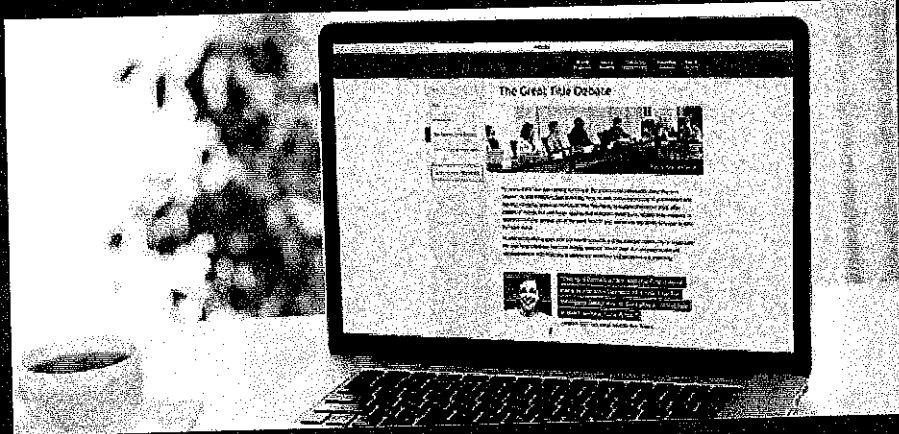
Patterson, Kathryn

From: NCARB <customerservice@ncarb.org>
Sent: Wednesday, November 25, 2015 11:04 AM
To: DLR SDBTP
Subject: Introducing National Architect: A Newsletter for NCARB Certificate Holders

NOV-DEC 2

NATIONAL ARCHITECT

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



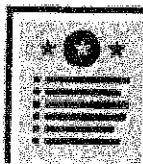
Just Released!
The 2015 NCARB Annual Report

We're excited to announce the release of the NCARB **2015 Annual Report!**
We're proud to say the past year has brought both progress and accomplishments for NCARB Certificate Holders.



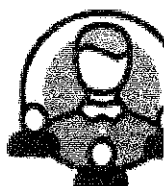
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Renewing Your Certificate Just Got Easier

We've streamlined the renewal process to make renewing your NCARB Certificate quicker and easier. [Learn more.](#)



Supervisor's Corner

Are you an IDP supervisor or mentor?

Help your aspiring architects prepare for licensure. Learn all you need to know about the upcoming **overhaul** to the Intern Development Program (IDP) and the new [ARE 5.0 Calculator](#).



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National Council of Architectural Registration Boards

1801 K Street NW Suite 700K

Washington, DC 20006



Patterson, Kathryn

Subject:

Training on NC Bd of Dental Examiners v. FTC

Attachments:

DOH Presentation 11-24-15 (02100202x9FB59).pptx; FTC Guidance.pdf

From: Franken, A.J.

Subject: Training on NC Bd of Dental Examiners v. FTC

Greetings,

Thank you to all who attended last week's training on *NC Bd. Of Dental Examiners v. FTC*. Attached you will find Mr. Moore's Powerpoint presentation, as well as the FTC staff guidance on the decision. If you would like to view the presentation or share the presentation with individuals within your agency who would benefit from the training, a recording can be accessed by the following link:

<https://youtu.be/7iOYMG0UnTQ>

All industry regulatory boards that were not able to send a representative to the training are being asked to please watch the video.

Sincerely,

A.J. Franken

Deputy General Counsel

Office of the Governor

State of South Dakota

500 East Capitol Avenue

Pierre, South Dakota 57501-5070

Ph: 605.773.3661



**Antitrust Immunity for State Boards
after *North Carolina State Board of
Dental Examiners v. Federal Trade*
*Comm'n***

November 24, 2015

Pierre, South Dakota

By James E. Moore

1. *The North Carolina Dental decision*

Landmark decision, February 25, 2015

135 S. Ct. 1101

**Decided 6-3, in an opinion by Justice Kennedy, with
Justices Alito, Scalia, and Thomas dissenting**

Genesis of case was a decision of the North Carolina State Board of Dental Examiners

Statutory entity created to regulate the practice of dentistry

Broad authority over licensees

May file suit to enjoin any person from the unlawful practice of dentistry

Board: eight members, six of whom must be licensed dentists in active practice

Elected by other licensed dentists

Licensed and practicing dental hygienist

"Consumer" appointed by the Governor

No mechanism for removal by a public official

**Issue was teeth whitening, non-dentists got involved in 2003,
“often at a significantly lower price than dentists”**

Dentists complained to the Board

**“Most expressed a principal concern with the low prices charged
by nondentists.”**

Board opened an investigation, led by one of the dentists

**Not clear that teeth whitening constituted practice of dentistry
under North Carolina law**

In 2006, issued 47 cease-and-desist letters to nondentists

Letter implied that teeth whitening was the practice of dentistry

Board succeeded: nondentists quit offering teeth whitening services

In 2010, the Federal Trade Commission filed an administrative complaint

Alleged violation of 15 U.S.C. § 45 for anticompetitive and unfair method of competition

An ALJ denied a motion to dismiss based on state-action immunity

ALJ held a hearing on the merits and found unreasonable restraint on trade

FTC agreed with the ALJ, Fourth Circuit affirmed on appeal

United States Supreme Court also affirmed

Sherman Act (15 U.S.C. §§ 1-7): landmark antitrust legislation enacted by Congress in 1890

Prohibits any contract, trust, or conspiracy in restraint of interstate or foreign trade

States have immunity under the antitrust laws when acting in their sovereign capacity

***Parker v. Brown*, 317 U.S. 341 (1943)**

Anti-competitive restraints imposed by states as an act of government are exempt or immune

Based on federalism: Congress recognized in the Sherman Act state sovereignty

“Nothing in the language of the Sherman Act or in its history . . . suggests that its purpose was to restrain a state or its officers or agents from activities directed by its legislature” (*Parker*, 317 U.S. at 350-51)

Supreme Court in *North Carolina State Board* started from proposition that board was “a nonsovereign actor controlled by active market participants”

The State itself is sovereign, but a state board comprised by privately-employed dentists, or any other market participants, is not

Per FTC, active market participant is a licensee who provides service subject to regulatory authority of the board. Self regulation.

Thus, state board controlled by market participants is a private actor, not necessarily entitled to claim attributes of state sovereignty. State cannot delegate its sovereignty.

Concern for federalism not the same when state delegates control to a nonsovereign actor

Must be "more than a mere façade of state involvement"

Must ensure that the states accept political accountability for anticompetitive conduct they permit and control

Question is whether anti-competitive conduct engaged in by a non-sovereign entity should be deemed state action

Issue with state agencies controlled by active market participants is a risk of self-dealing; anti-competitive motives may exist even if not intentional

Concern that board members act out of their own interests rather than based on state policy; result is not really regulation in the public interest

Supreme Court and FTC compared such boards to private trade associations based on their economic incentives to restrain competition

To be entitled to *Parker* immunity, such a board has to meet two requirements (*Midcal* test):

- 1. The challenged restraint must be clearly articulated and affirmatively expressed as state policy**
- 2. The policy must be actively supervised by the state**

“Clear articulation” requirement is met “where the displacement of competition is the inherent, logical or ordinary result of the exercise of authority delegated by the state legislature.”

That is, the state must have foreseen and implicitly endorsed the anticompetitive effects as consistent with its policy goals.

N.B. North Carolina decision was not based on clear articulation requirement. Supreme Court assumed that it was satisfied.

Thus: “a state board on which a controlling number of decisionmakers are active market participants in the occupation the board regulates must satisfy [the] active supervision requirement in order to invoke state-action antitrust immunity.”

The “active supervision” requirement requires that state officials have and exercise power to review particular anticompetitive acts of private parties and disapprove those that fail to meet state policy.

No state supervision by North Carolina, so “no specific supervisory systems” were reviewed by the Court

“It suffices to note that the inquiry regarding active supervision is flexible and context-dependent.”

Not day-to-day management or micromanagement of every decision

Need “realistic assurances” that conduct promotes state policy rather than individual interests. Rubber stamp is not enough.

Supervisor must review the substance of the anticompetitive conduct

Supervisor must have the power to veto or modify a particular decision; more than mere potential

State supervisor may not itself be an active market participant

Why is this a landmark decision?

Read the dissent – entirely different analysis.

Under *Parker*, the Sherman Act and the Federal Trade Commission Act “do not apply to State agencies; the North Carolina Board of Dental Examiners is a state agency; and that is the end of the matter.”

Had been clear that state legislatures and state courts were entitled to antitrust immunity, but this was first clear Supreme Court statement as to state agencies

Also significant because it clarifies that the issue is about structure, not the merits of the challenged conduct. I.e., “The question is not whether the challenged conduct is efficient, well-functioning, or wise.”

2. What does this decision mean for South Dakota boards?

At least 25 boards in South Dakota that are subject to this decision

Boards that are comprised of "market participants"

Abstracters, barbers, cosmetologists, electricians, plumbers, real estate agents, "technical professionals," accountants, chiropractors, dentists, hearing aid dispensers, funeral services, massage therapists, medical doctors et al., nurses, optometrists, pharmacists, podiatrists, speech pathologists, addiction and prevention professionals, counselors and marriage therapists, psychologists, social workers, veterinarians

Most implications probably in medical context—doctors, nurses, dentists.

In context of active supervision, judicial review of procedural fairness is not enough

***Patrick v. Burget*, 486 U.S. 94, 104-05 (1988)**

In South Dakota, judicial review of licensing decisions includes merits review

May be sufficient to satisfy active supervision, but issue is “mere potential” as opposed to actual review.

If decision does not occur in a contested case, what appeal options exist?

Do any of them meet active supervision requirement?

- Is there a state official with power to review and veto?
- State official cannot be a market participant
- Per FTC, must obtain information necessary to evaluate the action
- Must evaluate the merits, probably *de novo*
- Must issue a written decision

Questions unanswered by *North Carolina Dental* (per dissent)

- What is a “controlling” number?

Is it a majority, or could it be a voting bloc?

- What is an “active market participant”?

Licensee who withdraws from practice for a short term?

- What is the scope of the market in which a member may not participate while serving?

Relevant to the regulation being challenged, or to agency’s entire jurisdiction?

What about the “clear articulation” requirement?

What kinds of decisions could be a target?

Likely not licensing decisions, which are not inherently anticompetitive, but note that they are supported by state statute requiring licensing decisions to be made

E.g., board of medical examiners, SDCL §§ 36-4-11, 36-4-28, 36-4-29

Other actions related to definition of practice of accounting, dentistry, pharmacy, nursing

FTC will look for actions that “restrict market entry or restrain rivalry”

- **E.g., restricting non-dentists from teeth whitening**
- **E.g., determining that only a limited number of licenses will be issued**
- **E.g., prohibiting advertising or deterring from price competition**

FTC says these actions are okay

- **Prohibiting members from fraudulent business practices**
- **Implementing an anticompetitive statutory regime**

**Like ministerial or non-discretionary
licensing requirements**

- **Pursuing litigation to prevent unauthorized practice of business or profession**

3. Role of the Federal Trade Commission



FEDERAL TRADE COMMISSION PROTECTING AMERICA'S CONSUMERS

What We Do

The FTC is a bipartisan federal agency with a unique dual mission to protect consumers and promote competition. For one hundred years, our collegial and consensus-driven agency has championed the interests of American consumers. As we begin our second century, the FTC is dedicated to advancing consumer interests while encouraging innovation and competition in our dynamic economy.

The FTC develops policy and research tools through hearings, workshops, and conferences. We collaborate with law enforcement partners across the country and around the world to advance our crucial consumer protection and competition missions. And beyond our borders, we cooperate with international agencies and organizations to protect consumers in the global marketplace.

Protecting Consumers

The FTC protects consumers by stopping unfair, deceptive or fraudulent practices in the marketplace. We conduct investigations, sue companies and people that violate the law, develop rules to ensure a vibrant marketplace, and educate consumers and businesses about their rights and responsibilities. We collect complaints about hundreds of issues from data security and deceptive advertising to identity theft and Do Not Call violations, and make them available to law enforcement agencies worldwide for follow-up. Our experienced and motivated staff uses 21st century tools to anticipate – and respond to – changes in the marketplace.

Promoting Competition

Competition in America is about price, selection, and service. It benefits consumers by keeping prices low and the quality and choice of goods and services high. By enforcing antitrust laws, the FTC helps ensure that our markets are open and free. The FTC will challenge anticompetitive mergers and business practices that could harm consumers by resulting in higher prices, lower quality, fewer choices, or reduced rates of innovation. We monitor business practices, review potential mergers, and challenge them when appropriate to ensure that the market works according to consumer preferences, not illegal practices.



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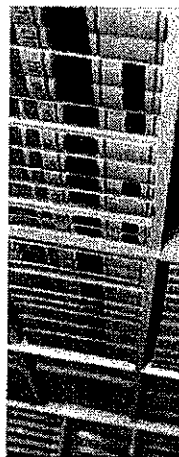
11/11/2015

Enforcement | Federal Trade Commission



FEDERAL TRADE COMMISSION
PROTECTING AMERICA'S CONSUMERS

Enforcement



The FTC enforces federal consumer protection laws that prevent fraud, deception and unfair business practices. The Commission also enforces federal antitrust laws that prohibit anticompetitive mergers and other business practices that could lead to higher prices, fewer choices, or less innovation.

