

2017 Seismic Design Competition Final Scores

March 7th - 10th, 2017 - Portland, OR

School	Ineligibilities (IE)
California Polytechnic State University, SLO	none
California State Polytechnic University, Pomona	none
California State University, Los Angeles	none
Cornell University	none
Iowa State University	none
Karadeniz Technical University	none
Lehigh University	none
McMaster University	none
North Carolina State University	none
Pontificia Universidad Católica Madre y Maestra	none
Portland State University	none
Purdue University	none
Rice University	none
Sacramento State University	none
San Francisco State University	none
Stanford University	none
Technical University of Civil Engineering Bucharest	none
Technical University of Cluj-Napoca	none
The State University of New York at Buffalo	none
The University of Memphis	none
University of British Columbia	none
University of California, Berkeley	none
University of California, Los Angeles	none
University of California, San Diego	none
University of Colorado Boulder	none
University of Connecticut	none
University of Massachusetts-Amherst	none
University of Nebraska - Lincoln	none
University of Puerto Rico at Mayagüez	none
University of Southern California	none
University of Texas at Austin	none
University of Toronto	none
Virginia Tech	none

Communication Score (1.5 x Pres. + Post. + Prop.)		
Rank	School	Score [%]
1	Cornell University	93.7%
2	University of California, Berkeley	89.2%
3	Stanford University	88.5%
4	California State Polytechnic University, Pomona	85.8%
5	University of California, San Diego	85.1%
6	The State University of New York at Buffalo	84.1%
7	University of Toronto	83.9%
8	University of British Columbia	82.8%
9	California Polytechnic State University, SLO	82.3%
10	Karadeniz Technical University	79.7%
11	Technical University of Cluj-Napoca	78.2%
12	Rice University	78.1%
13	Purdue University	77.8%
14	University of California, Los Angeles	77.5%
15	North Carolina State University	77.4%
16	University of Colorado Boulder	77.3%
17	Iowa State University	76.9%
18	University of Massachusetts-Amherst	75.4%
19	University of Southern California	73.2%
20	Sacramento State University	72.4%
21	University of Puerto Rico at Mayagüez	72.1%
22	University of Nebraska - Lincoln	70.2%
23	Pontificia Universidad Católica Madre y Maestra	69.2%
24	San Francisco State University	67.9%
25	Lehigh University	67.6%
26	University of Connecticut	67.3%
27	McMaster University	66.9%
28	University of Texas at Austin	65.2%
29	Virginia Tech	64.4%
30	California State University, Los Angeles	64.1%
31	Technical University of Civil Engineering Bucharest	64.1%
32	Portland State University	62.4%
33	The University of Memphis	59.6%

Architecture Score		
Rank	School	Score [%]
1	Karadeniz Technical University	95.8%
2	Rice University	94.4%
3	Technical University of Civil Engineering Bucharest	91.7%
4	University of California, San Diego	87.5%
5	University of California, Berkeley	86.1%
5	University of Colorado Boulder	86.1%
5	University of Massachusetts-Amherst	86.1%
8	Cornell University	85.4%
9	California State Polytechnic University, Pomona	83.3%
10	University of Toronto	81.3%
11	Stanford University	80.6%
12	California Polytechnic State University, SLO	77.8%
12	Purdue University	77.8%
14	California State University, Los Angeles	75.0%
14	Technical University of Cluj-Napoca	75.0%
14	University of Nebraska - Lincoln	75.0%
14	University of Southern California	75.0%
18	Pontificia Universidad Católica Madre y Maestra	72.9%
19	University of California, Los Angeles	72.2%
19	University of Connecticut	72.2%
21	North Carolina State University	70.8%
22	Portland State University	69.4%
22	University of British Columbia	69.4%
24	Lehigh University	64.6%
25	Iowa State University	61.1%
25	University of Puerto Rico at Mayagüez	61.1%
27	Sacramento State University	56.3%
28	The State University of New York at Buffalo	55.6%
29	McMaster University	54.2%
30	San Francisco State University	44.4%
31	Virginia Tech	41.7%
32	The University of Memphis	36.1%
33	University of Texas at Austin	27.8%

