

Department of Commerce, Community
and Economic Development

Division of Corporations, Business
and Professional Licensing

**Board of Registration for Architects, Engineers,
and Land Surveyors**

Annual Report

Fiscal Year 2024



Department of Commerce, Community and Economic Development
Division of Corporations, Business and Professional Licensing

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This report is required under Alaska Statute 08.01.070(10).

**Board of Registration for Architects, Engineers, and Land Surveyors
FY 2024 Annual Report**

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Board Membership (as of the Date This Report was Approved)

Date of Final Board Approval: 5/8/2024

Board Member	Seat on Board	Term
Jeff Garness (Chair)	Engineer other than those listed	3/1/2020 – 3/1/2028
Ed Leonetti (Vice Chair)	Landscape Architect	3/1/2021 – 3/1/2025
Sterling Strait (Secretary)	Civil Engineer	3/1/2022 – 3/1/2026
Paul Baril	Architect	3/1/2024 – 3/1/2028
John Barry	Mining Engineer	3/1/2024 – 3/1/2028
Brent Cole	Public Member	3/1/2022 – 3/1/2026
Elizabeth Beckett Johnston	Electrical Engineer	3/1/2017 – 3/1/2025
Jake Maxwell	Land Surveyor	3/1/2021 – 3/1/2025
Colin Maynard	Civil Engineer	3/1/2024 – 3/1/2028
Brad Rinckey	Land Surveyor	3/1/2024 – 3/1/2028
Randall Rozier	Architect	3/1/2021 – 3/1/2025

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Accomplishments

The Board of Registration for Architects, Engineers and Land Surveyors (AELS) was able to get many long standing regulation projects across the finish line in FY2024. The new continuing education regulations went into effect on October 15, 2023, and allow for more options to earn professional development hours, as well as easier reporting documentation requirements, and a new partial exemption for those that have been licensed 30 or more years in a CLARB, NCARB, or NCEES recognized jurisdiction. Also in October of 2023, the new structural engineering regulations that allow for exam applicants to sit for the exam before earning their experience and allow for more exams to qualify comity applicants for licensure also went into effect. Two more regulation project went into effect in April of 2024. One of which aligns the regulations for landscape architects with the Council of Landscape Architectural Registration Boards' (CLARB) uniform standards that offer multiple pathways to licensure. The other project conformed AELS regulations to the changes required by the passing of SB126 in June of 2023. Also included in that project was a regulation change for sealing documents with a digital signature.

In addition to adopting the regulation changes, the AELS also adopted an updated disciplinary matrix in August of 2023. This tool assists both the board and the investigator when responding to complaints that are submitted. AELS currently has 12 open cases with investigations. Eleven cases, including cases opened in previous years, were closed in FY2024. Those closed cases resulted in sending three Letters of Advisements.

For the second year in a row, AELS published its yearly newsletter. (See Appendix C) This newsletter keeps AELS registrants and other interested parties current on issues the board is working on. It also included several informative tips from the board on what AELS Statutes and Regulations require in certain situations, an article on the new continuing education regulations, a report on the three most common types of licensing violations, and instructions on how to become involved with the AELS Board.

A new application review process was provided for in both a FY2023 regulation project and the passing of SB126 which allow staff to review and approve with board concurrence all comity applicants who submit a council record from CLARB, NCARB, or NCEES, and also meet all other licensure requirements. This process as well as the board reviewing comity applicants between board meetings has decreased licensing times by up to 60 days.

FY 2024 New Individual and Firm Registrations			
License Type	In State	Out of State	Total
Architect	4	26	30
Chemical Engineer	0	5	5
Civil Engineer	46	85	131
Control Systems Engineer	1	0	1
Electrical Engineer	8	20	28
Environmental Engineer	3	3	6
Fire Protection Engineer	1	2	3
Land Surveyor	5	3	8
Landscape Architect	2	1	3
Mechanical Engineer	13	18	31
Naval Architect & Marine Engineer	0	2	2
Petroleum Engineer	1	0	1
Structural Engineer	1	26	27
Corporations	2	21	23
Limited Liability Company	10	11	21
Total Licensed	97	223	320

FY 2024 All Registrants			
License Type	In State	Out of State	Total
Agricultural Engineer	0	1	1
Architect	218	357	575
Chemical Engineer	42	57	99
Civil Engineer	1380	1526	2906
Control Systems Engineer	22	24	46
Electrical Engineer	254	438	692
Environmental Engineer	103	36	139
Fire Protection Engineer	24	34	58
Industrial Engineer	0	1	1
Land Surveyor	255	105	360
Landscape Architect	34	22	56
Mechanical Engineer	327	444	771
Metallurgical & Materials Engineer	4	0	4
Mining & Mineral Processing Engineer	19	16	35
Naval Architect & Marine Engineer	2	19	21
Nuclear Engineer	0	0	0
Petroleum Engineer	45	38	83
Structural Engineer	125	293	418
Corporations	117	326	443
Limited Liability Company	174	110	284
Limited Liability Partnership	1	3	4
Total Licensed	3146	3850	6996