Whether combatting telemarketing fraud, Internet scams or price-fixing schemes, the FTC's mission is to protect consumers and promote competition.

The FTC administers a wide variety of laws and regulations, including the Federal Trade Commission Act, Telemarketing Sale Rule, Identity Theft Act, Fair Credit Reporting Act, and Clayton Act. In total, the Commission has enforcement or administrative responsibilities under more than 70 laws.



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**FTC published document in October, 2015 on FTC Staff Guidance
(available today as a handout)**

- * State should empower a board to restrict competition only when necessary to protect against a credible risk of harm, such as health and safety risks to consumers**
- * State should prefer antitrust laws to active supervision of the state board**
- * Supreme Court: "Federal antitrust law is a central safeguard for the Nation's free market structure."**

Speech by Maureen K. Ohlhausen, Commissioner, FTC, to Heritage Foundation (March 31, 2015)

Options to avoid antitrust liability and excessive oversight

- 1. be more cognizant of competitive effects of regulatory decisions**
- 2. board need not be controlled by active market participants**
 - retired members, less than a majority**
- 3. options for active supervision**
- 4. indemnify board members if antitrust damages are imposed (PEPL coverage does apply)**

N.B. *North Carolina* Dental decision did not have to happen

- Board could have sought injunctive relief in state courts
- Board could have promulgated rule defining practice of dentistry to include teeth whitening--would have been subject to state review process
- Thus, look to statutory powers, do not overstep authority

4. Don't Panic

Response elsewhere to the Decision

Three consumer groups asked all 50 state attorneys general how they would respond to the ruling

West Virginia legislative committee: nearly 30 regulatory boards will have to be reconfigured

Possible structural changes to address?

Could possibly be done with guaranteed right to appeal or required review and approval by cabinet secretary or executive director

Should consider FTC's position: prefer that boards are subject to antitrust laws rather than structuring them to have active supervision

Policy Question: Considerations of public health and safety, versus free markets. Regulation is departure from free market.

Likelihood of attracting FTC attention. Is South Dakota a hotbed of anti-competitive conduct?

Reconsideration of occupational licensing regimes

Excessive?

Helping or harming consumers?

Ohlhausen: tremendous growth in licensing

- at least 1,100 occupations licensed in at least one state
- florists, interior designers, tour guides, hair braiders, barbers
- 30% of U.S. workers need a license; up from 5% in 1950's
- licensing increases price by as much as 33%

FTC Staff Guidance on Active Supervision of State Regulatory Boards Controlled by Market Participants^{*}

I. Introduction

States craft regulatory policy through a variety of actors, including state legislatures, courts, agencies, and regulatory boards. While most regulatory actions taken by state actors will not implicate antitrust concerns, some will. Notably, states have created a large number of regulatory boards with the authority to determine who may engage in an occupation (*e.g.*, by issuing or withholding a license), and also to set the rules and regulations governing that occupation. Licensing, once limited to a few learned professions such as doctors and lawyers, is now required for over 800 occupations including (in some states) locksmiths, beekeepers, auctioneers, interior designers, fortune tellers, tour guides, and shampooers.¹

In general, a state may avoid all conflict with the federal antitrust laws by creating regulatory boards that serve only in an advisory capacity, or by staffing a regulatory board exclusively with persons who have no financial interest in the occupation that is being regulated. However, across the United States, “licensing boards are largely dominated by active members of their respective industries . . .”² That is, doctors commonly regulate doctors, beekeepers commonly regulate beekeepers, and tour guides commonly regulate tour guides.

Earlier this year, the U.S. Supreme Court upheld the Federal Trade Commission’s determination that the North Carolina State Board of Dental Examiners (“NC Board”) violated the federal antitrust laws by preventing non-dentists from providing teeth whitening services in competition with the state’s licensed dentists. *N.C. State Bd. of Dental Exam’rs v. FTC*, 135 S. Ct. 1101 (2015). NC Board is a state agency established under North Carolina law and charged with administering and enforcing a licensing system for dentists. A majority of the members of this state agency are themselves practicing dentists, and thus they have a private incentive to limit

^{*} This document sets out the views of the Staff of the Bureau of Competition. The Federal Trade Commission is not bound by this Staff guidance and reserves the right to rescind it at a later date. In addition, FTC Staff reserves the right to reconsider the views expressed herein, and to modify, rescind, or revoke this Staff guidance if such action would be in the public interest.

¹ Aaron Edlin & Rebecca Haw, *Cartels By Another Name: Should Licensed Occupations Face Antitrust Scrutiny*, 162 U. PA. L. REV. 1093, 1096 (2014).

² *Id.* at 1095.

competition from non-dentist providers of teeth whitening services. NC Board argued that, because it is a state agency, it is exempt from liability under the federal antitrust laws. That is, the NC Board sought to invoke what is commonly referred to as the “state action exemption” or the “state action defense.” The Supreme Court rejected this contention and affirmed the FTC’s finding of antitrust liability.

In this decision, the Supreme Court clarified the applicability of the antitrust state action defense to state regulatory boards controlled by market participants:

“The Court holds today that a state board on which a controlling number of decisionmakers are active market participants in the occupation the board regulates must satisfy *Midcal’s* [*Cal. Retail Liquor Dealers Ass’n v. Midcal Aluminum, Inc.*, 445 U.S. 97 (1980)] active supervision requirement in order to invoke state-action antitrust immunity.” *N.C. Dental*, 135 S. Ct. at 1114.

In the wake of this Supreme Court decision, state officials have requested advice from the Federal Trade Commission regarding antitrust compliance for state boards responsible for regulating occupations. This outline provides FTC Staff guidance on two questions. *First*, when does a state regulatory board require active supervision in order to invoke the state action defense? *Second*, what factors are relevant to determining whether the active supervision requirement is satisfied?

Our answers to these questions come with the following caveats.

- Vigorous competition among sellers in an open marketplace generally provides consumers with important benefits, including lower prices, higher quality services, greater access to services, and increased innovation. For this reason, a state legislature should empower a regulatory board to restrict competition only when necessary to protect against a credible risk of harm, such as health and safety risks to consumers. The Federal Trade Commission and its staff have frequently advocated that states avoid unneeded and burdensome regulation of service providers.³
- Federal antitrust law does not require that a state legislature provide for active supervision of any state regulatory board. A state legislature may, and generally should, prefer that a regulatory board be subject to the requirements of the federal antitrust

³ See, e.g., Fed. Trade Comm’n Staff Policy Paper, *Policy Perspectives: Competition and the Regulation of Advanced Practice Registered Nurses* (Mar. 2014), <https://www.ftc.gov/system/files/documents/reports/policy-perspectives-competition-regulation-advanced-practice-nurses/140307aprnpolicypaper.pdf>; Fed. Trade Comm’n & U.S. Dept. of Justice, Comment before the South Carolina Supreme Court Concerning Proposed Guidelines for Residential and Commercial Real Estate Closings (Apr. 2008), <https://www.ftc.gov/news-events/press-releases/2008/04/ftcdoj-submit-letter-supreme-court-south-carolina-proposed>.

laws. If the state legislature determines that a regulatory board should be subject to antitrust oversight, then the state legislature need not provide for active supervision.

- Antitrust analysis – including the applicability of the state action defense – is fact-specific and context-dependent. The purpose of this document is to identify certain overarching legal principles governing when and how a state may provide active supervision for a regulatory board. We are not suggesting a mandatory or one-size-fits-all approach to active supervision. Instead, we urge each state regulatory board to consult with the Office of the Attorney General for its state for customized advice on how best to comply with the antitrust laws.
- This FTC Staff guidance addresses only the active supervision prong of the state action defense. In order successfully to invoke the state action defense, a state regulatory board controlled by market participants must also satisfy the clear articulation prong, as described briefly in Section II. below.
- This document contains guidance developed by the staff of the Federal Trade Commission. Deviation from this guidance does not necessarily mean that the state action defense is inapplicable, or that a violation of the antitrust laws has occurred.

II. Overview of the Antitrust State Action Defense

"Federal antitrust law is a central safeguard for the Nation's free market structures The antitrust laws declare a considered and decisive prohibition by the Federal Government of cartels, price fixing, and other combinations or practices that undermine the free market." *N.C. Dental*, 135 S. Ct. at 1109.

Under principles of federalism, "the States possess a significant measure of sovereignty." *N.C. Dental*, 135 S. Ct. at 1110 (*quoting Community Communications Co. v. Boulder*, 455 U.S. 40, 53 (1982)). In enacting the antitrust laws, Congress did not intend to prevent the States from limiting competition in order to promote other goals that are valued by their citizens. Thus, the Supreme Court has concluded that the federal antitrust laws do not reach anticompetitive conduct engaged in by a State that is acting in its sovereign capacity. *Parker v. Brown*, 317 U.S. 341, 351-52 (1943). For example, a state legislature may "impose restrictions on occupations, confer exclusive or shared rights to dominate a market, or otherwise limit competition to achieve public objectives." *N.C. Dental*, 135 S. Ct. at 1109.

Are the actions of a state regulatory board, like the actions of a state legislature, exempt from the application of the federal antitrust laws? In *North Carolina State Board of Dental Examiners*, the Supreme Court reaffirmed that a state regulatory board is not the sovereign. Accordingly, a state regulatory board is not necessarily exempt from federal antitrust liability.

More specifically, the Court determined that "a state board on which a controlling number of decisionmakers are active market participants in the occupation the board regulates" may invoke the state action defense only when two requirements are satisfied: first, the challenged restraint must be clearly articulated and affirmatively expressed as state policy; and second, the policy must be actively supervised by a state official (or state agency) that is not a participant in the market that is being regulated. *N.C. Dental*, 135 S. Ct. at 1114.

- The Supreme Court addressed the clear articulation requirement most recently in *FTC v. Phoebe Putney Health Sys., Inc.*, 133 S. Ct. 1003 (2013). The clear articulation requirement is satisfied "where the displacement of competition [is] the inherent, logical, or ordinary result of the exercise of authority delegated by the state legislature. In that scenario, the State must have foreseen and implicitly endorsed the anticompetitive effects as consistent with its policy goals." *Id.* at 1013.
- The State's clear articulation of the intent to displace competition is not alone sufficient to trigger the state action exemption. The state legislature's clearly-articulated delegation of authority to a state regulatory board to displace competition may be "defined at so high a level of generality as to leave open critical questions about how

and to what extent the market should be regulated.” There is then a danger that this delegated discretion will be used by active market participants to pursue private interests in restraining trade, in lieu of implementing the State’s policy goals. *N.C. Dental*, 135 S. Ct. at 1112.

- The active supervision requirement “seeks to avoid this harm by requiring the State to review and approve interstitial policies made by the entity claiming [antitrust] immunity.” *Id.*

Where the state action defense does not apply, the actions of a state regulatory board controlled by active market participants may be subject to antitrust scrutiny. Antitrust issues may arise where an unsupervised board takes actions that restrict market entry or restrain rivalry. The following are some scenarios that have raised antitrust concerns:

- A regulatory board controlled by dentists excludes non-dentists from competing with dentists in the provision of teeth whitening services. *Cf. N.C. Dental*, 135 S. Ct. 1101.
- A regulatory board controlled by accountants determines that only a small and fixed number of new licenses to practice the profession shall be issued by the state each year. *Cf. Hoover v. Ronwin*, 466 U.S. 558 (1984).
- A regulatory board controlled by attorneys adopts a regulation (or a code of ethics) that prohibits attorney advertising, or that deters attorneys from engaging in price competition. *Cf. Bates v. State Bar of Ariz.*, 433 U.S. 350 (1977); *Goldfarb v. Va. State Bar*, 421 U.S. 773 (1975).

III. Scope of FTC Staff Guidance

- A. This Staff guidance addresses the applicability of the state action defense under the federal antitrust laws. Concluding that the state action defense is inapplicable does not mean that the conduct of the regulatory board necessarily violates the federal antitrust laws. A regulatory board may assert defenses ordinarily available to an antitrust defendant.

1. **Reasonable restraints on competition do not violate the antitrust laws, even where the economic interests of a competitor have been injured.**

Example 1: A regulatory board may prohibit members of the occupation from engaging in fraudulent business practices without raising antitrust concerns. A regulatory board also may prohibit members of the occupation from engaging in untruthful or deceptive advertising. *Cf. Cal. Dental Ass'n v. FTC*, 526 U.S. 756 (1999).

Example 2: Suppose a market with several hundred licensed electricians. If a regulatory board suspends the license of one electrician for substandard work, such action likely does not unreasonably harm competition. *Cf. Oksanen v. Page Mem'l Hosp.*, 945 F.2d 696 (4th Cir. 1991) (en banc).

2. **The ministerial (non-discretionary) acts of a regulatory board engaged in good faith implementation of an anticompetitive statutory regime do not give rise to antitrust liability. See 324 Liquor Corp. v. Duffy**, 479 U.S. 335, 344 n. 6 (1987).