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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	University of Puerto Rico at Mayagüez	15.2%	1	San Francisco State University	\$51,617	1	Cornell University	\$783,368
2	University of California, Los Angeles	18.0%	2	University of Puerto Rico at Mayagüez	\$61,850	2	Stanford University	\$770,144
3	University of Toronto	23.5%	3	University of Toronto	\$66,183	3	California State Polytechnic University, Pomona	\$689,216
4	California State Polytechnic University, Pomona	33.5%	4	Iowa State University	\$77,032	4	University of California, Berkeley	\$672,557
5	Technical University of Cluj-Napoca	37.3%	5	The State University of New York at Buffalo	\$81,303	5	Karadeniz Technical University	\$666,628
6	University of Massachusetts-Amherst	44.7%	6	McMaster University	\$83,924	6	Technical University of Cluj-Napoca	\$582,848
7	Portland State University	52.6%	7	Stanford University	\$85,796	7	California Polytechnic State University, SLO	\$514,265
8	Technical University of Civil Engineering Bucharest	52.9%	8	University of California, Berkeley	\$85,990	8	University of Toronto	\$448,593
9	University of British Columbia	53.8%	9	University of California, San Diego	\$95,860	9	University of Puerto Rico at Mayagüez	\$439,419
10	California Polytechnic State University, SLO	61.2%	10	California State Polytechnic University, Pomona	\$97,824	10	The State University of New York at Buffalo	\$430,303
11	Stanford University	68.1%	11	Technical University of Cluj-Napoca	\$103,778	11	University of California, San Diego	\$424,378
12	The State University of New York at Buffalo	73.0%	12	Cornell University	\$107,837	12	Technical University of Civil Engineering Bucharest	\$413,471
13	Karadeniz Technical University	82.1%	13	Karadeniz Technical University	\$115,066	13	University of California, Los Angeles	\$402,546
14	University of Southern California	99.3%	14	California Polytechnic State University, SLO	\$124,106	14	California State University, Los Angeles	\$291,329
15	California State University, Los Angeles	100.0%	15	Purdue University	\$127,641	15	Purdue University	\$279,784
15	Cornell University	100.0%	16	Technical University of Civil Engineering Bucharest	\$138,838	16	University of British Columbia	\$253,132
15	Iowa State University	100.0%	17	California State University, Los Angeles	\$176,008	17	University of Southern California	\$155,573
15	Lehigh University	100.0%	18	University of Southern California	\$177,477	18	University of Massachusetts-Amherst	\$41,291
15	McMaster University	100.0%	19	University of Connecticut	\$185,255	19	University of Connecticut	(\$40,149)
15	North Carolina State University	100.0%	20	University of British Columbia	\$213,916	20	Iowa State University	(\$168,912)
15	Pontificia Universidad Católica Madre y Maestra	100.0%	21	University of Nebraska - Lincoln	\$239,595	21	University of Nebraska - Lincoln	(\$171,228)
15	Purdue University	100.0%	22	University of California, Los Angeles	\$269,082	22	McMaster University	(\$179,899)
15	Rice University	100.0%	23	Sacramento State University	\$361,093	23	San Francisco State University	(\$187,805)
15	Sacramento State University	100.0%	24	University of Texas at Austin	\$445,670	24	North Carolina State University	(\$208,595)
15	San Francisco State University	100.0%	25	University of Massachusetts-Amherst	\$469,502	25	Sacramento State University	(\$332,155)
15	The University of Memphis	100.0%	26	Portland State University	\$578,818	26	Rice University	(\$337,397)
15	University of California, Berkeley	100.0%	27	Virginia Tech	\$607,250	27	Portland State University	(\$542,504)
15	University of California, San Diego	100.0%	28	North Carolina State University	\$657,319	28	University of Texas at Austin	(\$847,264)
15	University of Colorado Boulder	100.0%	29	Rice University	\$869,224	29	The University of Memphis	(\$1,006,492)
15	University of Connecticut	100.0%	30	The University of Memphis	\$1,046,274	30	<i>University of Colorado Boulder</i>	(\$1,679,282)
15	University of Nebraska - Lincoln	100.0%	31	University of Colorado Boulder	\$2,184,512	31	<i>Virginia Tech</i>	(\$1,891,288)
15	University of Texas at Austin	100.0%	32	Lehigh University	\$2,437,279	32	<i>Pontificia Universidad Católica Madre y Maestra</i>	(\$2,821,908)
15	Virginia Tech	100.0%	33	Pontificia Universidad Católica Madre y Maestra	\$2,674,091	33	<i>Lehigh University</i>	(\$3,442,365)

Italicized = Collapsed



