

SPRING 2020

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BULLETIN

Please visit www.bpelsg.ca.gov for any COVID-19 related communications.

FEATURES

3 Examination Statistics

IN EVERY ISSUE

- 1 Message from the Executive Officer
- 2 Board News
- 2 Board Members
- 8 Get to Know Our Licensees
- 10 Legislation and Regulation News and Updates
- 11 Outreach Events
- 15 Enforcement Actions
- 18 In Memoriam
- 19 National Association News
- 19 ASBOG News
- 20 Contact Us
- 22 Board Calendar



Our Spring 2020 *Bulletin* Exam Results Issue

Every spring, the Board for Professional Engineers, Land Surveyors, and Geologists publishes the results of its examinations to provide year-to-year comparisons. This issue features statistical results for the past five years for all California-specific examinations.

The Examination Report begins on page 3.



Message from the Executive Officer

RICHARD B. MOORE, PLS

In the winter 2019 Board *Bulletin*, there was mention of the Board's efforts toward modernizing its operational processes by implementing a new integrated licensing and enforcement case management system. The Board is pleased to announce that in collaboration with the Department of Consumer Affairs Office of System Integration Unit and several of our peer board/bureaus, a software platform to accomplish these goals was selected and onboarding of the vendor is already underway. This modernization will have a significant positive impact for how consumers, applicants, and licensed professionals may connect with the Board in a more meaningful and efficient manner. While there are many facets of the development scheduled to take shape over the remainder of 2020, the efforts will initially focus on foundational functionality such as credit card processing, cashiering, communication with other task-specific systems that are necessary to support future development before quickly transitioning to the offering of online application submittal of Engineer-In-Training and Land Surveyor-In-Training applications, and online submission of complaints. We anticipate providing additional information on this effort in future *Bulletins* as the development progresses.

In recent years, legislative trends across the country reveal an increase of differing opinions related to the continued need for regulatory licensing, or, more specifically, maintaining the historical level of regulatory licensing. Some feel that the regulatory licensing arena has become too much of a hurdle and prohibitive to many seeking careers and recommend reform only to what is necessary. Others argue that traditional licensing models have outgrown the intended usefulness, not properly addressing today's public

(continued on page 2)

Message from the Executive Officer (continued from page 1)

protection needs. While these discussions and efforts have occurred in a very broad sense in most cases, meaning not usually occupation or profession specific, it is understandable that some types of licenses are more susceptible to changes in regulatory oversight.

The National Council of Examiners for Engineers and Surveyors (NCEES) is a founding partner, along with several other national professional organizations, in the Alliance for Responsible Professional Licensing (www.responsiblelicensing.org), which means that each member board of NCEES is kept apprised of the efforts made by the Alliance as it pertains to the mission of the Board. All who are interested in what is happening in respect to these discussions and efforts are encouraged to visit the Alliance's website.

Board News

Superior Accomplishment Award Recipient



Assistant Executive Officer Nancy Eissler, Award Recipient Vicki Kereszt, and Executive Officer Ric Moore.

The Department of Consumer Affairs (DCA) annually selects an individual who provides superior accomplishments and contributions to the DCA. Individuals selected for this award must show outstanding achievement, contribution, unequalled personal effort, process improvement, or method that results in an exceptional contribution to DCA. Vicki Kereszt is the recipient of the DCA's 2019 Superior Accomplishment Award! Vicki has worked for the Board in the Administrative Services Unit since 2007. Her tasks are procurement, billing, facilities management, and training coordination. She has made process improvement efforts in online license

renewal processing, consistently resolves facility management issues, and has been an integral part in our expert consultant contract process, streamlining execution, prompt payment, and renewal. Congratulations, Vicki! We truly appreciate all of your hard work!

Society of Women Engineers (SWE) National Conference

The Society of Women Engineers (SWE) National Conference was held November 7–9 in Anaheim. “WE19”—the world’s largest conference and career fair for women in engineering and technology—brought together more than 14,000 engineers and engineering students to find “what it means to live, learn, and lead as a woman engineer.” Please see more information in the Outreach Report in this *Bulletin*.

BOARD MEMBERS

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Examination Statistics

BPELSG has compiled statistical results for the most recent California examinations in our disciplines, along with historical comparisons of examination results for the previous four years. Visit the BPELSG website at www.bpelsg.ca.gov/applicants/exam_statistics.shtml for more examination statistics.

PROFESSIONAL ENGINEER

		CIVIL ENGINEER SEISMIC PRINCIPLES (CSP)			CIVIL ENGINEER ENGINEERING SURVEYING (CES)		
		Tested	Passed	Pass %	Tested	Passed	Pass %
2015	Spring	1,778	919	52	1,770	764	43
	Fall	1,634	671	41	1,761	889	51
	Total	3,412	1,590	47	3,530	1,653	47
2016	Spring	1,933	1,035	54	1,874	760	41
	Fall	1,695	738	44	1,900	1,013	53
	Total	3,628	1,773	49	3,774	1,773	47
2017	Spring	1,969	1,080	55	1,911	873	46
	Fall	1,626	713	44	1,794	972	54
	Total	3,595	1,793	50	3,705	1,845	50
2018	Spring	1,341	556	41	1,254	485	39
	Fall	1,315	572	43	1,352	607	45
	Total	2,656	1,128	42	2,606	1,092	42
2019	Q1	593	283	48	553	251	45
	Q2	801	405	51	823	385	47
	Q3	715	341	48	695	304	44
	Q4	818	398	49	814	386	47
	Total	2,927	1,427	49	2,885	1,326	46

(continued on page 4)



BULLETIN

Exam Statistics (continued from page 3)

PROFESSIONAL ENGINEER/PROFESSIONAL LAND SURVEYOR

		TRAFFIC ENGINEER (TR)			GEOTECHNICAL ENGINEER (GE)		
		Tested	Passed	Pass %	Tested	Passed	Pass %
2015	Spring	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	71	34	48	104	24	23
	Total	71	34	48	104	24	23
2016	Spring	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	81	31	38	58	22	38
	Total	81	31	38	58	22	38
2017	Spring	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	117	38	32	68	23	22
	Total	117	38	32	68	23	22
2018	Spring	N/A	N/A	N/A	39	13	33
	Fall	77	39	51	35	7	20
	Total	77	39	51	74	20	27
2019	Spring	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	69	36	52	78	30	38
	Total	69	36	52	78	30	38