Board of Registration for Architects, Engineers, and Land Surveyors
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Activities

The AELS Board met four times during its regularly scheduled board meetings. AELS has the following committees that meet between board meetings to work on board business as shown:

Outreach Committee	Planned outreach events for each board meeting Developed Outreach Plan for 3/1/2024-2/28/2025 – See Appendix B Designed and compiled the 2024 AELS Newsletter
Education Committee	Worked on the continuing education regulation changes Working on the core competencies for the Cold Regions Design Course
Investigative Advisory Committee	Developed the Discipline Matrix Working on a regulation project to clarify actions that need to be investigated
Legislative Liaison Committee	Kept current on legislative issues that affect AELS Looking for ways to correct the EA salary issues
Guidance Manual Committee	Updated Guidance Manual with clarification on the following topics: <ul style="list-style-type: none">• Record Drawings• Definition for Responsible Charge Experience• Definition for Health, Safety, and Welfare Working on editing the AELS Bylaws
Planning & Implementation Committee	Developed the AELS Strategy Plan for 3/1/2024-2/28/2025 (See Appendix A)

In addition to the standing committees, the AELS Board had the three working groups/subcommittees to address the following issues:

ADEC Working Group	Working to bring agreement between AELS's and ADEC's regulations
SE Working Group	Working with DOT to see if 12AAC 36.990 (44)(F) is required to be a significant structure requiring a SE to design
Land Surveyor Subcommittee	Working on a definition for recorded plat to include in regulation

The AELS Board engaged with the public through four outreach events. In August, it met with the Society for Marketing Professional Services to offer guidance to the group about design profession's scope of practice and how that relates to requests for proposals. Due to the continuing education regulations going into effect in October, the November board meeting's outreach was to the state's professional local chapters and associations to inform them of the regulation changes. In an effort to keep current on applicants' needs, the Board met with the Cold Regions Design Course professors to have a discussion about the core competencies of the course as well as the delivery method. The May board meeting outreach was a question and answer time with the State, municipal, and borough officials, regulators, and plan reviewers. Individual board members engaged in outreach as seen in the Outreach Reports (See Appendix D) as well as attending and engaging in the national organizations. At least one representative from the AELS Board attended the annual meetings and regional conferences for each profession the board regulates. These conferences makes the Board aware of the national trends that are affecting each profession.

**Board of Registration for Architects, Engineers, and Land Surveyors
FY 2024 Annual Report**

Activities

A delegate from the AELS Board attended all hearings on HB159/SB73 and sent letters to committees that were hearing the bills to keep the legislators aware of the concerns AELS has with the bills that add the regulation of registered interior designers to the AELS Board.

Regulation projects that are currently underway are addressing the term “responsible charge” and “responsible charge experience,” considering adding the discipline of architectural engineering, clarifying actions that could lead to investigation, as well as clarifying document retention, and a regulation change for the updated AELS bylaws

**Board of Registration for Architects, Engineers, and Land Surveyors
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Needs

Due to having an 11 person board, board meetings are much more efficient when the board can meet in person. The board submitted a Travel Resolution during FY24 to the Division, Commissioner and the Governor requesting that the division allow the board to meet in different parts of the state in order to better connect with all its registrants state-wide. The request of the board is to meet for its quarterly meetings in Juneau for February, Anchorage for May and November, and Fairbanks for August.

To keep current on the national trends for the professions regulated by the AELS Board, it is imperative that board members and staff travel to and attend the following national organizations' conferences:

NCEES	Annual Business Meeting Western Zones	August 14-17, 2024 April/May 2025	Chicago, IL Albuquerque, NM	Up to 3 board members and Executive Administrator
NCARB	Annual Business Meeting Regional Summit Chair/Executive Summit	June 2025 March 2025 October 2024	Scottsdale, AZ Philadelphia, PA Fargo, ND	Up to 2 board members and Executive Administrator Chair and Exec Admin
CLARB	Annual Business Meeting	Sept. 19-21, 2024	Buffalo, NY	1 board member and Executive Administrator

In addition to the conferences, some board members are on committees for the national organizations and will need to travel for their service on the committees. The AELS Board also requests travel dollars in the event the investigator needs to travel for site visits and for a board member to travel for proctoring the AKLS.

The AELS Board sunsets in FY25 so it will be seeking a sponsor for its sunset bill at the conclusion of the legislative audit that is currently underway.

AELS Board's Mission is to protect the public health, safety, and welfare through regulation of the practice of architecture, engineering, land surveying, and landscape architecture by...

OBJECTIVE 1.
 ...ensuring that those entering these professions in this state meet minimum standards of competency, and maintain such standards during their practice; and

STRATEGIES

- a. Support license mobility by aligning with model law, including updates to statutes, regulations, policies.**
- b. Prepare university students for licensure**
 - Encourage licensing preparedness at UA (and other) engineering and land surveying/geomatics programs.
 - Encourage Alaska resident architecture and landscape architecture students to become licensed in Alaska.
- c. Maintain an effective outreach program**
 - Clarify the path to licensure for each discipline.
 - Share outreach program with license holders, licensure candidates, legislators, allied professions.
- d. Provide Administrative Support**
 - Assist AELS staff with correspondence, reports, travel requests, FAQs for regulation projects, etc.
 - Collaborate with staff to identify board training needs and opportunities.