Example 3: A state statute requires that an applicant for a chauffeur's license submit to the regulatory board, among other things, a copy of the applicant's diploma and a certified check for \$500. An applicant fails to submit the required materials. If for this reason the regulatory board declines to issue a chauffeur's license to the applicant, such action would not be considered an unreasonable restraint. In the circumstances described, the denial of a license is a ministerial or non-discretionary act of the regulatory board.

3. **In general, the initiation and prosecution of a lawsuit by a regulatory board does not give rise to antitrust liability unless it falls within the "sham exception."** *Professional Real Estate Investors v. Columbia Pictures Industries*, 508 U.S. 49 (1993); *California Motor Transport Co. v. Trucking Unlimited*, 404 U.S. 508 (1972).

Example 4: A state statute authorizes the state's dental board to maintain an action in state court to enjoin an unlicensed person from practicing dentistry. The members of the dental board have a basis to believe that a particular individual is practicing dentistry but does not hold a valid license. If the dental board files a lawsuit against that individual, such action would not constitute a violation of the federal antitrust laws.

B. Below, FTC Staff describes when active supervision of a state regulatory board is required in order successfully to invoke the state action defense, and what factors are relevant to determining whether the active supervision requirement has been satisfied.

1. When is active state supervision of a state regulatory board required in order to invoke the state action defense?

General Standard: “[A] state board on which a controlling number of decisionmakers are active market participants in the occupation the board regulates must satisfy *Midcal*’s active supervision requirement in order to invoke state-action antitrust immunity.” *N.C. Dental*, 135 S. Ct. at 1114.

Active Market Participants: A member of a state regulatory board will be considered to be an active market participant in the occupation the board regulates if such person (i) is licensed by the board or (ii) provides any service that is subject to the regulatory authority of the board.

➤ If a board member participates in any professional or occupational sub-specialty that is regulated by the board, then that board member is an active market participant for purposes of evaluating the active supervision requirement.

➤ It is no defense to antitrust scrutiny, therefore, that the board members themselves are not directly or personally affected by the challenged restraint. For example, even if the members of the NC Dental Board were orthodontists who do not perform teeth whitening services (as a matter of law or fact or tradition), their control of the dental board would nevertheless trigger the requirement for active state supervision. This is because these orthodontists are licensed by, and their services regulated by, the NC Dental Board.

➤ A person who temporarily suspends her active participation in an occupation for the purpose of serving on a state board that regulates her former (and intended future) occupation will be considered to be an active market participant.

Method of Selection: The method by which a person is selected to serve on a state regulatory board is not determinative of whether that person is an active market participant in the occupation that the board regulates. For example, a licensed dentist is deemed to be an active market participant regardless of whether the dentist (i) is appointed to the state dental board by the governor or (ii) is elected to the state dental board by the state’s licensed dentists.

A Controlling Number, Not Necessarily a Majority, of Actual Decisionmakers:

- Active market participants need not constitute a numerical majority of the members of a state regulatory board in order to trigger the requirement of active supervision. A decision that is controlled, either as a matter of law, procedure, or fact, by active participants in the regulated market (*e.g.*, through veto power, tradition, or practice) must be actively supervised to be eligible for the state action defense.
- Whether a particular restraint has been imposed by a “controlling number of decisionmakers [who] are active market participants” is a fact-bound inquiry that must be made on a case-by-case basis. FTC Staff will evaluate a number of factors, including:
 - ✓ The structure of the regulatory board (including the number of board members who are/are not active market participants) and the rules governing the exercise of the board’s authority.
 - ✓ Whether the board members who are active market participants have veto power over the board’s regulatory decisions.

Example 5: The state board of electricians consists of four non-electrician members and three practicing electricians. Under state law, new regulations require the approval of five board members. Thus, no regulation may become effective without the assent of at least one electrician member of the board. In this scenario, the active market participants effectively have veto power over the board’s regulatory authority. The active supervision requirement is therefore applicable.

- ✓ The level of participation, engagement, and authority of the non-market participant members in the business of the board – generally and with regard to the particular restraint at issue.
- ✓ Whether the participation, engagement, and authority of the non-market participant board members in the business of the board differs from that of board members who are active market participants – generally and with regard to the particular restraint at issue.
- ✓ Whether the active market participants have in fact exercised, controlled, or usurped the decisionmaking power of the board.

Example 6: The state board of electricians consists of four non-electrician members and three practicing electricians. Under state law, new regulations require the approval of a majority of board members. When voting on proposed regulations, the non-electrician members routinely defer to the preferences of the electrician members. Minutes of

board meetings show that the non-electrician members generally are not informed or knowledgeable concerning board business – and that they were not well informed concerning the particular restraint at issue. In this scenario, FTC Staff may determine that the active market participants have exercised the decisionmaking power of the board, and that the active supervision requirement is applicable.

Example 7: The state board of electricians consists of four non-electrician members and three practicing electricians. Documents show that the electrician members frequently meet and discuss board business separately from the non-electrician members. On one such occasion, the electrician members arranged for the issuance by the board of written orders to six construction contractors, directing such individuals to cease and desist from providing certain services. The non-electrician members of the board were not aware of the issuance of these orders and did not approve the issuance of these orders. In this scenario, FTC Staff may determine that the active market participants have exercised the decisionmaking power of the board, and that the active supervision requirement is applicable.

2. What constitutes active supervision?

FTC Staff will be guided by the following principles:

- “[T]he purpose of the active supervision inquiry . . . is to determine whether the State has exercised sufficient independent judgment and control” such that the details of the regulatory scheme “have been established as a product of deliberate state intervention” and not simply by agreement among the members of the state board. “Much as in causation inquiries, the analysis asks whether the State has played a substantial role in determining the specifics of the economic policy.” The State is not obliged to “[meet] some normative standard, such as efficiency, in its regulatory practices.” *Ticor*, 504 U.S. at 634-35. “The question is not how well state regulation works but whether the anticompetitive scheme is the State’s own.” *Id.* at 635.
- It is necessary “to ensure the States accept political accountability for anticompetitive conduct they permit and control.” *N.C. Dental*, 135 S. Ct. at 1111. See also *Ticor*, 504 U.S. at 636.
- “The Court has identified only a few constant requirements of active supervision: The supervisor must review the substance of the anticompetitive decision, not merely the procedures followed to produce it; the supervisor must have the power to veto or modify particular decisions to ensure they accord with state policy; and the ‘mere potential for state supervision is not an adequate substitute for a decision by the State.’ Further, the state supervisor may not itself be an active market participant.” *N.C. Dental*, 135 S. Ct. at 1116–17 (citations omitted).

- The active supervision must precede implementation of the allegedly anticompetitive restraint.
- “[T]he inquiry regarding active supervision is flexible and context-dependent.” “[T]he adequacy of supervision . . . will depend on all the circumstances of a case.” *N.C. Dental*, 135 S. Ct. at 1116–17. Accordingly, FTC Staff will evaluate each case in light of its own facts, and will apply the applicable case law and the principles embodied in this guidance reasonably and flexibly.

3. What factors are relevant to determining whether the active supervision requirement has been satisfied?

FTC Staff will consider the presence or absence of the following factors in determining whether the active supervision prong of the state action defense is satisfied.

- The supervisor has obtained the information necessary for a proper evaluation of the action recommended by the regulatory board. As applicable, the supervisor has ascertained relevant facts, collected data, conducted public hearings, invited and received public comments, investigated market conditions, conducted studies, and reviewed documentary evidence.
 - ✓ The information-gathering obligations of the supervisor depend in part upon the scope of inquiry previously conducted by the regulatory board. For example, if the regulatory board has conducted a suitable public hearing and collected the relevant information and data, then it may be unnecessary for the supervisor to repeat these tasks. Instead, the supervisor may utilize the materials assembled by the regulatory board.
- The supervisor has evaluated the substantive merits of the recommended action and assessed whether the recommended action comports with the standards established by the state legislature.
- The supervisor has issued a written decision approving, modifying, or disapproving the recommended action, and explaining the reasons and rationale for such decision.
 - ✓ A written decision serves an evidentiary function, demonstrating that the supervisor has undertaken the required meaningful review of the merits of the state board’s action.
 - ✓ A written decision is also a means by which the State accepts political accountability for the restraint being authorized.

Scenario 1: Example of satisfactory active supervision of a state board regulation designating teeth whitening as a service that may be provided only by a licensed dentist, where state policy is to protect the health and welfare of citizens and to promote competition.

- The state legislature designated an executive agency to review regulations recommended by the state regulatory board. Recommended regulations become effective only following the approval of the agency.
- The agency provided notice of (i) the recommended regulation and (ii) an opportunity to be heard, to dentists, to non-dentist providers of teeth whitening, to the public (in a newspaper of general circulation in the affected areas), and to other interested and affected persons, including persons that have previously identified themselves to the agency as interested in, or affected by, dentist scope of practice issues.
- The agency took the steps necessary for a proper evaluation of the recommended regulation. The agency:
 - ✓ Obtained the recommendation of the state regulatory board and supporting materials, including the identity of any interested parties and the full evidentiary record compiled by the regulatory board.
 - ✓ Solicited and accepted written submissions from sources other than the regulatory board.
 - ✓ Obtained published studies addressing (i) the health and safety risks relating to teeth whitening and (ii) the training, skill, knowledge, and equipment reasonably required in order to safely and responsibly provide teeth whitening services (if not contained in submission from the regulatory board).
 - ✓ Obtained information concerning the historic and current cost, price, and availability of teeth whitening services from dentists and non-dentists (if not contained in submission from the regulatory board). Such information was verified (or audited) by the Agency as appropriate.
 - ✓ Held public hearing(s) that included testimony from interested persons (including dentists and non-dentists). The public hearing provided the agency with an opportunity (i) to hear from and to question providers, affected customers, and experts and (ii) to supplement the evidentiary record compiled by the state board. (As noted above, if the state regulatory board has previously conducted a suitable public hearing, then it may be unnecessary for the supervising agency to repeat this procedure.)
- The agency assessed all of the information to determine whether the recommended regulation comports with the State's goal to protect the health and

welfare of citizens and to promote competition.

- The agency issued a written decision accepting, rejecting, or modifying the scope of practice regulation recommended by the state regulatory board, and explaining the rationale for the agency's action.

Scenario 2: Example of satisfactory active supervision of a state regulatory board administering a disciplinary process.

A common function of state regulatory boards is to administer a disciplinary process for members of a regulated occupation. For example, the state regulatory board may adjudicate whether a licensee has violated standards of ethics, competency, conduct, or performance established by the state legislature.

Suppose that, acting in its adjudicatory capacity, a regulatory board controlled by active market participants determines that a licensee has violated a lawful and valid standard of ethics, competency, conduct, or performance, and for this reason, the regulatory board proposes that the licensee's license to practice in the state be revoked or suspended. In order to invoke the state action defense, the regulatory board would need to show both clear articulation and active supervision.

- In this context, active supervision may be provided by the administrator who oversees the regulatory board (e.g., the secretary of health), the state attorney general, or another state official who is not an active market participant. The active supervision requirement of the state action defense will be satisfied if the supervisor: (i) reviews the evidentiary record created by the regulatory board; (ii) supplements this evidentiary record if and as appropriate; (iii) undertakes a de novo review of the substantive merits of the proposed disciplinary action, assessing whether the proposed disciplinary action comports with the policies and standards established by the state legislature; and (iv) issues a written decision that approves, modifies, or disapproves the disciplinary action proposed by the regulatory board.

Note that a disciplinary action taken by a regulatory board affecting a single licensee will typically have only a de minimis effect on competition. A pattern or program of disciplinary actions by a regulatory board affecting multiple licensees may have a substantial effect on competition.

The following do not constitute active supervision of a state regulatory board that is controlled by active market participants:

- The entity responsible for supervising the regulatory board is itself controlled by active market participants in the occupation that the board regulates. *See N.C. Dental*, 135 S. Ct. at 1113-14.
- A state official monitors the actions of the regulatory board and participates in deliberations, but lacks the authority to disapprove anticompetitive acts that fail to accord with state policy. *See Patrick v. Burget*, 486 U.S. 94, 101 (1988).
- A state official (*e.g.*, the secretary of health) serves *ex officio* as a member of the regulatory board with full voting rights. However, this state official is one of several members of the regulatory board and lacks the authority to disapprove anticompetitive acts that fail to accord with state policy.
- The state attorney general or another state official provides advice to the regulatory board on an ongoing basis.
- An independent state agency is staffed, funded, and empowered by law to evaluate, and then to veto or modify, particular recommendations of the regulatory board. However, in practice such recommendations are subject to only cursory review by the independent state agency. The independent state agency perfunctorily approves the recommendations of the regulatory board. *See Ticor*, 504 U.S. at 638.
- An independent state agency reviews the actions of the regulatory board and approves all actions that comply with the procedural requirements of the state administrative procedure act, without undertaking a substantive review of the actions of the regulatory board. *See Patrick*, 486 U.S. at 104-05.

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



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 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.)