		PROFESSIONAL LAND SURVEYOR STATE EXAM (PLS)		
		Tested	Passed	Pass %
2015	Spring	193	42	22
	Fall	158	29	18
	Total	351	71	20
2016	Spring	206	43	21
	Fall	167	47	28
	Total	373	90	24
2017	Spring	203	44	22
	Fall	154	34	22
	Total	357	78	22
2018	Spring	129	30	23
	Fall	93	25	27
	Total	222	55	25
2019	Spring	112	40	36
	Fall	81	33	41
	Total	193	73	38

Note: "N/A" indicates that some exams are given only once per year.

Past Examination Results: https://www.bpelsg.ca.gov/applicants/exam_statistics.shtml

(continued on page 5)

Exam Statistics (continued from page 4)

PROFESSIONAL GEOLOGIST EXAMS

		CALIFORNIA SPECIFIC EXAM (CSE)			CERTIFIED ENGINEERING GEOLOGIST (CEG)			CERTIFIED HYDROGEOLOGIST (CHG)		
		Tested	Passed	Pass %	Tested	Passed	Pass %	Tested	Passed	Pass %
2015	Spring	87	25	29	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	82	51	62	49	24	49	18	12	67
	Total	169	76	45	49	24	49	18	12	67
2016	Spring	98	66	67	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	100	57	57	37	23	62	27	21	78
	Total	198	123	62	37	23	62	27	21	78
2017	Spring	103	46	45	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	134	73	54	37	11	30	22	11	50
	Total	237	119	50	37	11	30	22	11	50
2018	Spring	102	47	46	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	137	69	50	45	24	53	33	22	67
	Total	239	116	49	45	24	53	33	22	67
2019	Spring	112	40	36	N/A	N/A	N/A	N/A	N/A	N/A
	Fall	81	33	41	40	29	73	18	11	61
	Total	193	73	38	40	29	73	18	11	61

Note: "N/A" indicates that some exams are given only once per year.

Past Examination Results: https://www.bpelsg.ca.gov/applicants/exam_statistics.pdf

(continued on page 6)



BULLETIN

Exam Statistics (continued from page 5)

PROFESSIONAL GEOPHYSICIST/PROFESSIONAL GEOLOGIST

		PROFESSIONAL GEOPHYSICIST (PGp)			PROFESSIONAL GEOLOGIST ASBOG (PG)			FUNDAMENTALS OF GEOLOGY ASBOG (FG)		
		Tested	Passed	Pass %	Tested	Passed	Pass %	Tested	Passed	Pass %
2015	Spring	N/A	N/A	N/A	49	36	73	38	26	68
	Fall	8	4	50	52	34	65	86	55	64
	Total	8	4	50	101	70	69	124	81	65
2016	Spring	N/A	N/A	N/A	60	46	77	126	86	68
	Fall	9	5	56	78	57	73	100	57	57
	Total	9	5	56	138	103	75	226	143	63
2017	Spring	N/A	N/A	N/A	73	56	77	137	101	74
	Fall	6	5	83	93	73	78	159	117	74
	Total	6	5	83	166	129	78	296	218	74
2018	Spring	N/A	N/A	N/A	61	45	74	105	75	71
	Fall	4	1	25	105	73	70	216	149	69
	Total	4	1	25	166	118	71	321	224	70
2019	Spring	N/A	N/A	N/A	80	61	76	153	108	71
	Fall	3	1	33	89	70	79	209	136	65
	Total	3	1	33	169	131	78	362	244	67

Note: "N/A" indicates that some exams are given only once per year.

Past Examination Results: https://www.bpelsg.ca.gov/applicants/exam_statistics.shtml

(continued on page 7)



Exam Statistics (continued from page 6)

2019 NCEES NATIONAL ENGINEERING/SURVEYING EXAM RESULTS

Note: Results for exams administered in the fourth quarter of the year are not available yet.

	PAPER-AND-PENCIL EXAMS					
	CALIFORNIA			NATIONAL		
	Tested	Passed	Pass %	Tested	Passed	Pass %
Agricultural Engineer	2	0	0	18	12	67
Civil Engineer	4,607	2,167	47	19,647	11,064	56
Control Systems	30	13	43	297	181	61
Electrical Engineer	941	355	38	4,036	1,885	47
Fire Protection	53	32	60	299	142	47
Industrial Engineer	7	7	100	85	72	85
Mechanical Engineer	876	501	57	4,820	3,087	64
Metallurgical Engineer	10	7	70	67	48	72
Petroleum Engineer	N/A	N/A	N/A	N/A	N/A	N/A
Structural Engineer (Lateral)	129	48	37	1,213	409	34
Structural Engineer (Vertical)	125	52	42	1,187	430	36

	COMPUTER-BASED TESTS (CBT)					
	CALIFORNIA			NATIONAL		
	Tested	Passed	Pass %	Tested	Passed	Pass %
Fundamentals of Engineering	5,726	3,171	55	39,582	24,743	63
Fundamentals of Surveying	194	71	37	1,039	420	40
Chemical Engineer	50	34	68	366	229	63
Nuclear Engineer	N/A	N/A	N/A	N/A	N/A	N/A
Practice of Surveying	109	60	55	497	304	61

For results of NCEES exams, please visit the NCEES website:
<https://ncees.org/wp-content/uploads/Squared-2019.pdf>



Get to Know Our Licensees

Nicholas "Nick" Becker, P.E. (Civil), District Principal Engineer, Community Services District, Pebble Beach



Why did you become an engineer?

Ever since my childhood I have been fascinated with understanding how things are constructed. I can recall taking everything apart that I could get my hands on regardless of whether or not I could put it back together. It wasn't before too

long that I became intrigued by the challenge of solving problems, which ultimately led me down the path of pursuing a career in engineering.