PLANNED ACTIONS 3.1.2024 – 2.28.2025

- 1. Review experience requirements to sitting for the PE, PS, and AKLS exams (decoupling)
 - 2. Review proposed regulation changes for consistency with relevant NCARB, NCEES, and CLARB standards.
 - 3. Support Board members' participation in national organization committees and leadership.
 - 4. Develop core competencies for Cold Regions Design Course
-
- 1. Send congratulatory letter to UA engineering and land surveying graduates.
 - 2. Identify Alaska resident architecture and landscape architecture graduates and send congratulatory letters.
-
- 1. Develop an annual Outreach Plan in conjunction with the Board's annual report.
-
- 1. Promptly respond to administrative requests for assistance from candidates and registrants.
 - 2. Develop a template for annual Committee reports.
 - 3. Assist in writing the Annual Report/Travel Plan.

AELS Board's Mission is to protect the public health, safety, and welfare through regulation of the practice of architecture, engineering, land surveying, and landscape architecture by...

OBJECTIVE 2.
...enforcing the licensure and competency requirements in a fair and uniform manner.

STRATEGIES

a. Protect public HSW through effective statutes & regulations

- Analyze/update regulations to simplify and maintain Education, Experience, Examination standards.
- Enforce regulations with prompt, thorough investigations.



- PLANNED ACTIONS 3.1.2024 – 2.29.2025**
1. Improve investigation review, processes and procedures.
 2. Review and update bylaws.
 3. Work with ADEC to improve regulations and policies that overlap with AELS.
 4. Work with DOT to address 36.990 (44)(F)

b. Collaborate with design professionals & allied professions

- Listen to concerns; address through regulations, policies.
- Interact with professional organizations on HSW matters.
- Use committee and work groups to engage licensees.
- Provide ongoing review/update to Guidance Manual.



1. Explore adding the discipline of architectural engineering.
2. Incorporate license holder concerns, ideas and issues into Outreach Plan.
3. Work with ID working Group and others regarding Interior Design Registration.
4. Work with professional societies to make registrants aware of new CE requirements.

c. Maintaining Competency through Continuing Education

- Monitor new CE regulations and reporting system to identify needed improvements.



1. Adjust new CE forms as needed.
2. Conduct CE audit training for Board members.
3. Complete the 2024 CE audits.

Summary of Actions

3.1.2024 – 2.28.2025

- Maintain effective Board committees & working groups (including annual review of Strategic Plan Actions)
- Review and update By-Laws
- Board training – department/infrastructure
- Continually check in with the Strategic Plan - Don't add items to the workload if they are not consistent with adopted plan (unless issue is essential!).
- Continue reviewing priorities at the end of each meeting –
 - Priority 1: Task needs to be completed w/in 30 days
 - Priority 2: Task needs to be completed before next board meeting (3 months)
 - Priority 3: Task needs to be completed within 6-12 months.

**The Alaska State Board of Registration for Architects, Engineers, and Land Surveyors (AELS),
Outreach Committee – Annual Report**

May 9, 2024

The AELS outreach committee plays a vital role in facilitating meaningful engagement between the board and its stakeholders, encompassing licensed professionals, aspiring licensees, employers, and the general public. Its core mission is to advance the board's values and objectives by amplifying awareness of its policies, procedures, and commitment to fairness and transparency.

Throughout the preceding year, the AELS board successfully convened with various factions within the design profession. These interactions allowed for constructive discussions on concerns voiced by both groups and individuals, thereby enabling the board to introspect and identify areas for improvement. Looking ahead to 2024, the AELS Board intends to sustain this positive momentum by integrating an outreach event into each meeting.

The pivotal role of the AELS outreach committee cannot be overstated in ensuring robust stakeholder engagement and upholding the board's principles. Through heightened communication channels, educational initiatives for aspiring licensees, collaborative ventures with employers, transparent practices, and the advocacy of professionalism, the committee serves as a driving force in enabling the board to fulfill its objectives while safeguarding its reputation as an equitable and transparent regulatory entity.

AELS Board meeting schedule and outreach events planned for 2024;

May	Meet with Building Officials and Plan Reviewers representing diverse Municipalities and Boroughs across Alaska to explore areas where the AELS Board can offer assistance in addressing their concerns.
August	
November	University of Alaska and Anchorage School District – Panel discussion of how to get post high-school students into design fields.
February	Public information session on Continuing Education requirements

AELS ALASKA

Alaska State Board of Registration for Architects, Engineers, and Land Surveyors

2024 Newsletter



Message from the Chair

The AELS Board has accomplished several important milestones during the past year. We successfully updated our statutes through the passage of SB 126 in May 2023. Many thanks to Senator Bjorkman and the Senate Labor and Commerce Committee for sponsoring this legislation that cleaned up many outdated provisions. One specific change now allows the Board's Executive Administrator to approve straightforward comity applications, which results in faster authorization for licensure. The AELS Board has also been actively engaged in SB73, a bill to register interior designers. A motion made to approve adding interior designers to the AELS Board



Catherine Fritz AIA
AELS Board Chair

STAMPING FAQ

Q: As a licensed design professional, how do I know when something requires a stamp and signature?