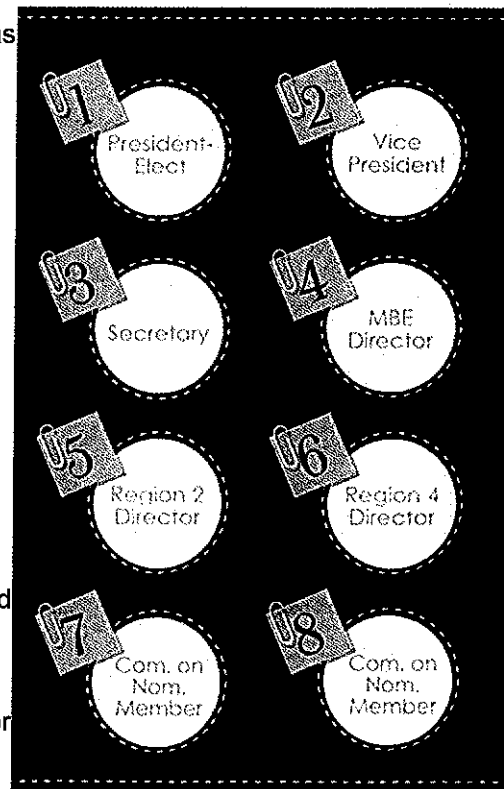
Here's how to make a nomination:

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).

★ ★ 2016 Elections ★ ★ AVAILABLE POSITIONS



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

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



INTHEKNOW

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:

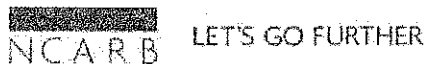
Attached for your review are two very important memorandums regarding the FY17 NCARB Board of Directors. The first is a memorandum from CEO Mike Armstrong which outlines key information related to candidates running for the FY17 Board of Directors officer and PUBLIC Director positions. The second is 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



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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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.

**National Council of Architectural Registration Boards (NCARB)
Member Board Executive Director
Position Description**

MISSION STATEMENT

The National Council of Architectural Registration Boards (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.

BOARD OF DIRECTORS

The NCARB Board of Directors is a volunteer board of 12 architects, one public member, and one Member Board Executive all of whom are voting members. Each region selects regional directors, Member Board Executives (MBE) select the MBE director, and the public director is selected by the Board of Directors. Officers are elected each June at the Annual Meeting by the Member Boards. All terms begin on July 1 and end on June 30 each year. Customary and usual travel and lodging expenses of all directors and a companion are reimbursed; all directors serve without compensation.

PURPOSE

The purpose of the Member Board Executive Director is to provide a perspective reflective of an experienced state board administrator that will inform all deliberations of NCARB's governing body.

QUALIFICATIONS

- Be a U.S. citizen (*Bylaw* requirement),
- 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 (*Bylaw* requirement).

RESPONSIBILITIES

- Attend and actively participate as a voting member in all NCARB Board of Directors meetings and functions, which are typically held from Thursday through Sunday, three/four times a year, as well as conference calls and webinars at other times
- Attend the Annual Meeting in its entirety, typically held for one week in the summer
- Review agenda and supporting materials prior to the Board and committee meetings
- Serve on one or two committees or task forces, or other special assignments
- Stay informed about NCARB's mission, services, policies, and programs
- Seek to understand organizational goals, needs, initiatives, technologies, challenges, and opportunities.

TERM OF OFFICE


Nominated by the NCARB Member Board Executives Committee and elected at the Annual Meeting in June 2016 for a one-year term. Like all other directors, the Member Board Executive Director may serve up to three years.

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 |

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

**Memorandum to Member Board Members, Member Board Executives
Nominations and Elections Reminder: FY17 Officers and Public Director
December 14, 2015**

Page 2

time to time to the President/Chair of the Board and to the First Vice President/President Elect. Any such allowances shall be included in budget reports furnished to the Member Boards.

Public Director

Article VII, Section 2. *Qualifications and Limitations*, state that a candidate for election as the Public Director:

- (i) shall be a citizen of the United States,
- (ii) shall be serving as a public or consumer member on a Member Board,

Nomination/Declaration Process

Declarations for both officer positions and the Public Director position are now being accepted. Candidates may choose to wait until the Annual Business Meeting to declare as provided in the Bylaws, however, the Board urges all candidates to announce early in order to effectively campaign and provide Member Board Members the most complete information with which to hold discussions and make decisions.

Candidates who desire to have his/her resume shared at the Regional Summit must declare his/her candidacy before **February 15, 2016**. Candidates will then be given an opportunity to address each Region during the Regional Summit on **March 11-12, 2016** in **Savannah, GA**. This provides an opportunity for Member Board Members present at the Regional Summit to share information about the candidates with their Member Boards prior to the Annual Meeting.

At the December 2015 Board of Directors meeting, the following individuals declared their candidacy for office for FY17.

1st Vice President/President Elect	Gregory L. Erny, NCARB, AIA (NV)
2nd Vice President	David L. Hoffman, FAIA, NCARB (KS)
Treasurer	Terry L. Allers, AIA, NCARB (IA)
Secretary	Robert M. Calvani, NCARB, AIA (NM)

Individuals considering candidacy for either an officer position or the position of Public Director should submit their declaration and resume electronically to Kathy Hillegas, Council Relations Director at khillegas@ncarb.org at the earliest possible time.

cc: NCARB Board of Directors

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 be 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

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:

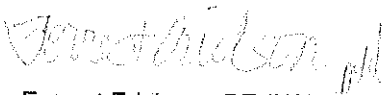
3. Rules for the Selection of Candidates to Receive the Award

- 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:

Recipients of the Central Zone Distinguished Service Award

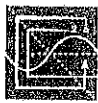
YEAR	RECIPIENT	STATE
1961	Robert Waid	Ohio
1961	C.S. Crouse	Kentucky
1963	Bruce Williams	Missouri
1965	L.E. McCartt	Kentucky
1965	Col. W.M. Spann	Missouri
1966	A.L. Bavone	North Dakota
1967	Walter Graf	Ohio
1968	James A. McCarthy	Indiana
1969	Dr. Edwin R. Whitehead	Illinois
1969	William S. Kelley, Jr.	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



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

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

YEAR	RECIPIENT	STATE
2011	James E. Rusch	Wisconsin
2011	W. Gene Corley	Illinois
2011	Michael J. Konzett	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.

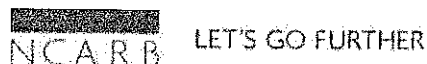
As always, please do not hesitate to contact me if you have any questions.

Regards,

Kathy

Kathy Hillegas

Director, Council Relations



National Council of Architectural Registration Boards

1801 K Street NW Suite 700K

Washington, DC 20006

Direct: 202/879-0540

Customer Service: 202/879-0520

Connect with us: www.ncarb.org

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FAST FACTS



NCARB

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

1801 K Street, NW
Suite 700K
Washington, DC 20006
202/783-6500
www.ncarb.org

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 Dixon (mdixon@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.

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

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:

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

The screenshot shows the NCARB website interface. On the left, a sidebar menu lists various services and resources. The "Legislative Tracking" link is circled in red. The main content area displays an "Announcements" section with a title "The National Council of Architectural Registration Boards (NCARB) is currently seeking Member Board comments on a new proposal to satisfy the requirements of the Intern Development Program (IDP). This program is being designed to provide a pathway for design professionals to validate that they have substantial past experience that meets the requirements of the IDP." Below this, there is a "Discussion Board" section with a table showing columns for Subject, Created By, Replies, and Last Updated. The table is currently empty.

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.

The screenshot shows the NCARB website interface with the "Legislative Tracking" link highlighted in the left sidebar. The main content area displays two maps of the United States. The top map is titled "Bill Tracking" and shows various states highlighted in blue. The bottom map is titled "Regulation Tracking" and shows various states highlighted in blue. The sidebar menu on the left includes links for Calendar, Contact Information and FAQs, Discussion Board, Justification for Regulation, Legislative Tracking (highlighted), Manuals, My Examination, Public Comment, Announcements, Top Regulatory Cases, Libraries, Research Library, BOO Briefs, Bylaws, CEO Updates, e-Sources, Fast Facts, Financial Statements, Forms and Publications, Legislation, Meeting Minutes, Resolutions, All Documents, Discussions, and All Site Content.

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

Background Checks
<ul style="list-style-type: none"> • Bills • Regs
Board
<ul style="list-style-type: none"> • Bills • Regs
CE
<ul style="list-style-type: none"> • Bills • <u>Regs</u>
Competitive Bidding
<ul style="list-style-type: none"> • Bills
Discipline and Investigations
<ul style="list-style-type: none"> • Bills
Good Samaritan and Limited Liability
<ul style="list-style-type: none"> • Bills
NCARB Programs
<ul style="list-style-type: none"> • Bills • Regs

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).

<p>Number: NY [R] AB 706 - Updated (New 01/06/2015)</p> <p>Sponsor: Asst. Michael Miller (DEM-NY)</p> <p>Title: <u>AN ACT to repeal section 7308 of the education law relating to mandatory continuing education for architects</u></p> <p>Abstract: Rpld S 7308, Ed L. Repeals a provision of the education law requiring mandatory continuing education for architects.</p> <p>Status: <u>referred to higher education - 01/07/2015</u></p> <p>Summary:</p> <ul style="list-style-type: none"> • Repeals section 7308 - Mandatory continuing education for architects
<p>Number: OH [R] HB 243 - Updated (Text 10/13/2015)</p> <p>Sponsor: Rep. Tim Schaffer (REP-OH)</p> <p>Title: <u>Architects and Landscape Architects continuing education</u></p> <p>Abstract: To amend sections 4703.02 and 4703.33 of the Revised Code to make changes governing the architects board and the landscape architects board regarding continuing education requirements.</p> <p>Status: <u>Repealed Out, House State Government (Hind Hearing) - 10/07/2015</u></p> <p>Summary:</p> <ul style="list-style-type: none"> • Modifies section 4703.02 - if the board adopts regulations for CE it may follow model CE recommendations from NCARB

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!


<p>State: California</p> <p>Agency: California - Board For Professional Engineers, Land Surveyors and Geologists</p> <p>Type: Final</p> <p>Citation: Title 16, Section 420.1, 3021.1</p> <p>Description: Fingerprinting</p> <p>Register: Register 2013, NO. 47-2 - 11/22/2013</p> <p>Action Text: <u>Summary of Regulatory Actions - Register Entry</u></p> <p>Full Text: <u>Summary of Regulatory Actions - Full Text</u></p> <p>Summary: Board of Professional Engineers, Land Surveyors, and Geologists modifies regulations to include fingerprint and disclosure requirements for the processing and approval of applications for registration.</p>
<p>State: Texas</p> <p>Agency: Texas - Board of Architectural Examiners</p> <p>Type: Final</p> <p>Citation: 22 TAC 1.149</p> <p>Description: Architects</p> <p>Register: Texas Register, Volume 39 Number 14 - 04/04/2014</p> <p>Action Text: <u>Adopted Rules - Register Entry</u></p> <p>Full Text: <u>Adopted Rules - Full Text</u></p> <p>Summary:</p> <ul style="list-style-type: none"> • All applicants for initial registration or registration renewal as an architect must submit a set of fingerprints. • Once fingerprints are submitted the requirement no longer applies.

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



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 proposed bills are under consideration, unless indicated otherwise, and are subject to change. The reports are by no means intended to be 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

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

Fast Facts is a monthly Member benefit distributed via email that includes updates and information from the Council Board of Directors and the eight office directorates. If you have any questions and/or suggestions regarding Fast Facts, please contact Derek Haese at dhaese@ncarb.org.

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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[AAES EWC \(/aaes-ewc\)](#)[Working Groups \(/working-groups\)](#)[Awards \(/awards\)](#)[Members \(/members\)](#)[Resources \(/resources\)](#)

(1)

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 \(http://www.aaes.org/american-association-engineering-societies-names-chair-elect-and-new-board-members#overlay-context=resources\)](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 \(http://www.aaes.org/planning-ahead-crucial-data-security\)](http://www.aaes.org/planning-ahead-crucial-data-security) and view the [presentations and speaker bios \(http://www.aaes.org/general-assembly-meeting-november-5-2015#overlay-context=resources\)](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.

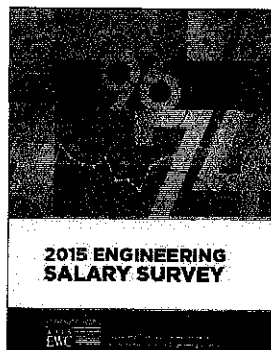
H. Vincent Poor, Ph.D., Dean, School of Engineering & Applied Science, Princeton University, is the winner of the 2016 **John Fritz Medal**. He was selected for outstanding contributions to the fields of modern communications and signal processing through their development, application and dissemination.

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) (<http://www.aaes.org/awards>) for more information, including a description of each award.

AAES 2015 Engineering Salary Survey Released



The 2015 Engineering 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 \(http://www.aaes.org/resources\)](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](/sites/default/files/Kyoto%20Declaration-RIV24NOV%20ver3%200.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/>)



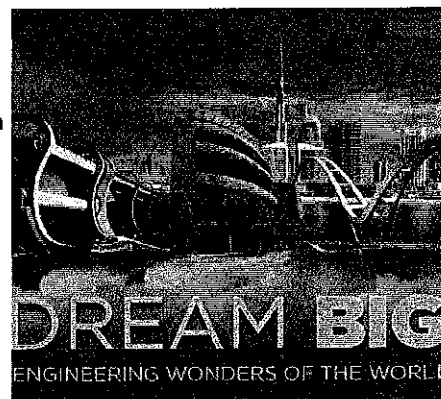
The ASCE Innovation Contest offers professionals, educators, and students the opportunity share their best ideas for transforming the future of our nation's infrastructure. Entries are welcome in four topic areas: 1) innovative business models & technologies, 2) the Internet of things, 3) green engineering, 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/) (<http://www.asce.org/innovation-contest/>) and the approaching submission deadline.



