

OVERALL

Student Chapter	Overall			Business Meeting	Resumes
	Rank	Points		Attendance	
California Polytechnic State University, San Luis Obsispo	1	1960.90		TRUE	5
University of California, Los Angeles	2	1625.23		TRUE	10
California State Polytechnic University, Pomona	3	1543.53		TRUE	8
University of Hawai'i, Manoa	4	1457.68		TRUE	0
California State University, Long Beach	5	1316.14		TRUE	8
University of California, Irvine	6	1099.45		TRUE	8
University of Southern California	7	1049.20		TRUE	10
San Diego State University	8	1019.97		TRUE	10
University of California, San Diego	9	847.65		TRUE	9
California State University, Fullerton	10	758.55		TRUE	10
California State University, Northridge	11	755.61		TRUE	9
California State University, Los Angeles	12	743.33		TRUE	9
California Baptist University	13	608.43		TRUE	10
Loyola Marymount University	N	N		FALSE	0

Points allocated to each placing were determined proportionally to the number of schools participating in each competition. Attending the business meeting and participating in the student symposium paper competition are eligibility requirements.

OVERALL: SOCIETY WIDE TECHNICAL COMPETITIONS

Student Chapter	Society-Wide Technical Competitions									
	ASCE Concrete Canoe		ASCE/AISC Student Steel Bridge		ASCE Sustainable Solutions		ASCE UESI Surveying		Timber-Strong Design-Build	
	Rank	Points	Rank	Points	Rank	Points	Rank	Points	Rank	Points
California Polytechnic State University, San Luis Obsispo	1	200.00	4	150.00	1	200.00	2	181.82	1	200.00
University of California, Los Angeles	7	90.91	8	83.33	2	160.00	3	163.64	3	169.23
California State Polytechnic University, Pomona	5	127.27	2	183.33	5	40.00	1	200.00	5	138.46
University of Hawai'i, Manoa	2	181.82	6	116.67	4	80.00	8	72.73	6	123.08
California State University, Long Beach	11	18.18	10	50.00	3	120.00	5	127.27	4	153.85
University of California, Irvine	N	0.00	9	66.67	N	0.00	6	109.09	2	184.62
University of Southern California	6	109.09	5	133.33	N	0.00	N	0.00	10	61.54
San Diego State University	3	163.64	12	16.67	N	0.00	4	145.45	11	46.15
University of California, San Diego	4	145.45	1	200.00	N	0.00	N	0.00	7	107.69
California State University, Fullerton	N	0.00		DQ	N	0.00	11	18.18	9	76.92
California State University, Northridge	10	36.36	3	166.67	N	0.00	9	54.55	8	92.31
California State University, Los Angeles	9	54.55	7	100.00	N	0.00	N	0.00	N	0.00
California Baptist University	8	72.73	11	33.33	N	0.00	10	36.36	12	30.77
Loyola Marymount University	N	0.00	N	0.00	N	0.00	7	90.91	13	15.38

Points allocated to each placing for overall symposium winner were determined proportionally to the number of schools participating in each competition. For example, if 4 schools participated in a 200 points competition, points given to each following rank after first decrease by 50 points (200 points/4 teams).

i.e. First place = 200 points, Second place = 150 points, Third place = 100 points, Fourth place = 50 points.

OVERALL: LOCAL TECHNICAL COMPETITIONS

Student Chapter	Regional Technical Competitions									
	Technical Paper		Environmental		Transportation		GeoWall		Prestressed Concrete Beam	
	Rank	Points	Rank	Points	Rank	Points	Rank	Points	Rank	Points
California Polytechnic State University, San Luis Obsispo	2	139.29	2	136.36	5	90.00	7	60.00	1	150.00
University of California, Los Angeles	1	150.00	1	150.00	2	135.00	6	75.00	N	0.00
California State Polytechnic University, Pomona	4	117.86	7	68.18	4	105.00	4	105.00	N	0.00
University of Hawai'i, Manoa	3	129.00	6	81.82	7	60.00	5	90.00	3	75.00
California State University, Long Beach	5	107.14	8	54.55	8	45.00	3	120.00	2	112.50
University of California, Irvine	8	75.00	4	109.09	1	150.00		DQ	N	0.00
University of Southern California	6	96.43	10	27.27	6	75.00	2	135.00	N	0.00
San Diego State University	14	10.71	5	95.45	3	120.00		DQ	N	0.00
University of California, San Diego	7	85.71	N	0.00	N	0.00	N	0.00	N	0.00
California State University, Fullerton	10	53.57	9	40.91	9	30.00	1	150.00	N	0.00
California State University, Northridge	9	64.29	11	13.64	N	0.00	9	30.00	N	0.00
California State University, Los Angeles	12	32.14	3	122.73	N	0.00	8	45.00	N	0.00
California Baptist University	13	21.43	N	0.00	10	15.00	N	0.00	4	37.50
Loyola Marymount University	11	42.86	N	0.00	N	0.00	10	15.00	N	0.00

Points allocated to each placing were determined proportionally to the number of schools participating in each competition. For example, if 4 schools participated in a 150 points competition, first place would receive 150 points, followed by 2nd place with 112.5 points, 3rd with 75 points, and 4th place with 37.5 points.