A: Check out Alaska Statute 08.48.221 which requires that you stamp and sign technical documents when they are issued as final thus certifying that they were prepared under your responsible charge and that they are within your field of practice. Examples include drawings, specifications, surveys, plats, plates, reports, or similar documents.

failed during the May 2023 Board meeting. However, the Board suggested modifications to SB73 if the legislation proceeds. This bill will continue to be followed through the 2024 legislative session. In 2025, the AELS Board will undergo a sunset review by the legislative audit division. The audit report, along with other reports and testimony, is considered by the Legislature when determining if there is a continuing public need for the board.

The Board also facilitated several important regulation changes during the past year. One of these is the continuing education program that provides more options for completing the required 24 biennial professional development hours (PDHs). There is a new provision that allows registrants with more than 30 years of practice to complete a reduced number of PDHs (8 hours per biennial period). Outreach events and information on the AELS website are being provided to inform registrants of the new provisions.

Improving communication and coordination with state agencies has been one of the Board's ongoing priorities. The state fire marshal attended the May 2023 meeting to share information on permitting and inspection topics, and the Board formed a working group to interface with the Alaska Department of Environmental Conservation on wastewater disposal regulations.

All Board members are active participants in their respective professions, and many are serving in leadership roles with affiliated national organizations. I will be completing 8 years of service with the AELS Board in March 2024, as will my mining engineer colleague, Fred Wallis. It has been very gratifying to broaden my experience in public service, and to engage with so many dedicated and talented colleagues from around the state. I encourage all registrants to stay abreast of issues of your licensing board, and to consider applying for board service. The Board schedules at least one open public testimony period during each meeting, and the meetings are always available for you to listen and testify (when applicable) via Zoom

HSW FAQ

Q: Licensed design professionals are directed to stamp only designs that protect the health, safety, and welfare (HSW) of the public. How are these terms defined?

A: The AELS Board defines public health, safety, and welfare as follows:

Health: Aspects of professional practice that improve the physical, emotional, and social well-being of occupants, users, and any others affected by buildings, infrastructures, and sites.

Safety: Aspects of professional practice that protect occupants, users, and any others affected by buildings, infrastructures, or sites from harm.

Welfare: Aspects of professional practice that enable equitable access, elevate human experience, encourage social interaction, develop the wise use of resources, and benefit the built and natural environments.

Tips from the Board

Continuing Education:

New continuing education regulations for AELS went into effect on October 15th, 2023.

New options for earning PDHs which include the following:

- Outreach activities done by the registrant
- Courses that focus on ethics or business-related activities (up to 8 PDHs)
- Structured self-study in the subject for which the registrant holds a registration (up to 4 PDHs)
- Peer reviewing papers, articles, and books

PDH hours no longer all have to be health, safety and welfare related, however they must be related to the professionals' scope of practice.

Balancing out these new options, you are no longer allowed to carry forward excess PDH hours to the next renewal period.

Definitions for these new options are found in 12 AAC 36.550.

There is also a new Continuing Education Log and Continuing Education Structured Report available on the AELS Continuing Education webpage to assist with tracking and documenting your PDHs. These are invaluable if you are selected for an audit.

Reduction for Seasoned Professionals Individuals that have been licensed for 30 or more years in a NCEES, NCARB, or CLARB recognized jurisdiction are only required to obtain 8 PDHs per biennial period.

Reminder: Do not check the box attesting to having finished the required 24 hours of continuing education if they have not been completed. If registrants have not completed their required 24 PDHs, they will need to take advantage of the following two options that AELS offers:

- 1) On or before December 31, 2023, submit a paper renewal application with the extra \$50 extension fee requesting a 30-day extension. On January 1, 2024, the registration will be put into the "Inactive" status at which time the registrant has until January 31, 2024, to complete their 24 PDHs and submit their documentation to aelsboard@alaska.gov. The registrant should not practice until their registration has been placed back into "Active" status.; or
- 2) Let the registration lapse on December 31, 2023. Immediately complete the 24 required PDHs. Then submit the 2024-2025 renewal application, enter the date the hours were completed on page 2 and pay the additional \$50 delayed renewal penalty.

This past legislative session design professionals scored a victory when SB126 passed the Legislature and was signed into law by Governor Dunleavy. This legislation was requested by the State Board of Registration for Architects, Engineers, and Land Surveyors and updates outdated portions of statutes without making substantive changes.

One change clarifies that electrical and mechanical engineers may serve on the Board at the same time. This could be helpful because after civil engineering, these two disciplines have the second and third most registrants in Alaska.