(<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

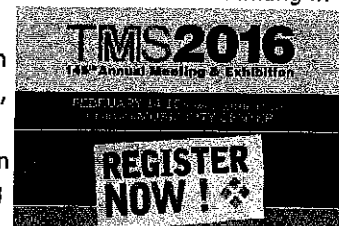
The American Society for Engineering Education (ASEE) continues its active engagement with the Maker Movement. With support from the National Science Foundation, ASEE hosted the 2015 NSF Maker Summit, Nov. 2-3, in Washington, DC. The Summit connected people from different parts of the Maker community. 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.



(<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.

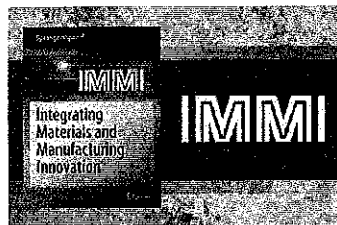


July 25-26, 2016
Northwestern University, Evanston, IL

(<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



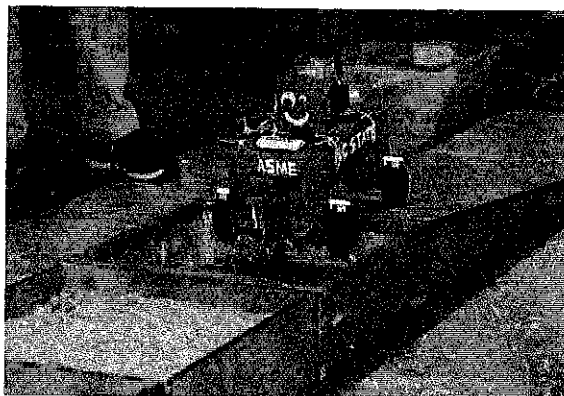
Two highlighted speakers at the ASME International Mechanical Engineering Congress and Exposition (<http://www.asmeconferences.org/IMECE2015/>) last month in Houston stressed the importance of encouraging both the current and a new generation of engineers to make their mark. In an impassioned speech (<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.



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

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/>)

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PDH AUDIT REPORT
For January 15, 2016
BOARD MEETING

13 audits reviewed at each Board Meeting

Mailed letter to licensee 12/04/2015

DEADLINE TO RECEIVE INFORMATION IS 01/04/2016

MAILED COPIES TO BOARD MEMBERS 01/06/2016

Name	Prof	Sent 1 st letter (or email) need audit records	Rcvd audit records	Board approved	Board NOT approved	Sent 2 nd letter – need audit records
Branscum, Iona Julia	PE	12/04/15	12/14/15			
Calhoon, John R.	LS	12/04/15	12/24/15			
Engelhardt, John P.	AR	12/04/15	12/10/15			
Hearn, Stephen W.	PE	12/04/15	12/10/15			
Hoskins, Mark A.	PE	12/04/15	12/22/15			
Huse, James B.	AR	12/04/15	06/01/15 AIA			
Jacobson, Jon Eric	LA	12/04/15	12/30/15			
Lamke, Melvin B.	LS	12/04/15	12/23/15			
Mack, Robert Callan	AR	12/04/15	12/14/15			
Oathout, Rodney V.	PE	12/04/15	12/28/15			
Pearson, Julian S.	PE	12/04/15	12/23/15			
Unruh, James H.	PE	12/04/15	12/28/15			
Whitlock, Joe Dale	LS	12/04/15	12/17/15			

** - no information received from licensee

Mailed Copies to Board Members 01/06/2016

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

Meeting Date: January 15, 2016

Page 1 of 2

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

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

Meeting Date: January 15, 2016

Page **2** of **2**

Issue Date	Name	Certificate #	Exam	Exam Date
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
012/01/2015	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

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

Meeting Date: January 15, 2016

Page 1 of 1

Issue Date	Name	#	Exam	Exam Date
12/14/15	Anderson, Jason	12757	PE	10/30/15
12/14/15	Anderson, Stuart William	12756	PE	10/30/15
12/14/15	Bestgen, Ross	12758	PE	10/30/15
12/14/15	Garduna, Ian Lane	12759	PE	10/30/15
12/14/15	Lentsch, Kyle Jeffrey	12760	PE	10/30/15
12/14/15	McMahon, Adam	12761	PE	10/30/15
12/14/15	Morris, Jesse J.	12762	PE	10/30/15
12/14/15	Pfaff, Wesley	12763	PE	10/30/15
12/14/15	Schippers, Jared Daniel	12764	PE	10/30/15
12/14/15	Smidt, Logan Jon	12765	PE	10/30/15

Board Meeting Examinee Report**LS Examinees Passed LS Exam***Meeting Date: January 15, 2016*Page 1 of 1

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

Board Meeting Examinee Report***For FE Examinees To Be Approved*****Meeting Date:** January 15, 2016Page 1 of 2

Name	Exam	Approved	Comments
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		
Hindieh, Yazen	FE		
Hodges, Daniel Jared	FE		
Hudson, Kyle	FE		

Board Meeting Examinee Report***For FE Examinees To Be Approved*****Meeting Date: January 15, 2016****Page 2 of 2**

Name	Exam	Approved	Comments
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		

Board Meeting Examinee Report

For FS Examinees To Be Approved

Meeting Date: January 15, 2016

Page 1 of 1

Name	Exam	Approved	Comments
Daale, Beau David	FS		
Jacosen, Rafe Eric	FS		
Peters, Micah	FS		
Renner, Nathan Allen	FS		

Board Meeting Examinee Report

For PE Examinees To Be Approved

Meeting Date: January 15, 2016

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Name	Exam	Approved	Comments
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		

Board Meeting Examinee Report*For LS Examinees To Be Approved***Meeting Date:** January 15, 2016Page 1 of 1

Name	Exam	Approved	Comments
Martinson, Chadwick	LS		
Paulsen, Jesse Paul	LS		

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: January 15, 2016

Page 1 of 4

Name	City	State	Profession	Comment
Amor, William Andrew	Rancho Cucamonga	CA	AR	
Hembree, Johnny Curtis	Alpharetta	GA	AR	
Kougias, Susan Nelson	Arlington Heights	IL	AR	
Lehmann, Glen	Durham	NC	AR	
Maroney, David M.	Minneapolis	MN	AR	
Moe, Randy Lee	Minneapolis	MN	AR	
Nelson, Gaius G.	Saint Paul	MN	AR	
Odom, John S	Saint Louis	MO	AR	
Ripplinger, Josh T.	Minneapolis	MN	AR	
Schaff, Daniel James	Dickinson	ND	AR	
Schroeder, Ryan Andrew	St. Louis Park	MN	AR	
Stepp, Andrew Gary	Milwaukie	OR	AR	
Washburn, Nicole Theresa	Carver	MN	AR	
White, Debra Vestal	Arlington	TX	AR	
Lipsey, Bradley	Franklin	TN	LA	
Bruckner, Anthony Leonard	Omaha	NE	LS	
Janes, Jason Duane	Palmyra	MO	LS	
Main, Jason Edward	Minot	ND	LS	
Rosenthal, Jack	Ottertail	MN	LS	

Board Meeting Comity Report

For Individuals by Comity

Meeting Date: January 15, 2016

Page 2 of 4

Name	City	State	Profession	Comment
Aaseth, Benjamin Bradley	Jamestown	ND	PE	
Aman, Brandon Paul	Ham Lake	MN	PE	
Bartlett, Richard Lee	Wichita	KS	PE	
Becker, Nicholas Joel	Brookfield	WI	PE	
Bergeron, Luke J	Spokane	WA	PE	
Bradby, Mark	Minneapolis	MN	PE	
Caldwell, Cade	Lakewood	CO	PE	
Carter, Russell Lee	Nashville	TN	PE	
Caven, Michael Paul	Des Moines	IA	PE	
Cesare, Thomas J	Brooklyn Center	MN	PE	
Cockerham, Steven Robert	Maitland	FL	PE	
Conlin, Thomas Kelly	Fargo	ND	PE	
Crockett, Kennon Charles	New Orleans	LA	PE	
Crunk, William Whiteaker	Franklin	TN	PE	
Dreyer, William Roy	Bozeman	MT	PE	
Falcon, Darin	Box Elder	SD	PE	
Federle, Stephen Nicholas	Cold Spring	KY	PE	
Fernandez, Antonio Pedro	Houston	TX	PE	
Fornberg, Anders	Denver	CO	PE	

Board Meeting Comity Report*For Individuals by Comity*

Meeting Date: January 15, 2016

Page 3 of 4

Name	City	State	Profession	Comment
Helman, Dana	Jacksonville	FL	PE	
Kahn, Michael	Chicago	IL	PE	
Kluck, Roger Edwin	Minot	ND	PE	
Langstaff, Ronald A	Aurora	IL	PE	
MacLeod, John	Chicago	IL	PE	
Marburger, Jonathan	South Sioux City	NE	PE	
Meehl, Joshua Douglas	St. Cloud	MN	PE	
Meiners, Theodore Joseph	Cedar Rapids	IA	PE	
Morris, Jeffrey Michael	Monrovia	CA	PE	
Mortellaro, Jean	Centennial	CO	PE	
Mostek, Brad Ray	Lincoln	NE	PE	
O'Hearn, Timothy	Tulsa	OK	PE	
O'Leary, John Edward	Lockport	IL	PE	
Panko, James	North Mankato	MN	PE	
Peterman, Karl L	Pickering, Ontario	Canada	PE	
Renken, Shawn Lewis	Omaha	Ne	PE	
Ruddy, Guy	Bismarck	ND	PE	
Schroeder, Joshua R	West Fargo	ND	PE	
Schwarze, Jordan	Plymouth	MN	PE	

Board Meeting Comity Report*For Individuals by Comity*

Meeting Date: January 15, 2016

Page 4 of 4

Name	City	State	Profession	Comment
Sermon, Robert Christian	Natrona Heights	PA	PE	
Spies, Christopher S	Raymore	MO	PE	
Spitzley, John Edward	Redding	CA	PE	
Stark, Michael Richard	Littleton	CO	PE	
Svare, Mark James	Andover	MN	PE	
Sweet, Dustin Kyle	Ballwin	MO	PE	
TeVelde, Chad Arthur	Greeley	CO	PE	
Thurman, James Frederick	Chesterfield	MO	PE	
Valenzuela, Jr., Carlos	Costa Mesa	CA	PE	
Waterman, Shane Lee	Watertown	SD	PE	
Wenschlag, Wylie Roger	Audubon	MN	PE	
Whitehurst, Kevin Lee	Nashville	TN	PE	
Wilcox, Jennica M	Sioux Falls	SD	PE	
Yurianto, Yurianto	Plano	TX	PE	
Zerr, Stacy Lynn	Des Moines	IA	PE	

Board Meeting Firm Report**For Business to Approve****Meeting Date:** January 15, 2016Page 1 of 2

Company Name	City	State	Profession	#
Ackerman Surveying & Associates, Inc.	Minot	ND	LS	
Agpro Environmental Services, LLC	Greeley	CO	PE	
Amor Architectural Corporation	Rancho Cucamonga	CA	AR	
ARK Engineering LLC	Syracuse	NY	PE	
Armstrong Torseth Skold & Rydeen Inc	Golden Valley	MN	PE	
ARSEE Engineers, Inc.	Fishers	IN	PE	
Bay West LLC	Saint Paul	MN	PE/R	
Bentz/Thompson/Rietow, Inc.	Minneapolis	MN	AR	
Control Technology & Solutions LLC	Ballwin	MO	PE	
Crunk Engineering LLC	Franklin	TN	PE/LA	
I.C. Thomasson Associates, Inc.	Nashville	TN	PE	
Janes Surveying, Inc.	Palmyra	MO	LS	
JSO Services, LLC	Saint Louis	MO	AR	
K Crockett Designs, llc	New Orleans	LA	PE	
Kiewit Corporation	Omaha	NE	PE	
Kinney Engineering, LLC	Anchorage	AK	PE	
Knott Laboratory	Centennial	CO	PE	
KTM Design Solution Inc.	Rapid City	SD	PE	
Mercer Software Solutions, LLC	Willow Park	TX	LS	
Mobilite Engineering and Construction, LLC	Costa Mesa	CA	PE	

Board Meeting Firm Report**For Business to Approve****Meeting Date: January 15, 2016****Page 2 of 2**

Company Name	City	State	Profession	#
Modular Structural Consultants LLC	Plano	TX	PE	
Morin Corporation	Deland	FL	PE	
NEC, Inc	Cedar Rapids	IA	PE	
Neel-Schaffer, Inc.	Jackson	MS	PE	
Pieper O'Brien Herr Architects	Alpharetta	GA	AR	
Renken Engineering Solutions	Omaha	NE	PE	
Ridgetop Engineering & Consulting, LLC.	Johnstown	CO	PE	
RLC Solutions, Inc.	Natrona Heights	PA	PE	
Ryan A. Schroeder, Architect, LLC	St. Louis Park	MN	AR	
Swegon North America Inc.	Ontario	Canada	PE	
Terra Technologies LLC	McHenry	IL	PE	
The Nelson Tremain Partnership, PA, Inc	Minneapolis	MN	AR	
Venice Engineering & Consulting	Houston	TX	PE	

Board Meeting Comity Report

Previous License by Exam Applications To Be Reviewed

Meeting Date: January 15, 2016

Page 1 of 3

Name	City	State	Profession	Comment
Fitzpatrick, Ryan	Pierre	SD	R	

Board Meeting Comity Report

Previous Comity Applications To Be Reviewed

Meeting Date: January 15, 2016

Page 2 of 3

Name	City	State	Profession	Comment
Karels, Lucas D.	Maple Grove	MN	PE	

Board Meeting Report

Renewal with Discipline to be Reviewed

Meeting Date: January 15, 2016

Page 3 of 3

Name	Profession	Approved	Comments
Finn, Kevin M.	PE		

**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., 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

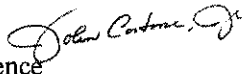


NCARB

REGIONAL SUMMIT

MEMORANDUM

To: Member Board Members
Member Board Executives
Board of Directors

From: John E Cardone, Jr. Chair, 
Region 3 – Southern Conference

Date: December 16, 2015

Subject: 2016 Regional Summit

As Region 3 chair it is my distinct pleasure to invite you to Savannah, GA, for the 2016 Regional Summit. On behalf of the entire Region, we are excited to welcome you to beautiful Savannah to discuss Regional and Council policies, programs and initiatives and consider important issues related to the regulation of the architectural profession.