What attracted you to your field, and what positions have you held as you advanced your career?

I first cut my teeth in the field of engineering when I was a sophomore in college; I was lucky enough to be hired as a summer intern by Gerardo Calvillo, P.E., S.E., at his Sacramento-based structural engineering firm. Gerardo was a real mentor to me, introducing me to the discipline of structural engineering while providing continuous support and encouragement to pursue a career in engineering. As an intern, I gained an immense appreciation for witnessing a project come alive—going from a design on paper to a physical structure being built. After graduating from college, I relocated to the Monterey Peninsula working as a junior design engineer assisting with the development of structural plans and specifications for many custom built homes throughout Monterey County. Water resource engineering had always been a field that attracted me, and it wasn't before too long that I found myself working for the Monterey County Water Resources Agency (MCWRA) as water resource engineer. I graduated through the ranks at MCWRA and was promoted to a senior water resources engineer assigned to managing and operating the county's water supply reservoirs: Lake Nacimiento and Lake San Antonio. Looking to further develop my engineering career, I took a position with the Pebble Beach Community Services District in 2013. As the district's principal engineer, I was hired to oversee and implement the district's capital program.

Do you have any family members or relatives in your field?

No, but I do have a lot of mentors to thank. Engineering is a tough field to pursue with many milestones and accomplishments along the way. I could not have gotten to where I am at today without the help and encouragement of the many mentors that positively influenced my career: Gerardo Calvillo, P.E., S.E.; Gary Knott, P.E.; Art Werner, P.E.; Phil Dunn, P.E.; Chris Moss, P.E.; Brent Buche; Curtis Weeks, P.E.; Vinod Badani, P.E.; Mike Niccum, P.E.

Where did you attend school (post-high school), and what degrees do you hold?

I graduated from California State University, Chico, in 2002 with a B.S. in civil engineering. Go Wildcats!

What value does your professional license represent to you and how has it helped in your career?

During my senior year at Chico State, it quickly became apparent that the next step in developing my engineering career would be to obtain my professional engineering license. The journey that many of us have experienced is one that requires commitment, perseverance, and sacrifice. Becoming a licensed professional not only validated all of the hard work and countless hours of exam preparation, but it gave me a sense of achievement and responsibility in what it truly means to be a professional engineer. I'll never forget the first business card I got with the letters "P.E." written after my name. Being a professional engineer has opened up a lot of doors for me, allowing me to expand my career into areas that could not be achieved without holding a professional engineering license.

What are your responsibilities and duties in your current position?

As the district engineer for the Pebble Beach Community Services District, I serve in a similar capacity to that of city's public works director. I am responsible for managing the district's engineering and maintenance departments, overseeing the development and implementation of the district's capital improvement program, and serving as program manager for the district's wastewater

(continued on page 9)

Get to Know Our Licensees (continued from page 8)

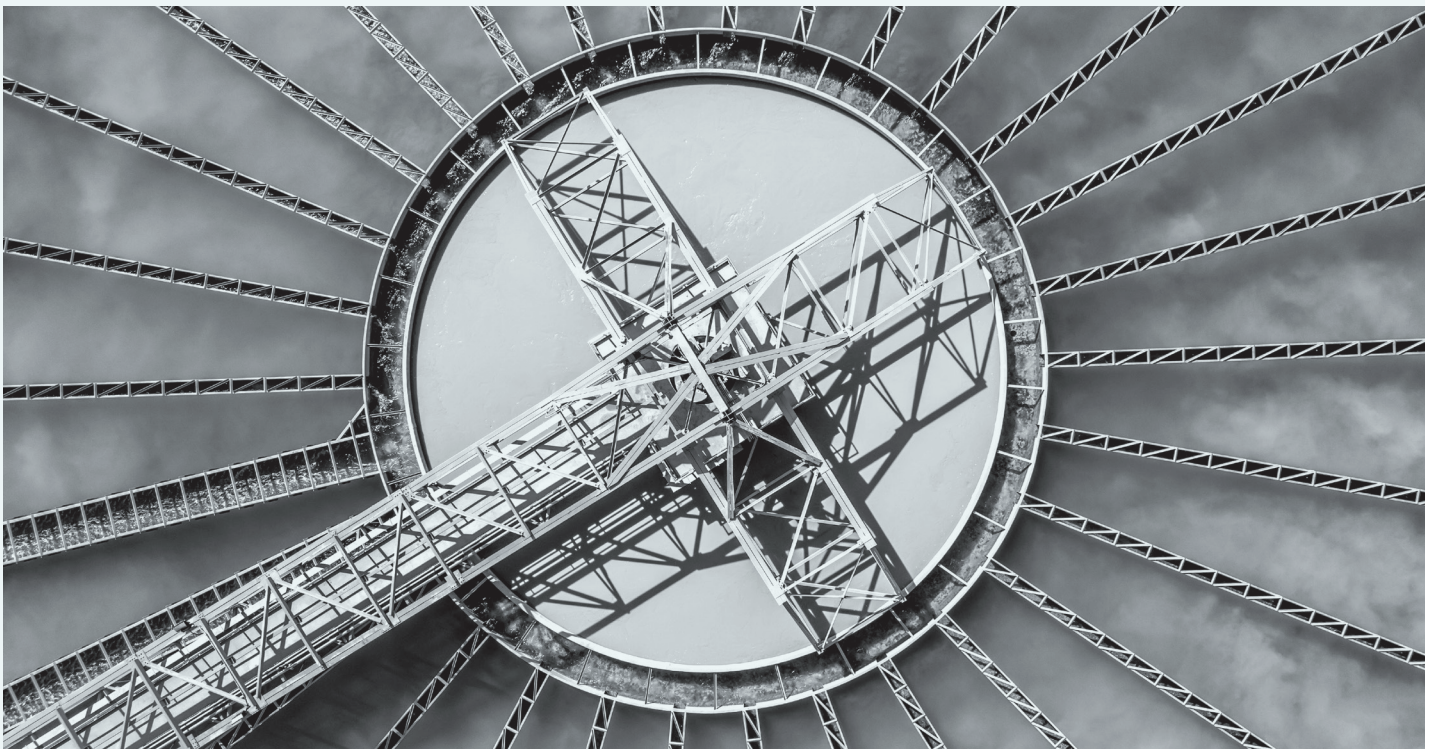
collection system, recycled water distribution system, and undergrounding overhead utilities program, in addition to serving as a technical resource for our Fire Protection and Emergency Medical Services Department.

