

2019 Seismic Design Competition Final Scores

March 4th - 8th, 2019 - Vancouver, B.C.

School	Ineligibilities (IE)	Communication Score (1.5 x Pres. + Post. + Prop.)			Architecture Score		
		Rank	School	Score [%]	Rank	School	Score [%]
Ain Shams University	none	1	University of Toronto	89.7%	1	University of Texas at Austin	100.0%
California Polytechnic State University, San Luis Obispo	none	2	University of California, Berkeley	87.9%	2	University of Connecticut	91.7%
California State University, Long Beach	none	3	Stanford University	86.5%	3	California Polytechnic State University, San Luis Obispo	87.5%
California State Polytechnic University, Pomona	none	4	Cornell University	86.3%	3	University of British Columbia	87.5%
California State University, Los Angeles	none	5	University of British Columbia	86.1%	5	Ain Shams University	83.3%
California State University, Sacramento	none	6	Ain Shams University	86.0%	5	Pontificia Universidad Católica Madre Y Maestra	83.3%
Cornell University	none	7	Virginia Tech	82.5%	5	University of Massachusetts Amherst	83.3%
Dalian University of Technology	none	8	University of Texas at Austin	82.0%	5	University of Memphis	83.3%
Istanbul Technical University	none	9	California State University, Los Angeles	81.4%	9	Cornell University	79.2%
McMaster University	none	10	Technical University of Civil Engineering Bucharest	80.7%	10	Technical University of Civil Engineering Bucharest	77.8%
North Carolina State University	none	11	Pontificia Universidad Católica Madre Y Maestra	80.6%	11	University of California, San Diego	75.0%
Pontificia Universidad Católica Madre Y Maestra	none	12	University of Memphis	79.6%	11	University of Puerto Rico at Mayagüez	75.0%
Portland State University	none	13	University at Buffalo	78.2%	13	University of California, Berkeley	72.2%
Purdue University	none	14	North Carolina State University	76.9%	14	Portland State University	70.8%
San Francisco State University	none	15	University of Puerto Rico at Mayagüez	76.4%	15	Stanford University	69.4%
Stanford University	none	16	University of Southern California	74.9%	16	California State Polytechnic University, Pomona	66.7%
Technical University of Civil Engineering Bucharest	none	17	McMaster University	74.7%	16	California State University, Los Angeles	66.7%
Technical University of Cluj-Napoca	Rule: 4	18	Purdue University	73.5%	16	Universidad de las Fuerzas Armadas ESPE	66.7%
Universidad de las Fuerzas Armadas ESPE	none	19	University of Nevada, Reno	71.1%	16	University of Colorado, Boulder	66.7%
University at Buffalo	none	20	University of Connecticut	68.7%	20	Purdue University	62.5%
University of British Columbia	none	21	Universidad de las Fuerzas Armadas ESPE	68.4%	21	California State University, Sacramento	58.3%
University of California, Berkeley	none	22	University of Massachusetts Amherst	67.8%	21	Dalian University of Technology	58.3%
University of California, Irvine	Rule: 4	23	University of Colorado, Boulder	67.2%	21	McMaster University	58.3%
University of California, Los Angeles	none	24	San Francisco State University	66.3%	24	North Carolina State University	54.2%
University of California, San Diego	none	25	California State University, Long Beach	66.2%	24	University of California, Los Angeles	54.2%
University of Colorado, Boulder	none	26	California State University, Sacramento	64.8%	26	California State University, Long Beach	50.0%
University of Connecticut	none	27	California Polytechnic State University, San Luis Obispo	60.7%	26	Istanbul Technical University	50.0%
University of Massachusetts Amherst	none	28	Istanbul Technical University	59.4%	IE	University of Michigan	50.0%
University of Memphis	none	29	California State Polytechnic University, Pomona	58.0%	IE	University of Nebraska – Lincoln	50.0%
University of Michigan	Rule: 4	30	Dalian University of Technology	55.3%	26	University of Nevada, Reno	50.0%
University of Minnesota Twin Cities	none	31	University of California, Los Angeles	52.2%	26	University of Southern California	50.0%
University of Nebraska – Lincoln	Rule: 4	32	University of California, San Diego	51.8%	26	University of Toronto	50.0%
University of Nevada, Reno	none	33	Portland State University	50.0%	26	Virginia Tech	50.0%
University of Puerto Rico at Mayagüez	none	34	University of Minnesota Twin Cities	37.5%	34	San Francisco State University	47.2%
University of Southern California	none	IE	Technical University of Cluj-Napoca		IE	Technical University of Cluj-Napoca	0.0%
University of Texas at Austin	none	IE	University of California, Irvine		35	University at Buffalo	0.0%
University of Toronto	none	IE	University of Michigan		IE	University of California, Irvine	0.0%
Virginia Tech	none	IE	University of Nebraska – Lincoln		35	University of Minnesota Twin Cities	0.0%