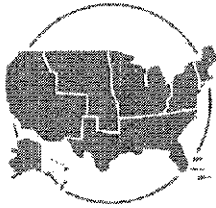
Of all the places you'll visit in your lifetime, Savannah is one of the most beautiful. The City is situated at the mouth of the Savannah River, which separates Georgia from South Carolina; on a high bluff about 18 miles from the ocean. We will be staying in the heart of the Historic District on the riverfront, within walking distance to Savannah's famous squares, beautiful architecture, fabulous restaurants, entertainment, shopping and museums. This is the largest National Historic Landmark District in the United States.

Some prominent local highlights include the Andrew Low House/Juliette Gordon Low - founder of the Girl Scouts of the USA, the Railroad Museum, and the Children's Museum. Also of note is the Ship of the Sea Maritime Museum featuring ship models, the Telfair Museums as well as the incredibly –restored Lucas Theater and City Market.

The Jepson Center for the Arts, also located within walking distance, will be opening a new exhibit on March 11th, "Elvis at 21". The exhibit showcases the work of photo journalist Alfred Wertheimer, who documented a remarkable visual record of rock 'n' roll's most enduring figure the year he turned 21. Taken in 1956 these images coincide with the 60th anniversary of Elvis's first concert in Savannah.

Savannah, Georgia is known as 'the Hostess City' for a reason. It is packed with picturesque scenery and architecture. Its people are friendly and hospitable. And finally, its numerous attractions are easy to navigate and attend.

The meeting begins on **Thursday, March 10** for **Member Board Executives** with the MBE Workshop and continues on **Friday, March 11** and **Saturday, March 12** for **Member Board Members**. The Regional Leadership Committee has developed an exciting agenda and we hope that you will join us. You will have the opportunity to collaborate in smaller Regional group settings and in individual caucuses.



NCARB

REGIONAL SUMMIT

Funding Available to Attend Regional Summit

As part of their commitment to encourage Member Board participation in Council events, NCARB continues to offer several funding opportunities for Member Board Members, Executives, and Public Members to attend the Regional Summit. The funding categories are as follows:

Funded Delegate

Funding will be made available for up to two delegates from your Member Board to attend the meeting. Please note that anyone currently serving as an active member of your board is eligible to utilize this funding. Identification of Funded Delegates is at the discretion of the Member Board Chair or Member Board Executive. Member Board Executives received instructions on how to identify Funded Delegates in November. If you have not already done so, please submit the names of your Funded Delegates to Council Relations at council-relations@ncarb.org as soon as possible.

Member Board Executives

Funding will be provided for Member Board Executives to attend the MBE Workshop and the Regional Summit.

Public Member

In 2014, the Board of Directors established a Public Member Scholarship fund to incentivize more public and consumer Member Board Members to attend the Regional Summit and the Annual Business Meeting. There are a limited number of scholarships available, which will be awarded on a first-come, first-served basis. Public Members interested in attending should work with their board executive to ensure that their information has been submitted.

I highly encourage every board to take advantage of these opportunities. If you have any questions regarding NCARB funding, please contact Nefertari Carver (ncarver@ncarb.org).

Housing and Meeting Registration

All persons attending the meeting must register for the event through the registration [website](#).

The meeting will be held at:

Hyatt Regency Savannah
2 W Bay Street
Savannah, GA 31401
Ph: 912/238-1234

The room rate for the meeting is \$230 for single and double rooms plus 13% room tax and a \$1 City of Savannah tax. The deadline for hotel reservations is **Friday, February 5**. After that date, the room rate is not guaranteed. We encourage you to make your reservations soon! NCARB will only reimburse funded guests for the contracted rate of \$230 plus applicable taxes.

Your participation is important to your Region, to NCARB, and all your Member Board colleagues.



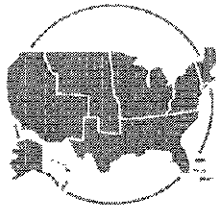
NCARB

REGIONAL SUMMIT

Questions?

- Questions regarding housing, please contact Kim Garrison at kgarrison@ncarb.org
- Questions regarding NCARB funding status, please contact Nefertari Carver at ncarver@ncarb.org
- All other questions should be directed to your Regional Executive:
 - Region 1 - Dawne Broadfield necarb1@gmail.com
 - Region 2 - Barbara Rodriguez brodrig100@aol.com
 - Region 3 - Jenny Wilkinson exec@scncarb.org
 - Region 4 - Glenda Loving ncarb4@gmail.com
 - Region 5 - Bonnie Staiger bonnie@bis.midco.net
 - Region 6 - Gina Spaulding wcarb@msn.com

Please come and be ready to listen, learn, explore and enjoy Savannah. We look forward to seeing you there.



NCARB

REGIONAL SUMMIT

Agenda

Thursday, March 10, 2016

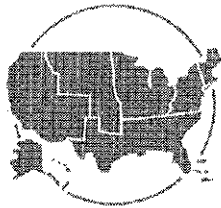
- 2:00 p.m. – 4:30 p.m. New Member Board Member/Executive Orientation**
- 4:00 p.m. – 6:00 p.m. Registration**
- 6:30 p.m. – 9:30 p.m. Icebreaker Reception**
Savannah College of Art and Design
- 6:30 – 7:00 p.m. Welcome and Introduction to Savannah (Participation optional, limited seating)**
Professor Robin Williams, Chairman of the Department of Architectural History at Savannah College of Art and Design will speak about the history of the city and offer places of interest to visit while attending the meeting.

Friday, March 11, 2016

- 8:00 a.m. – 10:00 a.m. Regional Meetings**
Individual regional caucuses begin where regional business is conducted along with visits from Officer and Public Director candidates for the FY17 Board of Directors, as well as visits from NCARB leadership to discuss resolutions and other critical issues identified by the Regions.
- 10:30 a.m. – 12:30 p.m. Plenary Session**
- 10:30 a.m. Welcome Cardone**
- NCARB Resolutions Allers**
Resolutions to be voted on during the 2016 Annual Business Meeting in June will be offered to the membership for consideration. Following the presentation, participants are encouraged to engage in a Q&A session prior to breaking into regional caucuses.

Restraint of Trade and Regulation: Is Teeth Whitening in Our Future?

NCARB continues to monitor actions stemming from the U.S. Supreme Court's decision in the *FTC v North Carolina Board of Dental Examiners* case. The Court's opinion imposes a new "context-dependent" test to determine whether a state exercises sufficient supervision to confer antitrust immunity on state licensing boards composed of market participants. Join your colleagues for a discussion on outcomes and recent activities resulting from the Supreme Court's decision and garner best practices for ensuring antitrust compliance in regulating occupations. In addition, participants will learn how certain facts in their jurisdictions may trigger scrutiny or assure alignment with the Supreme Court decision.



NCARB

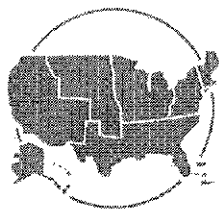
REGIONAL SUMMIT

Friday, March 11, 2016 CONT'D

12:30 p.m.	Closing Remarks/Announcements
12:30 p.m. – 5:00 p.m.	Regional Meetings Individual regional caucuses continue.
5:30 p.m. – 6:30 p.m.	Networking Reception
6:30 p.m.	Regional Dinners Region 1 – <u>Chart House</u> Region 2 – <u>Vic's on the River</u> Region 3 – <u>Garibaldi's</u> Region 4 – <u>Alligator Soul</u> Region 5 – <u>Sapphire Grill</u> Region 6 – <u>Vic's on the River</u>

Saturday, March 12, 2016

8:00 a.m. – 9:30 a.m.	Regional Meetings Regional caucuses continue
10:00 a.m. – 12:00 p.m.	Plenary Session
10:00 a.m.	Welcome Cardone
	Minimizing Illegal and Negligent Practice Through Relationships w/Code Officials <i>One of the biggest threats to our mission of protecting the health, safety, and welfare of the public is the illegal practice of architecture. Critical to the success of preventing illegal, unlicensed practice is cultivating key relationships and having the authority to prosecute those in violation. Attendees at this session will be presented with best practices for identifying key partnerships, cultivating relationships, and establishing platforms and processes to help mitigate illegal practice.</i>
	President's Remarks Ward
	CEO Remarks Armstrong
	Committee Updates Harding
	Town Meeting Ward/Armstrong



NCARB

REGIONAL SUMMIT

Saturday, March 12, 2016 CONT'D

12:00 p.m.

Closing Remarks

Cardone

12:00 p.m. – 1:45 p.m.

Luncheon/Service Recognition

2:00 p.m.

Optional Tours (fees required)

1. Historic Walking Tour of Savannah

Enjoy a guided walking tour of one of the largest National Urban Historic Landmarked Districts in the United States. Tour magnificent architecture encompassing more than 270 years of American history. On a journey through Savannah's Historic District, you will walk along cobblestone paved streets beneath moss-draped oaks and experience the "Old South" with her stately mansions, beautiful squares, romantic riverfront and abundance of artifacts. You will be guided by experienced local tour guides with a depth of knowledge regarding the city of Savannah.

Each tour will take approximately 2 hours and will cover a distance of 1.5 miles. Participants will be divided into groups of 20 for simultaneous tours.

2. Pinpoint Museum

In 1985, the A.S. Varn & Son oyster and crab factory in Pin Point closed its doors for good. It marked the end of an era for the tiny fishing community tucked quietly away on the banks of the Moon River, just south of Savannah, Georgia. For nearly one hundred years, Pin Point was isolated and self-sustained, a Gullah/Geechee enclave founded by first-generation freedmen where family, religion and work were deeply connected to the water. Today, the factory has been reopened as the Pin Point Heritage Museum, celebrating the life, work and history of this Gullah/Geechee community that calls Pin Point home.

Local Architect, Anne K. Smith FAIA, led the team to save the oyster factory buildings. This effort had many challenges and the buildings were almost lost. Anne will take you through the journey to bring this important historic site back to life as a productive teaching experience that shares the story of the families of Pin Point and their close community.

Join your colleagues to learn about the culture and traditions of this community as you explore the refurbished museum complex and experience multimedia presentations, exciting exhibits and unparalleled views of the marsh!
Approximately 3 hours.



NCARB

REGIONAL SUMMIT

2016 Regional Summit: Registration, Hotel, and Travel Information

Registration

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

The fees for the meeting are:

Member Board Members: \$450

Guests (18 and older): \$175

Guests (17 and younger): \$75

We respectfully request that all meeting attendees register for the event, including those funded by NCARB. As a reminder, NCARB will fund up to two delegates and a Member Board Executive. In addition, there is a Scholarship Fund available for Public Members.

You can [register here](#).

Hotel

The 2016 Regional Summit will be held at:

Hyatt Regency Savannah

2 W Bay Street

Savannah, GA 31401,

Ph: 912/238-1234

The hotel room rate for the Regional Summit is \$230 per night for a standard or double room plus 13 percent room tax and a \$1 City of Savannah tax. After that date, the room rate is not guaranteed. We encourage you to make your reservations soon! NCARB will only reimburse funded guests for the contracted rate of \$230 plus applicable taxes.

There are two ways to make your hotel reservations:

Phone: 912/238-1234

Online: [Hyatt Regency Savannah Reservations](#)

Check-in is 3 p.m. and check-out is at noon. The hotel is 100 percent non-smoking with smoking allowed in designated areas only. The Hyatt Regency Savannah offers self-parking at \$16 per day plus tax. Valet parking is available for \$26 per day plus tax.