Another change clarifies that a registrant who seals and signs a document must do the work or be in responsible charge of it **and** the work must be in the registrant's field of practice. This aligns the law with how the professions have long practiced and how regulations are written.

The bill also provides numerous edits and updates to the statutes, adds two new definitions, eliminates duplication, transfers some provisions to regulation, acknowledges that documents are now transmitted electronically, and the Board no longer administers exams, and adds limited partnerships to the corporate entities that can be issued certification for professional practice. A registrant who wants to see more detail may request the sectional analysis from Board staff.

SB126 Becomes Law

We are grateful to the Legislature for being willing to tackle legislation important to our professions and give a special shoutout to Senator Jesse Bjorkman and his Labor & Commerce Committee aide, Laura Achee, for their yeoman's work in sponsoring this bill and shepherding it through the Legislature.

Loren Leman, P.E.
Chair, Legislative Liaison Committee
AELS Board



SB126 signing with Governor Mike Dunleavy, Senator Jesse Bjorkman, DEC Commissioner Jason Brune, and AELS Board Members Bob Bell, Loren Leman, Jeff Garness

Tips from the Board

Common Types of Licensing Violations

Over the past 5 years, the AELS Board has handled 184 cases dealing with potential violations.

Not all cases result in an investigation, and of those, not all result in discipline. Cases also represent allegations that were unsubstantiated or cases closed with non-disciplinary letters.

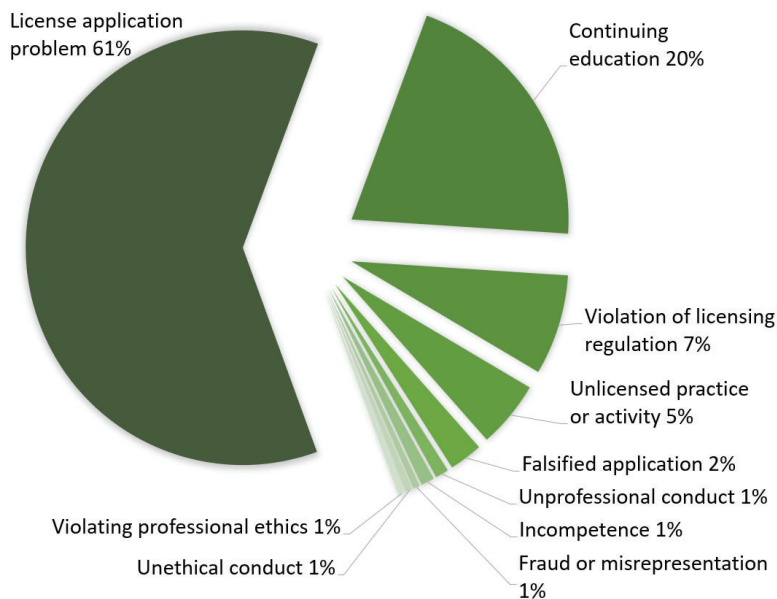
The three most common cases (not necessarily violations) are continuing education issues, licensing application problems (or falsified applications), and violations of licensing regulations.

Licensing application problems or falsified applications refer to applications that are referred to investigations, due to a disclosure on an application, which are reviewed for proper disclosure and to confirm there are no additional violations of statutes and regulations. These cases make up 128 of the identified cases.

With regard to continuing education, cases are primarily a result of a failure to complete the required 24 PDHs, which presents itself in licensing audits. These cases make up 41 of the identified cases.

The third category, 'violation of licensing regulations,' constitutes a category that encompasses unspecified violations. These could be things from improper use of seals, specific violations of municipal codes related to professional work, or violations related to the assignment of a person in responsible charge. Because of the varied nature of these cases and their varying fact patterns it is hard to present a specific precautionary narrative to give registrants. Discipline can vary greatly for violations of this nature depending on the severity of the offense and other compounding/mitigating factors. These cases constitute 15 of the identified cases.

COMMON LICENSING VIOLATIONS



COA FAQ

Q: When is a Certificate of Authorization (COA) required?

A: Any corporation, Limited liability corporation, limited liability partnership, or limited partnership that offers architectural, engineering, land surveying, or landscape architectural services must have a COA before practicing or offering to practice in Alaska. See AS 08.48.241 for more detail.

Getting Involved with the Board:

How to make board business YOUR business

The Alaska State Board of Registration for Architects, Engineers, and Land Surveyors exists to protect the public interest through regulation of the professions in AS 08.48. While you may only think about the board when it's time to renew your license, there are many ways to engage with the board—and many reasons why you might want to do so:

Why should I engage with board business?

The board meets at least quarterly to discuss matters related to practice, licensure, and enforcement of its laws. Every topic the board considers relates to professional practice, including continuing education, sealing, alignment with national standards, and responsible charge, to name a few.

When these topics arise, the board deliberates and often proposes regulation projects to codify intended changes. Feedback from registrants has a profound effect on the outcome of these projects, which ultimately affects the daily professional work of registrants.

How can I engage in board business?

The simplest way to begin is by listening in to a board meeting or a meeting of a committee of the board. These are all published on the board's [web page](#) and in the state's [Online Public Notice System](#).