OVERALL: NON-TECHNICAL COMPETITIONS

Non-Technical Competitions										
Student Chapter	Ulu Maika		Moa Pahe'e		HukiHuki		Basketball		Soccer	
	Rank	Points	Rank	Points	Rank	Points	Rank	Points	Rank	Points
California Polytechnic State University, San Luis Obsispo	5	34.62	5	33.33	3	42.86	1	50.00	5	35.71
University of California, Los Angeles	5	34.62	1	50.00	4	39.29	1	50.00	6	32.14
California State Polytechnic University, Pomona	2	46.15	2	45.83	1	50.00	4	39.29	5	35.71
University of Hawai'i, Manoa	6	30.77	3	41.67	5	35.71	2	46.43	6	32.14
California State University, Long Beach	6	30.77	5	33.33	2	46.43	4	39.29	4	39.29
University of California, Irvine	5	34.62	4	37.50	4	39.29	2	46.43	6	32.14
University of Southern California	3	42.31	4	37.50	5	35.71	3	42.86	2	46.43
San Diego State University	4	38.46	3	41.67	5	35.71	4	39.29	1	50.00
University of California, San Diego	1	50.00	N	N	4	39.29	4	39.29	5	35.71
California State University, Fullerton	6	30.77	4	37.50	4	39.29	4	39.29	3	42.86
California State University, Northridge	6	30.77	5	33.33	5	35.71	4	39.29	5	35.71
California State University, Los Angeles	5	34.62	4	37.50	3	42.86	3	42.86	6	32.14
California Baptist University	6	30.77	5	33.33	5	35.71	3	42.86	6	32.14
Loyola Marymount University	N	N	N	N	5	35.71	3	42.86	6	32.14

Non-Technical Competitions												
Student Chapter	Kickball		Ultimate Frisbee		Dodgeball		Volleyball		Kan Jam		Scavenger Hunt	
	Rank	Points	Rank	Points	Rank	Points	Rank	Points	Rank	Points	Rank	Points
California Polytechnic State University, San Luis Obsispo	1	50.00	4	38.46	4	39.29	1	50.00	5	33.33	2	45.83
University of California, Los Angeles	3	42.31	4	38.46	3	42.86	4	39.29	6	29.17	1	50.00
California State Polytechnic University, Pomona	2	46.15	3	42.31	4	39.29	3	42.86	6	29.17	3	41.67
University of Hawai'i, Manoa	5	34.62	3	42.31	1	50.00	2	46.43	3	41.67	2	45.83
California State University, Long Beach	4	38.46	2	46.15	4	39.29	6	32.14	5	33.33	6	29.17
University of California, Irvine	4	38.46	4	38.46	5	35.71	5	35.71	1	50.00	9	16.67
University of Southern California	5	34.62	5	34.62	3	42.86	6	32.14	6	29.17	5	33.33
San Diego State University	5	34.62	1	50.00	2	46.43	5	35.71	5	33.33	9	16.67
University of California, San Diego	4	38.46	5	34.62	5	35.71	5	35.71	N	N	N	N
California State University, Fullerton	5	34.62	4	38.46	5	35.71	6	32.14	4	37.50	8	20.83
California State University, Northridge	4	38.46	N	N	5	35.71	6	32.14	N	N	9	16.67
California State University, Los Angeles	3	42.31	5	34.62	5	35.71	6	32.14	6	29.17	7	25.00
California Baptist University	5	34.62	5	34.62	4	39.29	6	32.14	2	45.83	4	37.50
Loyola Marymount University	N	N	5	34.62	5	35.71	6	32.14	6	29.17	N	N