NCARB will make hotel reservations for Member Board Executives attending the meeting based on information provided in the meeting registration process.

Travel

Member Board Executives should plan to arrive on **Wednesday, March 9** and depart on **Sunday, March 13**.

All other attendees should plan to arrive on **Thursday, March 10** and depart on **Sunday, March 12**. The exception to this would be new Member Board Members who are planning to attend the New Member Board Member Orientation session on Thursday afternoon.



NCARB

REGIONAL SUMMIT

When booking your hotel reservation by phone, please be sure to mention the NCARB Regional Summit to obtain the group rate. The hotel is holding rooms through **Friday, February 5**. After that date, rates are subject to change and rooms will be subject to space availability. Learn more about the Hyatt Regency Savannah.

Airport Information/Ground Transportation

Savannah Hilton Head International Airport (SAV) is about 11 miles from the hotel. Taxis cost approximately \$25 one way.

Funded Delegates and Funded Public Members recipients are responsible for making their own hotel and travel arrangements and should submit for reimbursement following the meeting.

Social Activities

Regional Dinners will take place on Friday evening. Please contact your Regional Executive for more information.

Region 1 – Chart House

Region 2 – Vic's on the River

Region 3 – Garibaldi's

Region 4 – Alligator Soul

Region 5 – Sapphire Grill

Region 6 – Vic's on the River

Optional Tours (fees required)

Historic Walking Tour of Savannah

Enjoy a guided walking tour of one of the largest National Urban Historic Landmarked Districts in the United States. Tour magnificent architecture encompassing more than 270 years of American history. On a journey through Savannah's Historic District, you will walk along cobblestone paved streets beneath moss-draped oaks and experience the "Old South" with her stately mansions, beautiful squares, romantic riverfront and abundance of artifacts. You will be guided by experienced local tour guides with a depth of knowledge regarding the city of Savannah.

Each tour will take approximately 2 hours and will cover a distance of 1.5 miles. Participants will be divided into groups of 20 for simultaneous tours. \$30 per person.

Pinpoint Museum

In 1985, the A.S. Varn & Son oyster and crab factory in Pin Point closed its doors for good. It marked the end of an era for the tiny fishing community tucked quietly away on the banks of the Moon River, just south of Savannah, Georgia. For nearly one hundred years, Pin Point was isolated and self sustained, a Gullah/Geechee enclave founded by first-generation freedmen where family, religion and work were deeply connected to the water. Today, the factory has been reopened as the Pin Point Heritage Museum, celebrating the life, work and history of this Gullah/Geechee community that calls Pin Point home.

Local Architect, Anne K. Smith FAIA, led the team to save the oyster factory buildings. This effort had many challenges and the buildings were almost lost. Anne will take you through the journey to bring this important historic site back to life as a productive teaching experience that shares the story of the families of Pin Point and their close community.

Join your colleagues to learn about the culture and traditions of this community as you explore the refurbished museum complex and experience multimedia presentations, exciting exhibits and unparalleled views of the marsh! Approximately 3 hours. \$50 per person.



NCARB

REGIONAL SUMMIT

2016 Regional Summit –FAQ

How do I make a hotel reservation for the Regional Summit?

Please call the Hyatt Regency Savannah at 912-238-1234 or go to the Regional Summit hotel reservation website to make your hotel arrangements online. The hotel is holding rooms through Friday, February 5th. After that date, rates are subject to change and rooms will be subject to space availability.

What is the dress code?

The dress code is business-casual attire.

Is there parking at the hotel?

Yes. The Hyatt Regency Savannah has self-parking available at \$16 per night. Valet parking is \$26 per night.

What is the weather like in Savannah in March?

Attendees should expect temperate weather in Savannah. Average highs for March are in the high 60s to low 70s and average lows are in the low 50s. Please expect cooler temperatures in meeting rooms.

Funded Delegates

Am I a Funded Delegate?

Member Boards typically select their Funded Delegates during a board meeting. If you are unsure of your status, please contact your Member Board Executive.

I am a Funded Delegate, how do I register?

Funded delegates should select the Funded Delegate option on the registration payment page in order to have the registration fee waived. The deadline to register is Friday, February 5th.

I am a Funded Delegate, what costs are covered?

Funded Delegates are funded for three nights' hotel, registration fee, airfare/train fare, ground transportation to and from the airport and meals not already provided through the complimentary registration fee.

I am a Funded Delegate, how do I make my air or train reservations?

Funded delegates will be responsible for making their own travel arrangements. Please note that airfares over \$600 require prior approval from the Council's meetings staff. Please contact Kim Garrison at kgarrison@ncarb.org for approval.

I am a Funded Delegate, how do I reserve a hotel room?

Please call the Hyatt Regency Savannah at 912-238-1234 or go to the Regional Summit hotel reservation website to make your hotel arrangements online. The hotel is holding rooms through Friday, February 5th. After that date, rates are subject to change and rooms will be subject to space availability.



NCARB

REGIONAL SUMMIT

I am a Funded Delegate, how am I reimbursed for my travel expenses?

Funded Delegates are required to make their own hotel and travel arrangements (such as airline reservations and train reservations). After the meeting, they should submit an expense report to Lourdes Lagasca at llagasca@ncarb.org. Specific instructions for submission are included on the Expense Report Form.

Funded Public Members

If I receive the Public Member scholarship, how do I register?

Funded Public Members should select the Funded Public Member category on the registration payment page in order to have the registration fee waived. The deadline to register is Friday, February 5th.

If I receive the Public Member Scholarship, what costs are covered?

Funded Public Members are funded for three nights' hotel, registration fee, airfare/train fare, ground transportation to and from the airport and meals not already provided through the complimentary registration fee.

If I receive the Public Member Scholarship, how do I make my air or train reservations?

Public members will be responsible for making their own travel arrangements. Please note that airfares over \$600 require prior approval from the Council meetings staff. Please contact Kim Garrison at kgarrison@ncarb.org for approval.

If I receive the Public Member scholarship, how do I reserve a hotel room?

Please call the Hyatt Regency Savannah at 912-238-1234 or go to the Regional Summit hotel reservation website to make your hotel arrangements online. The hotel is holding rooms through Friday, February 5th. After that date, rates are subject to change and rooms will be subject to space availability.

If I receive the Public Member scholarship, how am I reimbursed for my travel expenses?

Funded Public Members are required to make their own hotel and travel arrangements (such as airline reservations and train reservations). After the meeting, they should submit an expense report to Lourdes Lagasca at llagasca@ncarb.org. Specific instructions for submission are included on the Expense Report Form.

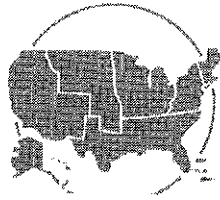
Member Board Executives

How do I register if I am a Member Board Executive?

Member Board Executives should select the option for Member Board Executive on the registration payment page in order to have the registration fee waived. The deadline to register is Friday, February 5th.

I am a Member Board Executive, what costs are covered?

Member Board Executives are funded for four nights' hotel, registration fee, airfare/train fare, ground transportation to and from the airport, and meals not already provided through the complimentary registration fee.



NCARB

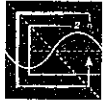
REGIONAL SUMMIT

I am a Member Board Executive, how do I make a hotel reservation?

Kim Garrison will reserve hotel rooms for all Member Board Executives based on an assumed arrival of Wednesday, March 9th and departure of Sunday, March 13th. Please contact Kim Garrison at kgarrison@ncarb.org if your travel dates differ from above.

I am a Member Board Executive, how am I reimbursed for my travel expenses?

After the meeting, Member Board Executives should submit an expense report to Lourdes Lagasca at llagasca@ncarb.org. Specific instructions for submission are included on the Expense Report Form.



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

2015-16
BOARD OF DIRECTORS/OFFICERS

December 28, 2015

Michael J. Conzett, P.E.
President

MEMORANDUM

David H. Widmer, P.L.S.
Past President

TO: Member Board Administrators

Daniel S. Turner, Ph.D., P.E., P.L.S.
President-Elect

FROM: Jerry T. Carter, Chief Executive Officer *Jerry T. Carter*

Gary W. Thompson, P.L.S.
Treasurer

SUBJECT: Funded Delegate Notification for the 2016 Central Zone Interim Meeting

Christy K. VanBuskirk, P.E.
Central Zone Vice President

The 2016 Central Zone interim meeting will be held May 5-7 in Kansas City, Missouri. A meeting summary is attached.

Roy E. Shrewsbury II, P.S.
Northeast Zone Vice President

Funded Delegate. In accordance with NCEES policy, the Council will pay the meeting registration, travel, and lodging expenses of two voting delegates from each member board to attend the zone interim meeting. The delegates must be members or associate members designated to vote for the member board.

Theresa Hilliard Hodge, P.E.
Southern Zone Vice President

Patrick J. Tami, P.L.S.
Western Zone Vice President

Please notify NCEES of your member board's funded voting delegates by completing and returning the attached form for each delegate by **Friday, February 12**. Delegates will not be allowed to book travel until this form is received.

Jerry T. Carter
Chief Executive Officer

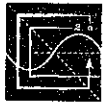
If your board authorizes an associate member to be a funded delegate, provide a letter from your chair, printed on board letterhead, designating this individual as a voting delegate.

Please provide contact information for the funded delegates rather than the board office. NCEES will send an invitation package to each delegate via email with meeting information and instructions for making necessary travel arrangements.

Should you have questions regarding NCEES-funded delegates, contact Sherrie Saunders at ssaunders@ncees.org or 800-250-3196.

/ld

Attachments

**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

NCEES Central Zone Interim Meeting

Meeting Summary	
Location	Westin Kansas City at Crown Center One East Pershing Road Kansas City, Missouri 64108
Meeting summary	The zone interim meeting is held each spring. The primary purpose of the meeting is for representatives from the licensing boards to hear reports from the CEO and board of directors as well as the committee and task force reports. The result is motions to be presented at the annual meeting in August. Delegates have the opportunity to ask questions and discuss possible motions, and they are encouraged to take pertinent information back to their boards for further discussion. Additionally, delegates will elect a zone vice president and assistant vice president and provide individual board updates.
Meeting dates and agenda	May 5–7, 2016 The business meeting begins at 8:00 a.m. on Friday, May 6, and concludes at noon on Saturday, May 7. A draft business meeting agenda follows on the next page. A full meeting agenda will be posted at ncees.org/zones when registration opens.
Registration fee	\$100 delegates Meals include Thursday welcome reception, Friday breakfast, lunch, and dinner, and Saturday breakfast and lunch.
Hotel room block rate	\$149/night plus taxes and fees (currently 16.85% and \$1.75 per night), single or double occupancy
Airport ground transportation costs	The Westin is 35 minutes from Kansas City International Airport (MCI). Taxi service is approximately \$50 each way. Discounted ground transportation is also available through SuperShuttle for \$30 round-trip, per person.
Hotel parking costs	\$17/day self-parking \$24/day valet parking
Wi-Fi	Complimentary basic Wi-Fi is available for those enrolled in SPG, Starwood's free loyalty program.

2016 Central Zone Interim Meeting
Kansas City, Missouri
May 5–7, 2016
DRAFT Schedule of Events

Thursday, May 5

- 3:00–6:00 p.m. Registration desk open
5:00–6:00 p.m. First-time attendee reception

Friday, May 6

- 7:00–8:30 a.m. Breakfast
7:00–10:00 a.m. Registration desk open
8:00–10:00 a.m. Business session 1
- Call to order
 - Invocation
 - Pledge of Allegiance
 - Welcome
 - Roll call of member boards
 - Introduction of guests and attendees
 - Review of schedule for the day
 - Call for additional agenda items
 - Approval of zone meeting minutes from NCEES annual meeting
 - Financial report
 - Resolution Committee appointments
 - Zone committee reports
 - Award Committee
 - Leadership Development Committee
 - Site Selection Committee
 - Nominating Committee report (elections on Saturday morning)
 - Candidates' remarks
 - NCEES officer and chief executive officer reports
 - President (Michael Konzett, P.E.)
 - President-elect (Daniel Turner, Ph.D., P.E., P.L.S.)
 - Treasurer (Gary Thompson, P.L.S.)
 - CEO (Jerry Carter)
- 10:00–10:15 a.m. Break
10:15 a.m.–noon Business session 1 (continued)
- NCEES committee and task force reports
- Noon–1:00 p.m. Lunch
1:30–4:30 p.m. Business session 2
- NCEES committee and task force reports (continued)

Saturday, May 7

- 7:00–8:30 a.m. Breakfast
8:00–9:45 a.m. Forum breakout sessions
- Engineers
 - Surveyors
 - Member board administrators
- 9:45–10:00 a.m. Break

- 10:00 a.m.–noon** **Business session 3**
- Elections
 - Zone vice president
 - Zone assistant vice president
 - NCEES Committee on Nominations representative and alternate
 - Committee appointments
 - Awards Committee
 - Site Selection Committee
 - Leadership Development Committee
 - Nominations Committee
 - Update on state activities
 - New business
 - Consideration of resolutions
 - Invitation to 2017 zone interim meeting (joint with Western Zone, Denver, Colorado)
 - Forum reports
- 12:00–1:30 p.m.** **Lunch**
- Awards presentation and leadership recognition
 - Resolutions Committee report
 - Closing remarks
- 1:30 p.m.** **Adjournment**

Patterson, Kathryn

Subject: CLARB Update on Region 4 Director


From: Sutton, Missy [<mailto:SuttonM@CLARB.ORG>]

Sent: Thursday, December 03, 2015 9:37 AM

To: Patterson, Kathryn

Subject: Update on Your Region 4 Director

To view this email as a web page, go [here](#).