If you are seeking to serve on a deeper level, board membership is an exciting responsibility. Board members must be fair and impartial, willing to dig deep into the details and thoughtfully explore all angles of an issue. Members are appointed by the governor and serve up to two four-year terms. The AELS board has four new board members joining the board on March 1, 2024 - Architect - Paul Barril, Civil Engineer - Colin Maynard, Land Surveyor - Brad Rinckey, and Mining Engineer - John Barry.

Regulatory boards differ vastly from non-profit or corporate boards, so please reach out if you're interested in learning more. When you are ready to apply, the governor's [Office of Boards and Commissions](#) can assist. We'd love to welcome you to the toughest job you'll ever love.

Sara Chambers, DCCED Boards and Regulations Advisor



AELS Board Information

Upcoming Board Meeting Schedule

May 8 - 9

August 23 - 24

Upcoming Exam Dates

NCEES SE Exam:

April 16 - 17

October 9 - 10

AKLS Exam

April 19

Upcoming Application Deadlines

April 9

July 24

Registration applications must be received 30 days before AELS Board meeting or processing will be delayed until the next meeting.

Contact Info

Phone: (907) 465-2550

Email: AELSboard@Alaska.Gov

State of Alaska/DCCED
Division of Corporations, Business
and Professional Licensing
AELS Board
P.O. Box 110806
Juneau, AK 99811-0806



AELS Outreach Report

Board Member: Sterling Strait

Date of Event: 7/21/23

Event: SEAAK Lunch Meeting

Description of Event:

Provided a brief update on AELS board activities at a regular lunch meeting for the Structural Engineering Association of Alaska (SEAAK).
Update focused on the open public comment period for the SE and CEU regulation projects

Outreach Activity Report

Board: AELS

Date & Time of Event: 09/14/23 12:00 pm

Person Reporting: Ed Leonetti

of Attendees: Employees: / Board Members:

Type of Outreach: Alaska Chapter ASLA Monthly Executive Board Meeting

Attendees: Melisa Bab, Taylor Keegan, Elise Huggins, Jonny Hayes, Laura Minski, Chris Myrtle, Peter Briggs.

Description of Event: Monthly Executive board to discuss chapter business and activities.

Ed Reported the following during the AELS portions of the agenda:

- a. Summary of August Board Meeting – one day meeting format, SMPS outreach event.
- b. Discussion the regulation Revisions to 12 AAC 36.068
 - i. Law review and going out for public comment soon.
- c. Update on CEU changes and next steps
- d. Discussion regarding the Northing Building design course and online course
- e. Reported that the next AELS meeting is Nov. 14.

AELS Board Outreach Report

Board Member: Loren Leman

Event: UAA College of Engineering celebration of ABET accreditation

Date: September 14, 2023 from 5:30 to 7:00 pm

Location: Varsity Sports Grill at Alaska Airlines Center, UAA

Description of Event: I joined UAA administration, faculty, a regent, and members of department advisory boards at a reception to hear from the dean and celebrate the good news that the recent round of accreditation review was very successful for all of the College of Engineering programs. This accreditation is good for another six years. As of the day of the event, the BS in Computer Science results are still pending, but Dean Kenrick Mock is confident it too will maintain accreditation. UAA meets the highest standards of the ABET and PMI-GAC accreditation bodies.

During the event I conversed with Dean Kenrick Mock, Assistant Dean Jennie Brock, Project Management head Luann Piccard, Regent Seth Church and others about the importance of accreditation, the value of professional registration, the importance of communication and project management as “strong skills,” and what we need to do in middle and high schools to help recruit students to these technical professions.

I attended as a member of the AELS Board and as an Advisory Board member for the UAA College of Engineering.

Volunteer Hours: 1.5

Cost: This was a local Anchorage event that I attended at no cost to the State of Alaska. The State, of course, invests heavily in UA, and wants to see its investment in post-secondary education produce high-achieving graduates who will meet workforce needs.

AELS Board Outreach Report

Board Member: Loren Leman

Event: UAA College of Engineering Student Showcase

Date: September 15, 2023 from 6:00 to 8:00 pm

Location: Engineering & Industry Building, UAA

Description of Event: I recruited my wife Carolyn to join me for an evening with engineering, geomatics, and computer science students who showed us their projects. We had participated in this event last year and she beat me then in a paper boat-building and fluids lab flume racing competition. She was hoping for a repeat, but this time my boat beat hers by 1.5 seconds. I guess next year will be the rubber match.

In a geomatics demonstration I completed a 10' X 10' square using rudimentary surveying techniques (pacing and squinting), and then was checked by today's technology. I closed within 1.5 feet, which is far poorer than the standard expected of surveyors we register.

Other events were a demonstration of heat loss by making ice cream (yum!); asking questions of a computer with AI programming (ChatGPT) and getting both valid and hilarious answers; and supporting students who are veterans by participating in an Alaska trivia contest using Kahoot. Unfortunately, the robotics team had dismantled its demonstration by the time we got to its exhibit at the 8:00 pm closing time.