Regarding the wildfires and the rolling power outages resulting from them affecting your area in California, what are your responsibilities?

My responsibilities during power outages is to sustain normal operations within both our wastewater collection and recycled water distribution systems. We own and operate eight wastewater lift stations. All of them have emergency power supplies to ensure we continue to operate during power outages. In terms of wildfires, I support our Fire Prevention Department by working with our local water purveyor to improve the potable water conveyance system that supplies water to fire hydrants throughout Pebble Beach. Fire prevention benefits have emerged from constructing new underground electrical distribution systems via our Undergrounding Overhead Utilities Program by reducing the risk of wildfire ignition caused by downed powerlines; this is especially beneficial to Pebble Beach, which is a coastal community that resides within the Del Monte Forest.

Briefly discuss the biggest challenges you face as an engineer, specifically noting the changes in your field since graduating from college.

Knowing what you don't know. As engineers, we are constantly tasked with solving problems. No matter how big or small, or how complicated a problem is, they all begin with a set of facts and/or parameters. If you misidentify or leave out a significant parameter at the beginning, you will likely end up with a poor solution or one that is not necessarily the best solution. One of the best tools for solving problems is consulting with your peers. As an engineer, you tend to get involved with many different groups and interact with many different people, especially in solving regional problems. Participating as a member of a team on a successful project can be a very enriching experience, giving you the ability to develop relationships and share experiences with colleagues. Consulting with my peers and drawing from their experiences has always aided me in developing some of the best solutions to some of the toughest problems I have faced as an engineer. Together, we can engineer anything!



Legislation and Regulation News and Updates

Every legislative session, the Board tracks and analyzes bills that potentially impact the Board's operations, the licensed professions the Board regulates, and the statutes that determine that authority. We consistently strive to identify, analyze, and advertise at public Board meetings the bills introduced that may change the landscape of our statutory authority. For more information on upcoming Board meetings and to download meeting materials, go to www.bpelsg.ca.gov/about_us/meetings/index.shtml.

Regulations

All information pertaining to rulemaking proposals can be found on the Board's website: www.bpelsg.ca.gov/about_us/rulemaking.shtml.

Regulatory Proposal on Fee Changes

The Board proposes to amend sections 407, 410, and 3005 and to adopt section 3010 of Divisions 5 and 29 of Title 16 of the California Code of Regulations. This proposal is designed to enable the Board to maintain its licensing, disciplinary, and oversight operations to protect California's consumers, while also ensuring any projected surpluses are within appropriate fund reserve limits. Additionally, the fee structure proposed will set effective policy decisions that foster an affordable path to licensure, align fees with the full cost of operational services, set fees to facilitate the effective administration of the Board, and respond more efficiently to the needs of the public, applicants, and licensees. To be kept apprised of the status of this proposal as it moves through the process, join the Board's email subscriber list at www.dca.ca.gov/webapps/bpelsg/subscribe.php or check the Board's website.



OUTREACH EVENTS: October through December 2019

UNIVERSITY OUTREACH

OCTOBER

October 22: *California Polytechnic State University, Pomona*
GEOLOGY Career Planning: The GIT and the Professional Geologist License presentation to students by Laurie Racca.

October 22: *California State University, Northridge*
Two CIVIL Senior Design Class presentations by Natalie King.

October 23: *California State University, Northridge*
CIVIL Senior Design Class presentation by Natalie King.

NOVEMBER

November 19: *University of the Pacific*
GEOLOGY Career Planning: The GIT and the Professional Geologist License Presentation to students by Laurie Racca.

November 21: *California Polytechnic State University, San Luis Obispo*
Three MECHANICAL Senior Design Class presentations by Mike Donelson.

November 22: *California Polytechnic State University, San Luis Obispo*
CIVIL Introduction to Engineering Class presentation by Natalie King.
CIVIL Senior Design Professional Practices Class presentation by Natalie King.
MECHANICAL Senior Design Project Expo. Attended by Mike Donelson, Natalie King and Brooke Phayer.

DECEMBER

December 4: *San Diego State University*
GEOLOGY Career Planning: The GIT and the Professional Geologist License to students by Laurie Racca.

December 6: *California State University Maritime Academy, Vallejo*
MECHANICAL Introduction to Engineering Class presentation to freshmen by Mike Donelson.

PROFESSIONAL OUTREACH

KEY:

- ASCE** American Society of Civil Engineers
- APWA** American Public Works Association
- CalGeo** California Geotechnical Engineering Association
- SWE** Society of Women Engineers
- YMF** Young Members Forum

OCTOBER

October 22: *Los Angeles*
ASCE YMF chapter meeting presentation by Natalie King.

October 23: *Orange County*
AECOM Office professional licensure presentation by Natalie King.

NOVEMBER

November 7, 8, and 9: *Anaheim*
SWE National Conference attended by Brooke Phayer
(See information on following pages of this report).

November 12: *California State University, Sacramento*
ASCE YMF and CalGeo presentation at Cal State, Sacramento by Natalie King and Mike Donelson.

November 13: *Santa Clara*
SWE presentation by Mike Donelson and Natalie King.

November 21: *San Luis Obispo*
ASCE presentation by Natalie King.

November 21: *San Luis Obispo*
Joint YMF, ASCE & APWA presentation by Natalie King.

CALIFORNIA GOVERNMENTAL AGENCY OUTREACH

NOVEMBER

November 13: *California Department of Conservation, Division of Mine Reclamation, Indian Wells*
The Surface Mining and Reclamation Act (SMARA) workshop about licensing requirements, with Division of Mine Reclamation, by Laurie Racca.