Thursday, December 3, 2015

Dear Kathryn,

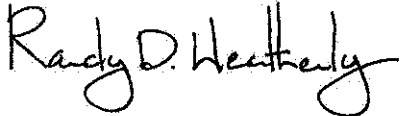
I wanted to inform you that Allison Fleury has resigned as Region 4 Director. After discussions with Allison, we have mutually agreed that it is in everyone's best interest that she step aside for the balance of the year to focus on her healing process and her family.

Michael Beresnak (at right), the Region 4 Alternate Director and MBM from Alberta, has agreed to step in to her role and will be your Regional Director for the remainder of Allison's term (through September 30, 2016).


The Region 4 election will take place as usual next August during the region's webcast. The new Director will take office on October 1, 2016.

Please join us in sending thoughts and prayers to Allison and her family and welcoming Michael as your Region 4 Director.

Regards,



Randy Weatherly
President



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

We respect your right to privacy - [view our policy](#)

[Manage Subscriptions](#) | [Update Profile](#) |

Patterson, Kathryn

Subject: FW: ED Position
Attachments: Executive Director Ad.pdf

From: Jerry Carter [<mailto:jcarter@ncees.org>]
Sent: Monday, November 30, 2015 6:34 AM
Subject: ED Position

All:

After a number of years of dedicated service to the Nevada Board, Noni Johnson has announced her retirement effective June 20, 2016. Noni and her contributions to the effort will be greatly missed.

The Nevada Board has requested that I post the attached job listing for the Executive Director position that will be available upon Noni's retirement. Please pass this along to any interested and qualified candidates that you may know. Any questions or requests for additional information should be forwarded to Nevada Board.

Jerry

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential, proprietary, and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the information from all computers.

Nevada State Board of Engineers and Land Surveyors
Employment Opportunity for Executive Director

Nevada State Board of Engineers and Land Surveyors
1755 East Plumb Lane, Suite 135
Reno, Nevada 89502
(775) 688-1231

Executive Director

The Nevada State Board of Engineers and Land Surveyors are seeking an Executive Director. The Executive Director serves as the agency head for the Board and is charged with the implementation of the Nevada Revised Statutes and the Nevada Administrative Code for 11,000 licensees. The Board has two offices, Reno and Las Vegas; however the selected applicant's primary work location will be in the Reno office.

Educational Qualifications: Minimal academic preparation is a Bachelor's Degree from an accredited university or college.

Professional Qualifications: An ideal applicant should have experience in public administration, public policy supervisory skills, excellent communication skills, and knowledge of the Nevada Revised Statutes and Nevada Administrative Code.

For a complete position description and application information please visit www.nvboe.org

Application deadline is December 31, 2015. Resumes and cover letter describing how the applicant meets the qualifications must be submitted to:

**Nevada State Board of Engineers and Land Surveyors, Attn:
Noni Johnson, 1755 East Plumb Lane, Suite 135, Reno, NV
89502**

Equal Opportunity Employer

Nevada State Board of Engineers and Land Surveyors
Employment Opportunity for Executive Director

Patterson, Kathryn

Subject: Executive Director Posting - Kansas

All:

I hope this is not establishing a trend but Mary Leigh Dyck with the Kansas Board has announced her retirement as the Executive Director. The Kansas Board has asked that I post the following link that provides information about them find a replacement for Mary Leigh:

<https://www.da.ks.gov/ps/pub/reqinfo.asp?id=182450>

Please pass along to any individuals who you think have the necessary skill sets and an interest in working for the Kansas Board.

Congratulations to Mary Leigh!

Jerry

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Patterson, Kathryn

Subject: Pearson VUE Data Breach

From: Jerry Carter

Sent: Wednesday, December 02, 2015 6:06 AM

Subject: Pearson VUE Data Breach

All:

I've received several inquiries concerning a recent breach of the Pearson VUE Credential Manager system (PMC). Pearson VUE put out the following press release:

"We recently were made aware that an unauthorized third party placed malware on Pearson VUE's Credential Manager (PCM) system, which is a platform that supports adult professional certification and licenses. The unauthorized party improperly accessed certain information related to a limited set of Pearson VUE's PCM system users. As of now, we do not believe that U.S. Social Security numbers or full payment card information were compromised as a result of this issue."

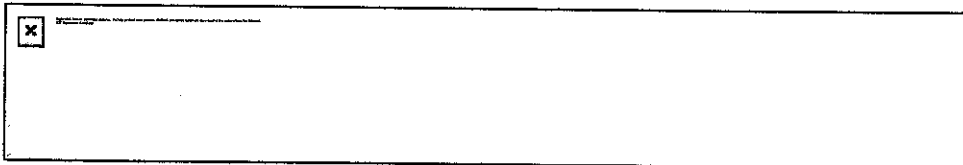
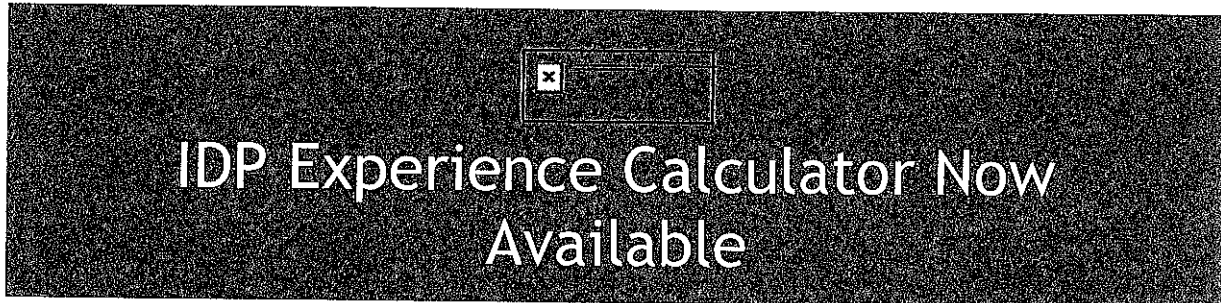
I am pleased to be able to report that NCEES does not utilize Pearson VUE's PCM system as we have developed our own candidate management system which you all know as E3. The limited biographical data that NCEES captures from each applicant as they establish an account resides within the NCEES data management system and is never transferred to a third party.

Let me know if there are questions.

Jerry

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential, proprietary, and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the information from all computers.

From: NCARB <customerservice@ncarb.org>
Sent: Friday, December 11, 2015 10:35 AM
To: DLR SDBTP
Subject: IDP Experience Calculator Now Available



We have great news! With the overhaul of the Intern Development Program (IDP) launching on June 29, we want to make sure you have all the tools you need to make a smooth transition. That's why we've just released the IDP Experience Calculator.

Here's what the calculator can do for you:

- Help you determine how your hours will transition from the program's current 17 areas into the six new experience areas.
- In conjunction with the Experience Area Map, you can use the calculator to plan how you'll earn hours going forward.
- Use this as an opportunity to meet with your supervisor to review your progress and make a plan to complete the IDP.

Note: Some jurisdictions require more than 3,740 hours. Any hours that fall outside of the IDP's six new areas can be used to fulfill additional jurisdictional requirements.

You can use the calculator to see how these hours will apply to your “total hours.”

Questions? We’re always here to help!
Call customer service at 202/879-0520.

National Council of Architectural Registration Boards

1801 K Street NW Suite 700K

Washington, DC 20006



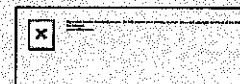
Share this email:



Manage your preferences | Opt out using TrueRemove™
Got this as a forward? Sign up to receive our future emails.
View this email online.

1801 K Street NW, Suite 700K
Washington, DC | 20006 US

This email was sent to sdbtp@state.sd.us.
To continue receiving our emails, add us to your address book.



Patterson, Kathryn

From: Jeffrey Nelson
Sent: Monday, January 04, 2016 10:07 AM
To: Rex, Brian
Cc: Patterson, Kathryn
Subject: RE: NAAB Visiting Team Reception on Sunday 21 September @ 5PM

Brian,

I think you are on the right track! This type of collaboration would be excellent for our industry.

Jeff Nelson
Architectural Board Member
South Dakota Board of Technical Professions

From: Rex, Brian
Sent: Friday, December 18, 2015 10:51 PM
To: Jeffrey Nelson
Subject: Re: NAAB Visiting Team Reception on Sunday 21 September @ 5PM

Jeff:

We're in our last year before we go up for full initial NAAB accreditation. Needless to say, I go to conferences where all we talk about is NAAB Accreditation and how to get it.

One thing that has come up is a chance to make the Five Collateral Organizations (ACSA/NAAB, AIA, AIAS, NCARB + Board of Technical Professions) start to meet in a way that helps the SDSU program get strong signals about its utility and value and to help point the way in where all of this is changing.

I've mentioned this to Mark Aspaas as someone who has been heavily involved in NCARB leadership. I, of course, can represent the ACSA/NAAB (are you aware they are folding into each other?), and we can seek a representative from each of the AIA and AIAS organizations. Unless your term is ending, it seems like you are the logical voice on the Board of Technical Professions.

We've been batting around the idea that we coordinate an annual meeting of the Architectural Collaborative Organizations with our end of semester reviews exhibition and/or graduation in early May. If we did this on the dead day right after all our studios have presented we could do a quick walk around and then a meeting. Hopefully we'll lure most of you to come in on the day before we meet and sit on student reviews.

What we imagine is that each of the ARCHITECT representatives (NCARB, AIA, State Board) from each collateral organization will each find a way to stay engaged with the students and faculty of the school. Whether that's hiring our grads, serving on reviews, coming in to offer professional guidance in coursework, or other, we haven't gotten that detailed yet. We imagine that this is where we'd discuss potential changes to licensure in South Dakota, ways to strengthen the academic program, and to keep someone from South Dakota involved in each collateral organization and to advocate in our interactions for that organization's biases in the development, enrichment, and property of the profession in South Dakota. In turn the student and faculty representatives will work to stay active in professional events and organizations.

This would get us a rep from the students, the professors, the professional organization, the registrars, and the licensing board as we discuss the real changes that are coming to South Dakota as we come within two or three

years of seeing our first SDSU graduate SD licensed architect. Our plan is to be the dominant school in providing licensed architects in South Dakota within 10 years. Its going to take time but it starts this May when our first M-Arch class graduates.

I think the upshot of this is an advisory committee for all of us—a way of coordinating and knowing what's important to each collateral and in knowing what's coming at us from outside. We're going to have to coordinate and advocate if we are going to keep SDSU grads in state. The allure of the Twin Cities and Denver are strong to a 25 year old.

What do you think?

If we do it on Friday, May 6th then you all can end the day by coming to the Department Graduation & Awards Celebration.

I think it would be great to have the industry fully represented at the graduation celebration.

Brian T. Rex

Associate Professor & Head
Department of Architecture
South Dakota State University

On Sep 10, 2014, at 1:48 PM, Jeffrey Nelson

wrote:

Brian,

Thanks for the invite. I would be happy to attend and add my voice to your teams as both the current Chair of the SD Board of Technical Professions and one who has had hands on experience with one of your students.

My e-mail has changed (we are working through a firm change). If you contact me at this e-mail, I will get it on my phone, etc.

We had the pleasure of having Brian in the office for the 2nd summer. He is a young man with more potential at his fingertips than almost anyone I have ever met. He didn't get to do anything grand this summer in the office...we buried him in ADA and building codes. He is an exceptional young man and must certainly be a great asset to the first class!

See you on the 21st.

Jeffrey J. Nelson, AIA NCARB
President
Falls Architecture Studio, LLC
605-360-6438
jeff@fallsarch.com
www.fallsarch.com

From: Rex, Brian

Sent: Tuesday, September 09, 2014 3:11 PM

To: jeff.nelson@baldridge-nelson.com

Cc: Rieken, Diane

Subject: NAAB Visiting Team Reception on Sunday 21 September @ 5PM

Jeff:

Mark Humphreys and I had a great conversation yesterday about our program's arrival in the state. He recommended I reach out to you for a myriad of reasons.

The most immediate is to invite you to a Reception we are holding for the visiting team on Sunday September 21 at 5PM at the Brookings Children's Museum.

Our university administration and representatives from the regional profession will be attending. Our visiting team is...

Team Chair, *Representing the Academy*

Barbara A. Sestak, AIA, Dean

School of Fine & Performing Arts

Portland State University

Portland, OR

Representing the Profession

Ronald J. Battaglia, FAIA

Flynn Battaglia Architects, PC

Buffalo, NY

Representing the NAAB

C. William Bevins, FAIA

Charlotte, NC

As a member of the Board of Technical Professions and someone who has already gotten to work with one of our students, Brian Skrovig, we would like to add your voice to this important interface between our professional community, our academic community and these visitors.

Brian T. Rex

Associate Professor and Department Head
Department of Architecture / Division of Design
South Dakota State University