ASCE CONCRETE CANOE

PSWS Concrete Canoe – Final Summary		
Rank	School Name	Points
1	California Polytechnic State University, San Luis Obispo	96.4
2	University of Hawaii at Manoa	76.0
3	San Diego State University	74.0
4	University of California, San Diego	63.1
5	California Polytechnic State University, Pomona	57.7
6	University of Southern California	55.5
7	University of California, Los Angeles	43.0
8	California Baptist University	32.4
9	California State University, Los Angeles	17.0
10	California State University, Northridge	16.3
11	California State University, Long Beach	13.5
12	California State University, Fullerton	0
13	University of California, Irvine	0



Student Steel Bridge Competition - Category Ranking

Competition:	Pacific Southwest
Location:	Honolulu, Hawaii
Date:	Saturday, April 6, 2024
Die Roll Result:	3

Not Ranked

Full Name	Ineligibility	Reason
California Baptist University	None	
University of California, Los Angeles	None	
University of Southern California	None	
California State University, Fullerton	10.8.2	Construction Time Limit Exceeded. 45 minutes
University of California, San Diego	None	
California State University, Long Beach	None	
California State University, Northridge	None	
San Diego State University	None	
University of Hawaii at Manoa	None	
California State Polytechnic University, San Luis Obispo	None	
California State Polytechnic University, Pomona	None	
University of California, Irvine	None	
California State University, Los Angeles	None	

Construction Speed

Full Name	Time (minutes)	Rank
California Baptist University	187.25	11
University of California, Los Angeles	30.53	7
University of Southern California	19.67	5
California State University, Fullerton	9999.00	NR
University of California, San Diego	15.12	3
California State University, Long Beach	186.50	10
California State University, Northridge	17.02	4
San Diego State University	259.00	12
University of Hawaii at Manoa	35.87	9
California State Polytechnic University, San Luis Obispo	11.83	2
California State Polytechnic University, Pomona	11.55	1
University of California, Irvine	21.72	6
California State University, Los Angeles	31.53	8

Lightness

Full Name	Weight (lbs)	Rank
California Baptist University	918.1	11
University of California, Los Angeles	302.6	8
University of Southern California	218.0	2
California State University, Fullerton	0.0	NR
University of California, San Diego	277.4	6
California State University, Long Beach	187.1	1
California State University, Northridge	268.8	5
San Diego State University	1231.4	12
University of Hawaii at Manoa	251.8	4
California State Polytechnic University, San Luis Obispo	300.3	7

California State Polytechnic University, Pomona	239.1	3
University of California, Irvine	321.4	9
California State University, Los Angeles	577.0	10

Aesthetics

Full Name	Score	Rank
California Baptist University	5.40	12
University of California, Los Angeles	13.40	3
University of Southern California	13.40	2
California State University, Fullerton	8.80	11
University of California, San Diego	12.20	5
California State University, Long Beach	12.60	4
California State University, Northridge	9.40	10
San Diego State University	4.80	13
University of Hawaii at Manoa	14.20	1
California State Polytechnic University, San Luis Obispo	11.80	6
California State Polytechnic University, Pomona	9.80	9
University of California, Irvine	11.20	7
California State University, Los Angeles	11.00	8

Stiffness

Full Name	Agg D (in)	Rank
California Baptist University	10.00	11
University of California, Los Angeles	1.56	6
University of Southern California	2.05	8
California State University, Fullerton	0.00	NR
University of California, San Diego	0.69	1
California State University, Long Beach	10.00	9
California State University, Northridge	0.76	3
San Diego State University	10.00	12
University of Hawaii at Manoa	0.72	2
California State Polytechnic University, San Luis Obispo	1.62	7
California State Polytechnic University, Pomona	1.10	4
University of California, Irvine	10.00	10
California State University, Los Angeles	1.33	5

Cost Estimate

Full Name	Estimate	Rank
California Baptist University	\$ 204,487,235.80	11
University of California, Los Angeles	\$ 24,721,203.32	8
University of Southern California	\$ 2,808,277.06	3
California State University, Fullerton	\$ 8,021,308,880.00	NR
University of California, San Diego	\$ 624,108.25	1

California State University, Long Beach	\$ 166,663,291.13	10
California State University, Northridge	\$ 5,227,684.48	6
San Diego State University	\$ 222,592,737.36	12
University of Hawaii at Manoa	\$ 3,113,996.57	4
California State Polytechnic University, San Luis Obispo	\$ 3,493,460.79	5
California State Polytechnic University, Pomona	\$ 1,639,338.84	2
University of California, Irvine	\$ 61,897,599.95	9
California State University, Los Angeles	\$ 8,115,830.70	7