During the evening I conversed with Dean Kenrick Mock, Assistant Dean Jennie Brock, several faculty members, and many students. I told about, in a fun way, the importance of maintaining a good reputation, investing in studying, and yet, keeping engineering fun. I shared with the students what my 50 years in this profession means to me.

Among others we met were an engineering student from New Zealand; a graduate student in engineering who I had met several years ago in the Dimond High School Engineering Academy; and several women engineering students who were having fun and doing well with their projects. It was an enjoyable and productive evening. My hope is that these students finish strong and are able to work in Alaska after they graduate.

I attended as a member of the AELS Board and as an Advisory Board member for the UAA College of Engineering.

Volunteer Hours: 2.0

Cost: This was a local Anchorage event that we attended at no cost to the State of Alaska. The State, of course, invests heavily in UA, and wants to produce high-achieving graduates who meet their own goals as well as workforce needs.

2023 CLARB Annual Meeting Report
Prepared by Ed Leonetti
October 16th 2023

The CLARB Annual Meeting was held in Henderson Nevada, September 20-22nd. AELS Executive Administrator Sara Neal, and Board Member Ed Leonetti attended in person. The meeting was an in-person meeting with approximately 120 Members attending. Overall, the experience was valuable and provided opportunities to engage with CLARB and interact with Board Members from other States.

The meeting covered a range of topics and included presentations, breakout sessions, announcing elections results and provided meetings for the CLARB Regions. The discussion topics and breakout sessions covered presentations on the following: Generation “Them” - Managing a Multi-generational work force, strategic planning, building a public understanding of Landscape Architecture, CLARB’s global objectives with the International Federation of Landscape Architects (IFLA), celebrating stem designation for Landscape Architecture, and continuing education.

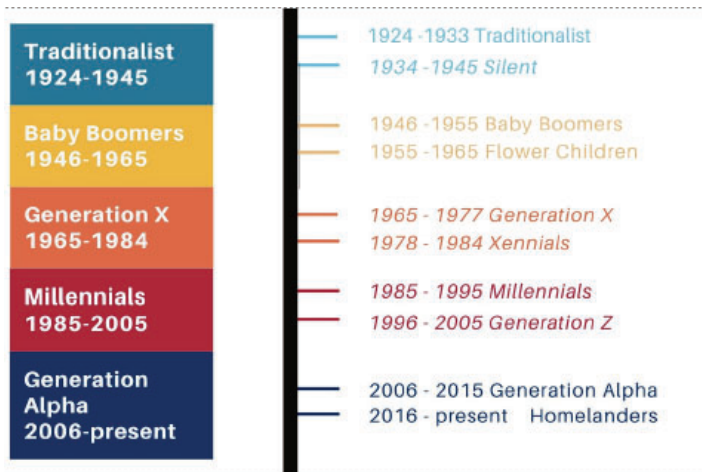
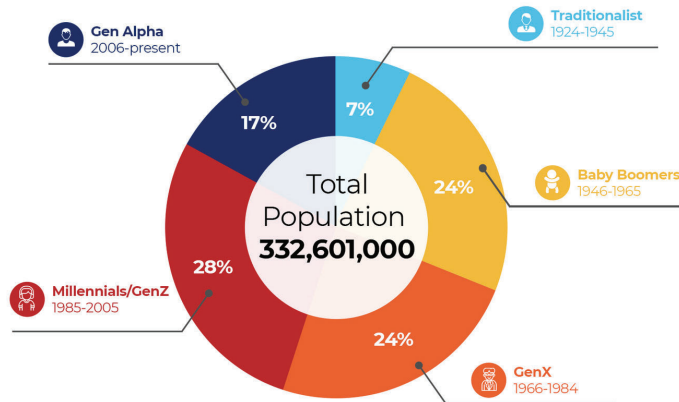
Key take aways from the meeting that are worth noting: Generation “Them”, CLARB’s Global objectives and Stem designation. There was an energetic presentation around the demographics of the Nation and how each different generation works, communicates, and has different expectations for the working environment and the profession (See attachment). Currently 45% of the US population is under the age of 35. CLARB’s Global objectives discussed understanding the profession globally and the results of the Global Job Task Analysis (JTA). Through targeted research, CLARB (in partnership with IFLA) now has a better understanding of who makes up the profession of landscape architecture around the globe and what the global practice of landscape architecture looks like. **Key take away from this is that CLARB and LAAB have a new partnership to meet the growing need of determining international equivalency for meeting licensure requirements in the U.S. and Canada.**

Other notable topics are Landscape architecture Uniform Standard implementation, “What Boards can do Different” and International Practice on regulations. The Uniform Standard is being implemented in a handful of States, Alaska being one of them. What boards can do take aways: Delegate Administrative Authority (then the board has time to do other tasks), enforcement and discipline by being consistent on application rulings, document complaints, have preventive measures vs reactive, and regular review of statutes and regulations. There was also a brief discussion about CEU’s. A takeaway for this is that some Boards have “Legacy” status where a licensee who has more than 25 years of experience doesn’t have to take CEU’s.