(continued on page 12)

Outreach Events (continued from page 11)

SWE National Conference

The Society of Women Engineers (SWE) National Conference was held November 7–9 in Anaheim. “WE19”—the world’s largest conference and career fair for women in engineering and technology—brought together more than 14,000 engineers and engineering students to find “what it means to live, learn, and lead as a woman engineer.”

The Board was represented by Outreach Coordinator Brooke Phayer, who delivered personalized Board packages addressed to the deans of engineering, engineering department staff, and department chairs of the participating California programs. The packages contained a letter from Executive Officer Ric Moore with appropriate Board contact information for all types of engineering licensure and the promotional pieces appropriate for those licenses.

Participating in WE19 were 11 California colleges and universities with engineering programs:

California Baptist University

California Institute of Technology

Harvey Mudd College

Stanford University

University of California,
Berkeley

University of California,
Irvine

University of California,
Los Angeles

University of California,
Santa Barbara

University of California,
Santa Cruz

University of California,
San Diego

University of Southern California



Overview of event



USC SWE participants



Cal Poly San Luis Obispo participants



UC San Diego Graduate Division participants

(continued on page 13)

Outreach Events (continued from page 12)

Nine National Engineering Associations with Chapters in California

The Board provided a personalized letter of welcome to the following national engineering associations:

American Indian Science and Engineering Society (AISES)

Biomedical Engineering Professional Society

International Council of Systems Engineering (INCOSE)

National Organization of Gay and Lesbian Scientists and Tech. Professionals (NOGLSTP)

National Society of Black Engineers (NSBE)

Out in Science, Technology, Engineering, and Mathematics (oSTEM)

Society of Women Engineers (SWE)

Society of Hispanic Professional Engineers (SHPE)

Society of Asian Scientists and Engineers (SASE)

Three Military Groups

The Board provided letters of welcome to the following military groups:

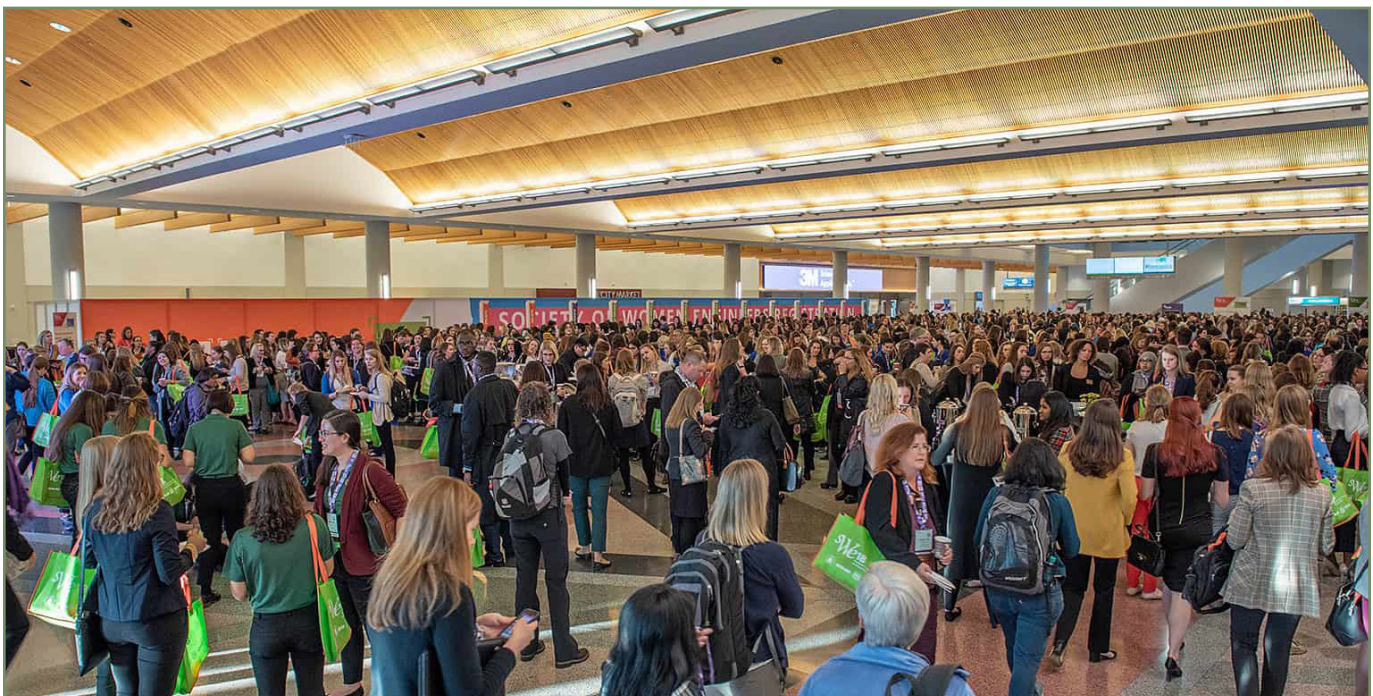
U.S. Navy Civilian Careers

U.S. Army Communications & Electronics Command

U.S. Army Test and Evaluation Command



UC San Diego SWE Chapter representatives



Overall picture of event

(continued on page 14)

Outreach Events (continued from page 13)

Fifty-Three Out-of-State Colleges and Universities with Engineering Programs

The Board provided a personalized letter of welcome to the Deans of Engineering of the following schools, with appropriate Board contact information:

Arizona State University	Johns Hopkins University	Princeton University	University of Illinois
Auburn University	Kansas State University	Purdue University	University of Kansas
Case Western Reserve University	Massachusetts Institute of Technology	Rice University	University of Maryland
Clemson University	University of Missouri	Rochester Institute of Technology	University of Michigan
Colorado School of Mines	New York University	Southern Methodist University	University of Minnesota
Cornell University	North Carolina A&T	Tufts University	University of Missouri
Dartmouth University	North Carolina State University	University of Akron	University of Nebraska
Drexel University	Northeastern University	University of Buffalo	University of New Mexico
Duke University	Northwestern University	University of Chicago	University of Pittsburgh
Florida State University	Norwich University	University of Cincinnati	University of Virginia
Florida International University	Ohio State University	University of Dayton	University of Washington
George Washington University	Penn State University	University of Delaware	University of Wisconsin
Georgia Tech University		University of Florida	Vanderbilt University
Iowa State University			Virginia Polytechnic Institute and State University



American Indian Science and Engineering Society representatives



Overall picture of event

Enforcement Actions

Citations Issued to Licensees: Fiscal Year 2019–20 (October–December)

Citations are issued to licensed engineers, land surveyors, geologists, and geophysicists when the severity of a violation may not warrant suspension or revocation of the licensee’s right to practice. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter, pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to Title 16 of the California Code of Regulations. You can read the laws on the Board’s website, www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the Board’s Enforcement Unit at BPESLG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

Cited Person	Citation No.	Violation Code Section(s)	Date Final	Fine Amount	Status of Fine
BLAIR, ROGER	10679-L	6775(c),(g); 475(c)(11)	11/19/2019	\$3,000	Paid
CANTERBERRY, LARRY	10779-L	8762(c); 8780(g)	10/17/2019	\$1,500	Paid
DYCKMAN, DANIEL	10777-L	6749(a); 6775(c)	12/20/2019	\$250	Paid
FOWLER, LEONARD	10738-L	8759(a)(3),(5); 8780(g)	10/14/2019	\$1,500	Paid
HESS, BRIAN	10797-L	8764(a),(d),(g); 8767; 8780(b)	12/18/2019	\$3,000	
HOCK, FREDERICK	10799-L	6749(a)(5); 6775(d)	12/18/2019	\$1,500	Paid
KAISER, JOHN	10798-L	6775(c)	12/18/2019	\$2,500	
LANTIS, HERALD	10787-L	8761(d); 8762(c); 8767; 8780(b),(d); 404.2(a)	11/21/2019	\$3,500	Paid
LANTIS, HERALD	10786-L	8759(a); 8761(d); 8762(c); 8780(b),(d); 404.2(a)	11/21/2019	\$4,000	Paid
LU, YI	10785-L	6749(a); 6775(h); 411(a)(3)(A)	11/7/2019	\$1,500	Paid
MAYS, JEFFREY	10796-L	8780(b)	12/6/2019	\$1,000	Paid
NELMS, RONALD	10773-L	8776(a); 8780(b); 404.2(a)	12/20/2019	\$750	Paid
PARK, JUNTAE	10789-L	6749(a); 6749(a)(3),(4),(5)	11/22/2019	\$1,000	Paid
PARK, JUNTAE	10788-L	6749(a); 6775(c)	11/22/2019	\$1,000	Paid
ROWLAND, CRAIG	10781-L	6775.2(a)	10/17/2019	\$1,500	
SCHNAKENBERG, GARY	10791-L	8780.2(a)	11/25/2019	\$5,000	
SINGH, JASBIR	10767-L	6749(a)	11/27/2019	\$1,000	Paid

(continued on page 16)

Enforcement Actions (continued from page 15)

Citations Issued to Unlicensed Individuals: Fiscal Year 2019–20 (October–December)

Citations are an alternative to criminal prosecutions that the Board can use to enforce the laws prohibiting the unlicensed practice of engineering, land surveying, geology, and geophysics, or other activities for which a license is required. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to Title 16 of the California Code of Regulations. You can look up the code sections and read the laws on the Board’s website, www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the Board’s Enforcement Unit at BPESLG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

Cited Person	Citation No.	Violation Code Sections	Date Final	Fine Amount	Status Of Fine
ALVAREZ, ENRIQUE	10784-U	6787(a),(g)	11/7/2019	\$2,000	Paid
GONZALEZ, JORGE	10760-U	6787(a),(g)	11/27/2019	\$500	Paid
GONZALEZ, JOSE	10783-U	6787(a); 8792(a)	11/7/2019	\$2,000	Paid
LUKEMAN, MONIQUE	10673-U	6787(a),(g); 7872(a),(g); 8792(a),(i)	10/16/2019	\$9,000	
MOAVENIAN, NADER	10782-U	6787(a),(g)	10/25/2019	\$2,000	
SCATOLONI, G. JOSEPH	10757-U	7872(a),(g)	11/14/2019	\$1,000	Paid
SCHOEFER, STEVE	10792-U	8792(a),(g),(i)	11/25/2019	\$2,500	

(continued on page 17)



Enforcement Actions (continued from page 16)

Formal Administrative Disciplinary Decisions: Fiscal Year 2019–20 (October–December)

A formal disciplinary decision is considered formal administrative disciplinary action against a licensee. It results from the Board’s adoption of a proposed decision prepared by an administrative law judge following a hearing, a stipulated settlement agreement, or a default decision following a full investigation and the filing of an accusation. An accusation is a formal legal document that notifies a licensee of the Board’s charges and allegations of violations against the licensee and that requests a disciplinary order be issued. The licensee is entitled to contest the charges at a formal hearing before an administrative law judge or to agree to a stipulated settlement. A final disciplinary decision contains findings and determinations or statements of advisements, waivers, and culpability and a disciplinary order. If there are findings of violations, the order may include revocation or suspension of the license, a stayed revocation or suspension of the license with a probationary period and terms and conditions of probation, or a public reproof. In the alternative, the decision may find that no violations or violations of a de minimus nature occurred and order the dismissal of the accusation. All final disciplinary decisions are matters of public record. For a copy of the final decision or if you have any questions, you may contact the Board’s Enforcement Unit at BPESG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the respondent and the case number in your request.