Analysis Predicted Score (APS)			Final Annual Seismic Cost (FASC)			Final Annual Building Income (FABI)		
Rank	School	Tot. Error [%]	Rank	School	Score [\$]	Rank	School	Score [\$]
1	Dalian University of Technology	30.1%	1	Stanford University	\$196,434	1	Stanford University	\$68,768
2	University of California, Berkeley	60.5%	2	University of Memphis	\$237,504	2	University of California, Los Angeles	(\$13,926)
3	California State Polytechnic University, Pomona	77.1%	3	Dalian University of Technology	\$238,927	3	University of Memphis	(\$35,548)
4	University at Buffalo	78.2%	4	University of Minnesota Twin Cities	\$243,580	4	University of California, Berkeley	(\$41,911)
5	Technical University of Civil Engineering Bucharest	79.7%	5	San Francisco State University	\$256,648	5	University of Southern California	(\$51,122)
6	University of California, San Diego	80.3%	6	University of Puerto Rico at Mayagüez	\$257,522	6	California State University, Los Angeles	(\$56,709)
7	University of Southern California	81.4%	7	Ain Shams University	\$262,538	7	University of Toronto	(\$71,584)
8	San Francisco State University	87.3%	8	University of Texas at Austin	\$264,200	8	University of Massachusetts Amherst	(\$76,620)
9	Cornell University	87.4%	9	University of California, Los Angeles	\$264,360	9	California Polytechnic State University, San Luis Obispo	(\$96,271)
10	University of British Columbia	88.3%	10	University of Massachusetts Amherst	\$274,962	10	California State University, Sacramento	(\$98,161)
11	University of Toronto	90.6%	11	California Polytechnic State University, San Luis Obispo	\$276,488	11	University of Minnesota Twin Cities	(\$200,670)
12	University of Texas at Austin	93.4%	12	University of Toronto	\$278,666	12	University of Texas at Austin	(\$264,990)
13	Portland State University	96.5%	13	Purdue University	\$281,040	13	California State University, Long Beach	(\$310,392)
14	Stanford University	98.9%	14	University of California, Berkeley	\$282,554	14	Purdue University	(\$324,709)
15	Virginia Tech	99.0%	15	University of Connecticut	\$283,604	15	Universidad de las Fuerzas Armadas ESPE	(\$331,888)
16	Ain Shams University	100.0%	16	University of California, San Diego	\$285,546	16	San Francisco State University	(\$338,084)
16	California Polytechnic State University, San Luis Obispo	100.0%	17	California State University, Sacramento	\$288,883	17	California State Polytechnic University, Pomona	(\$339,563)
16	California State University, Long Beach	100.0%	18	University of Southern California	\$289,822	18	Portland State University	(\$435,043)
16	California State University, Los Angeles	100.0%	19	University at Buffalo	\$302,628	19	Pontificia Universidad Católica Madre Y Maestra	(\$528,901)
16	California State University, Sacramento	100.0%	20	California State University, Los Angeles	\$304,143	20	North Carolina State University	(\$590,366)
16	Istanbul Technical University	100.0%	21	California State Polytechnic University, Pomona	\$310,278	21	University of Puerto Rico at Mayagüez	(\$626,574)
16	McMaster University	100.0%	22	Portland State University	\$318,380	22	University of Nevada, Reno	(\$641,447)
16	North Carolina State University	100.0%	23	Technical University of Civil Engineering Bucharest	\$327,252	23	Virginia Tech	(\$657,245)
16	Pontificia Universidad Católica Madre Y Maestra	100.0%	24	University of Nevada, Reno	\$338,687	24	McMaster University	(\$664,783)
16	Purdue University	100.0%	25	Pontificia Universidad Católica Madre Y Maestra	\$352,706	25	Dalian University of Technology	(\$706,477)
16	Universidad de las Fuerzas Armadas ESPE	100.0%	26	University of Colorado, Boulder	\$370,798	26	University of Connecticut	(\$887,852)
16	University of California, Los Angeles	100.0%	27	University of British Columbia	\$373,040	27	Istanbul Technical University	(\$1,371,161)
16	University of Colorado, Boulder	100.0%	28	Virginia Tech	\$382,869	28	Ain Shams University	\$13,050
16	University of Connecticut	100.0%	29	Universidad de las Fuerzas Armadas ESPE	\$388,473	29	University of British Columbia	(\$74,557)
16	University of Massachusetts Amherst	100.0%	30	California State University, Long Beach	\$390,117	30	Technical University of Civil Engineering Bucharest	(\$98,237)
16	University of Memphis	100.0%	31	McMaster University	\$409,997	31	University at Buffalo	(\$124,037)
16	University of Minnesota Twin Cities	100.0%	32	Cornell University	\$433,878	32	University of California, San Diego	(\$166,071)
16	University of Nevada, Reno	100.0%	33	North Carolina State University	\$473,711	33	Cornell University	(\$218,670)
16	University of Puerto Rico at Mayagüez	100.0%	34	Istanbul Technical University	\$719,580	34	University of Colorado, Boulder	(\$253,997)
IE	Technical University of Cluj-Napoca		IE	Technical University of Cluj-Napoca		IE	Technical University of Cluj-Napoca	
IE	University of California, Irvine		IE	University of California, Irvine		IE	University of California, Irvine	
IE	University of Michigan		IE	University of Michigan		IE	University of Michigan	
IE	University of Nebraska – Lincoln		IE	University of Nebraska – Lincoln		IE	University of Nebraska – Lincoln	

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