Special thank you to the Board for sending Sara to the meeting, it was great to collaborate with her to bring items to discuss at the Board.

The next Annual meeting is scheduled for September of 2024 in Buffalo, NY.

Breakdown of Generations in the US



What can we do to bridge gaps?

- Develop early leader tapping programs
- Let mentors be part of the interview process
- Help employees see a path to growth through hard and soft skill development
- Reward manager success (retention bonus)
- Strong leadership & soft-skills training at every age
- Add younger employees to boards/leadership/decision-making teams

HAVING DIFFERENCES ALLOWS US TO FILL IN GAPS IN OUR OWN GENERATION TO BE A MORE COHESIVE TEAM!

TRADITIONALIST 1925-1945

- Set rules & standards of "good employee."
- Strong need for face-to-face contact.
- Favor disciplinary measures for correction.
- Low risk, especially with money.
- Prefer high formality in clothing, hierarchy, familiarity, and touch.
- Social with friends outside of "work" primarily.

BABY BOOMERS 1946-1964

- Highly competitive due to a large number of peers.
- Job and identity are more closely intertwined.
- Strong sales ability & "presence"
- More likely to want a consequence to disobedience
- Prefers telephone & face to face meetings.
- More wisdom due to years in their area.
- More likely to be loyal to one company.
- Prefer teamwork models for employees.
- More likely to do "management by walking around"
- More established in so less adaptable to new changes.

GENX 1965-1984

- Significantly less competitive and social with co-workers.
- More likely to ask forgiveness than permission.
- Get it done attitude with low feedback needs.
- Prefers email.
- More willing to take risks and own responsibility.
- Prefers independent work models.
- Less likely to fight changes unless they have significant impact on their personal lives.

MILLENNIALS/GenZ 1985 - 2005

- Extremely adaptable to change and eager to be a part of the growth process.
- Millennials are more likely to value purpose, and contribution/ GenZ is more likely to appreciate pay.
- Confusion about competition, the definition of excellence, and self-monitoring
- More risk-averse and less likely to do face-to-face confrontation.
- Prefers text or program management platforms.
- Prefers informality and clear standard setting
- Clear expectations, feedback and task lists are essential.

Outreach Activity Report

Board: AELS

Date & Time of Event: March 8, 2024, 9 to 10 am

Person Reporting: Loren Lemman, P.E.

Attendees: 16 students, 1 professor **Board Members:** 2

Type of Outreach: Presentation on AELS Board function, PE registration, professional development and community service

Board Members Participating: Loren Lemman (retiring) and Colin Maynard (rejoining)

Description of Event: I responded to an invitation from Scott Hamel, P.E., PhD, professor and chair of the civil engineering department at UAA, by agreeing to speak to the senior civil engineering Capstone class on the topic "PE Registration & Public Service in Alaska." Because I had just transitioned off the Board and Colin Maynard was rejoining the Board, I invited Colin to join me. He agreed to do that.

Dr. Hamel knows that we serve on the AELS Board and has asked both of us to participate in this class during previous years. He agreed to adding Colin. Additionally, I have also served on the Community Advisory Board for the UAA College of Engineering for more than 13 years. At my invitation and this Board's concurrence Colin served briefly on this Advisory Board during the past three years.

To prepare for the class Colin and I updated a PowerPoint presentation I used last year, which was borrowed extensively from Colin and Elizabeth Johnston's original work. Although I had originally been asked to speak in early April, Dr. Hamel's associate at UAA, Professor Vinod Vasudevan facilitated a conversation with other speakers to exchange speaking times to accommodate their travel schedules.

This was a local Anchorage event for us and did not generate a cost to the State of Alaska. We hope that four years from now the Board will be reviewing applications from many of these students, which we will consider a worthy return from this investment.

The updated PowerPoint presentation is in the OnBoard Resources folder.

Submitted by,

Loren Lemman
March 13, 2024

Report to AELS Board
April 26, 2024

NCARB held the annual “Regional Summit” in Savannah, GA on February 29 – March 2, 2024. This conference brought together all 55 jurisdictions while having a focus on the business and issues of the six NCARB regions (Alaska is in Region 6). The keynote was presented by George Guida of the Harvard Laboratory Institute on the topic of Artificial Intelligence - how AI is expected to impact architectural practice and the regulation of the design professions. Workshops were held on “Incidental/Overlapping Practice” and “Multiple Pathways to Licensure.” NCARB is continuing to explore both of these topics through committee work and collaboration with other professions.

Region 6’s business meeting reviewed the draft resolutions that are expected to be acted on at the Annual Business Meeting (ABM) in Chicago in June. The resolution that has gotten the most discussion has been the proposal to realign to five regions, rather than the current six. This would address parity across the member boards by equalizing the number of jurisdictions in each region. Currently, region make-up ranges from six board members in Region 1, to thirteen boards in Region 6. Our region also elected new members and officers to the Executive Committee whose terms will begin at the close of the ABM. More information about Region 6 activities can be found on our website, wcarb.com.

Catherine Fritz
Sara Neal