Respondent	Case Number	Effective Date	Disciplinary Order
CHAN, MENNOR	1197-A	12/27/2019	Public Reproof
CIREMELE, CHRIS	1188-A	12/27/2019	Revocation, Stayed; Probation
EMBREE, GREG	1189-A	12/27/2019	Revocation, Stayed; Probation
FERNANDEZ, SAMUEL	1200-A	12/27/2019	Public Reproof
FOWLER, MATTHEW	1199-A	12/27/2019	Public Reproof
HEYDARPOUR, EHSAN	1203-A	12/27/2019	Voluntary Surrender of Certificate
MARINAKIS, GEORGE	1210-A	10/31/2019	Public Reproof
PUTNAM, KENNETH	1068-A	12/27/2019	Revocation of License
SANCHEZ, MICHAEL	1193-A	12/27/2019	Voluntary Surrender of License
SEPULVEDA, NOE	1194-A	12/27/2019	Revocation, Stayed; Probation
STILLMAN, FRANK	1185-A	12/27/2019	Public Reproof
SWINTH, RICKARD	1058-A	10/31/2019	Revocation, Stayed; Probation

Enforcement Actions (continued from page 17)

Definitions: Outcomes of Formal Administrative Disciplinary Decisions

Public Reproval: The licensee is sent a letter of public reproval advising him or her of the violations. The letter is a matter of public record, and a copy will be provided upon request. There are no restrictions on the right to practice, nor is the licensee on probation. This action constitutes formal administrative disciplinary action against the license (and is not the same as a citation).

Revocation, Stayed; Probation: The order of revocation of the license has been stayed (put on hold), and the licensee has been placed on probation for a specified period of time with terms and conditions. If probation is successfully completed, the license will be fully restored. If the probation is violated, the board can pursue further action to terminate the stay and impose the order of revocation.

Revoked or Revocation of License: The license is terminated, and the right to practice is ended.

Suspended: The licensee is prohibited from practicing for a specific period of time.

Voluntary Surrender or Surrender of License: The license has been voluntarily returned to the Board, and the right to practice has ended. This action constitutes formal administrative disciplinary action against the license.



In Memoriam

In celebration of the lives and contributions of the following professionals, BPELSG would like to recognize professionals licensed as engineers, land surveyors, or geologists who recently passed away. Below is a list of individuals who have departed October through December 2019. This list may not include all those who have recently passed away as we rely on information from the public, other licensees, and family members. Please contact BPELSG regarding individuals who have recently passed.

Name	License Number	Years of Service
Engineers		
Timothy Michael Bollwerk	M 34180	11
Lawrence Gene Cuaresma	C 41980	32
Roger Stewart Johnston	C 49238	27
Stuart Irving Moore	M 16217	46
Norman Joseph Moriber	CR 1013	36
Hue Nguyen	C 74484	10
Michael James Phillips	C 60088	19
James Arthur Robinson	C 30820	40
Alfredo Perono Sanchez	M 18308	42
Robert Earl Sennett III	C 24049	45
Jennifer Lynn Shedden	C 86533	3
Alan Lloyd Unemori	C 30955	40
Robert Edmund Wherritt	M 15030	48
Geologists		
Robert D. Enz	GEO 5134	28
Land Surveyors		
Douglas Oliver Foster	L 4599	40
Multiple Licenses		
David Max Niese	C 19739, GE 2071	49, 31



National Association News

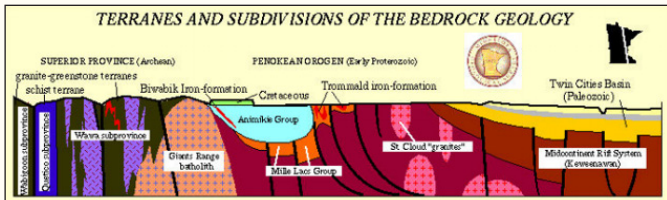


ASBOG ASBOG® News November 3–7, 2019

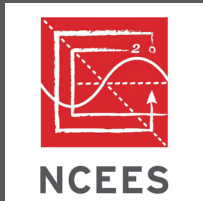
The National Association of State Boards of Geology (ASBOG®) Administrator’s Workshop, Annual Member Board Meeting, and Fall Council of Examiners Meeting were held November 3–7 in Minneapolis.



Left to right: Laurie Racca, P.G.; Betsy Mathieson, P.G., CEG; Ric Moore, PLS.



Executive Officer Ric Moore, PLS, participated in two discussion panels focused on perceived barriers to licensure, sunset strategies, deregulation, computer-based testing, and outreach/collaboration. Geologist Board Member Betsy Mathieson, P.G., CEG, attended as the Board’s official representative authorized to vote during the Annual Member Board Meeting, and to participate in the Council of Examiners Meeting. The Council of Examiners reviewed the results of the national Fundamentals of Geology (FG) and Practice of Geology (PG) licensure examinations administered in fall 2019 and prepared the FG and PG examinations to be administered in spring 2020. Laurie Racca, P.G., the Board’s registrar for geology and geophysics, also attended and participated as the ASBOG® Examination Committee chair.



NCEES is seeking licensed civil engineers to participate in an online survey as part of the professional activities and knowledge study for the PE Civil Exam. This survey will be used to update the specifications for the exam. More information can also be found at www.bpelsg.ca.gov.

BULLETIN

Board Speakers Available

BPELSG continues its efforts to reach out to groups interested in any of the broad array of BPELSG functions. As part of this outreach effort, we have speakers available to present at meetings and events. Speakers include Executive Officer Ric Moore, PLS; Assistant Executive Officer Nancy Eissler; Enforcement Manager Tiffany Criswell; Senior Engineering Registrars Natalie King, P.E., and Mike Donelson, P.E.; Senior Land Surveyor Registrar Dallas Sweeney, PLS; and Senior Geology Registrar Laurie Racca, P.G.

Our Enforcement, Licensing, Examination, and Outreach units all have speakers authorized to represent BPELSG. To request a speaker, we will need the following information: size of group, location, time, length and type of presentation, and proposed subject matter. Appropriate advance notice is always appreciated. Current and former BPELSG members may also appear on BPELSG's behalf, depending on availability.

For more information, contact BPELSG outreach coordinator Brooke Phayer at Brooke.Phayer@dca.ca.gov.

Contact Us

California Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Suite 300, Sacramento, CA 95833

ADMINISTRATION		
Executive Officer	Ric Moore	(916) 263-2222
Assistant Executive Officer	Nancy Eissler	(916) 263-2222
Administration Supervisor	Jeff Alameida	(916) 263-2222
ENFORCEMENT AND COMPLAINTS		(916) 263-2284
FINGERPRINTING		(916) 263-2325
LICENSURE AND CERTIFICATION QUALIFICATIONS OR APPLICATIONS		
EIT(FE), LSIT(FS), GIT(FG) Certifications		(916) 263-2222
PE Licensure Qualifications or Applications		(916) 263-2222
PLS Licensure Qualifications or Applications		(916) 263-2222
All Geologists and Geophysicists		(916) 263-2222
LICENSE RENEWAL	Vicki Kereszt	(916) 263-2268
OUTREACH	Brooke Phayer	brooke.phayer@dca.ca.gov
SENIOR REGISTRARS (FOR PROFESSIONAL LICENSES)		
Engineers (Civil, Structural, Traffic, and Geotechnical)	Natalie King, P.E.	(916) 263-2222
Engineers (Other Than Civil, Structural, Traffic, and Geotechnical)	Michael Donelson, P.E.	(916) 572-2248
Geologists and Geophysicists	Laurie Racca, P.G.	(916) 263-2406
Land Surveyors	Dallas Sweeney, PLS	(916) 263-2271
WEBMASTER	Celina Calderone	(916) 263-2230

BPELSG Subscribers List Reminder

Receiving email notifications regarding meetings, legislation, or e-news from BPELSG couldn't be easier. Simply join our subscribers list on BPELSG's website. You will then be connected to new editions of the *Bulletin*, notified when BPELSG holds meetings, and receive information related to consumers, candidates, or licensees.

Joining the subscribers list can be done in just a few easy steps:

1. Visit BPELSG's website at www.bpelsg.ca.gov.
2. Click on "Subscribe to the Board's Email List" in the "Quick Hits" section.
3. Enter your email address and the specified text or audio link to validate submission of your data.
4. Click on "Submit," then you will receive a confirmation email.



Participate in the Census

Let's ensure all Californians are counted so we can put those resources to good use here at home!



BUILD BETTER ROADS AND SCHOOLS



FUND COMMUNITY PROGRAMS FOR SENIORS, CHILDREN AND FAMILIES



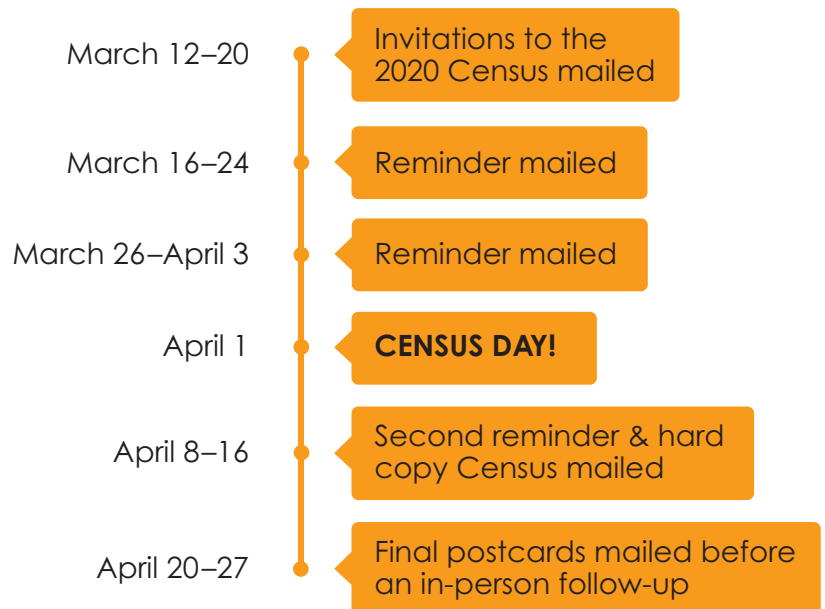
CREATE JOBS



IMPROVE HOUSING

Starting in mid-March 2020, each household will get a letter in the mail. It will explain the different ways you can fill out the Census. If you don't receive a letter, you can still go online or call to fill it out. Be sure you include any person living in your household, family or not.

Key Dates



Three Ways To Complete the Census

ONLINE: For the first time, the Census form will be available to complete online in 13 languages.

PHONE: The Census can be completed by phone in 13 languages.

MAIL: Limited addresses will receive paper forms.

Your 2020 Census data is safe, protected and confidential.



California Board for Professional Engineers,
Land Surveyors, and Geologists
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www.bpelsg.ca.gov

Board Calendar

May

- 5/7-8:** Board Meeting, Ventura
- 5/25:** Memorial Day—Board Office Closed

June

- 6/25-26:** Board Meeting, Los Angeles



Continuous Testing Exams:

CA Civil: Seismic Principles Exam and Engineering Surveying Exam; NCEES PS, Chemical, and FE/FS

SPRING 2020

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS



BULLETIN



Social Media: BPELSG Facebook and Twitter Pages

BPELSG is asking for your help in getting the word out regarding the launch of its Facebook and Twitter pages. BPELSG is now posting information of interest to postsecondary institutions and students on a regular basis. This information includes regulatory changes, updates to our website, interesting articles, useful resources, and a host of other BPELSG-related data.

For those institutions that communicate with students through email or some other means, we invite you to share this information with them. BPELSG is anxious to use these social media outlets as an ongoing way to reach our stakeholders. Thank you for your assistance in spreading the word.

Please take a few minutes to like us on Facebook and follow us on Twitter:

 **Facebook**—www.facebook.com/pages/The-Board-for-Professional-Engineers-Land-Surveyors-and-Geologists/107020752801578

 **Twitter**—twitter.com/CA_Engineers

STATE OF CALIFORNIA

DEPARTMENT OF CONSUMER AFFAIRS

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