Economy

Full Name	Cc	Rank
California Baptist University	\$ 150,712,500.00	11
University of California, Los Angeles	\$ 23,053,083.33	9
University of Southern California	\$ 13,889,166.67	6
California State University, Fullerton	\$ 8,049,195,000.00	NR
University of California, San Diego	\$ 5,144,000.00	1
California State University, Long Beach	\$ 129,825,000.00	10
California State University, Northridge	\$ 9,211,500.00	4
San Diego State University	\$ 189,350,000.00	12
University of Hawaii at Manoa	\$ 21,102,666.67	8
California State Polytechnic University, San Luis Obispo	\$ 6,397,916.67	3
California State Polytechnic University, Pomona	\$ 5,260,500.00	2
University of California, Irvine	\$ 13,359,666.67	5
California State University, Los Angeles	\$ 20,666,833.33	7

Efficiency

Full Name	Cs	Rank
California Baptist University	\$ 63,774,735.80	11
University of California, Los Angeles	\$ 8,308,763.98	5
University of Southern California	\$ 9,174,110.39	8
California State University, Fullerton	\$ 0.00	NR
University of California, San Diego	\$ 4,331,304.75	2
California State University, Long Beach	\$ 60,829,851.13	9
California State University, Northridge	\$ 4,516,184.48	3
San Diego State University	\$ 65,758,191.36	12
University of Hawaii at Manoa	\$ 4,176,738.90	1
California State Polytechnic University, San Luis Obispo	\$ 8,518,990.13	7
California State Polytechnic University, Pomona	\$ 5,570,161.16	4
University of California, Irvine	\$ 62,103,204.29	10
California State University, Los Angeles	\$ 8,458,380.97	6

Overall

Full Name	Cc + Cs	Rank
California Baptist University	\$ 214,487,235.80	11
University of California, Los Angeles	\$ 31,361,847.32	8

University of Southern California	\$ 23,063,277.06	5
California State University, Fullerton	\$ 8,049,195,000.00	NR
University of California, San Diego	\$ 9,475,304.75	1
California State University, Long Beach	\$ 190,654,851.13	10
California State University, Northridge	\$ 13,727,684.48	3
San Diego State University	\$ 255,108,191.36	12
University of Hawaii at Manoa	\$ 25,279,405.57	6
California State Polytechnic University, San Luis Obispo	\$ 14,916,906.79	4
California State Polytechnic University, Pomona	\$ 10,830,661.16	2
University of California, Irvine	\$ 75,462,870.95	9
California State University, Los Angeles	\$ 29,125,214.30	7

ASCE SUSTAINABLE SOLUTIONS



Waterfront Revitalization 2024

Pacific Southwest Student Symposium

Hosted by University of Hawaii-Manoa

April 4-6, 2024

Head Judge: Roger Babcock

Final Results

School	Rank
Cal Poly San Luis Obispo	1
Univ of CA, Los Angeles	2
Cal State Long Beach	3
Univ of Hawaii Manoa	4
Cal Poly Pomona	5

Design Proposal

School	Rank
CPSLO	1
UCLA	2
CSULB	3
UHM	4
CPP	5

Sustainability

School	Rank
CPSLO	1
UCLA	2
CSULB	3
UHM	4
CPP	5

ASCE UESI SURVEYING

School Information			Penalties	Topo	Presentation	Pacing	Leveling	Stakeout	Sewer	Total Time	Total	Overall
Code	Course	School Name	Compliance	100	50	100	100	100	100	225 Max	550	Rank
ASCE 1	Varies	California Baptist University	-40	19.00	27.00	90.00	40.00	40.00	45.00	1131.60	221.00	10
ASCE 2	Varies	California Polytechnic State University, San Luis Obispo	0	66.00	48.33	80.00	95.00	90.00	65.00	211.77	444.33	2
ASCE 3	Varies	California State Polytechnic University, Pomona	0	85.00	49.00	95.00	95.00	40.00	95.00	197.43	459.00	1
ASCE 4	Varies	California State University, Fullerton	0	39.00	0.00	20.00	60.00	40.00	50.00	242.83	209.00	11
ASCE 5	Varies	California State University, Long Beach	-30	45.00	44.33	90.00	70.00	95.00	60.00	174.38	374.33	5
ASCE 6	Varies	California State University, Northridge	-10	40.00	32.67	60.00	100.00	40.00	70.00	202.84	332.67	9
ASCE 7	Varies	Loyola Marymount University	0	50.00	40.33	90.00	100.00	40.00	40.00	3360.53	360.33	7
ASCE 8	Varies	San Diego State University	-10	63.00	45.67	50.00	85.00	100.00	90.00	146.46	423.67	4
ASCE 9	Varies	University of California, Irvine	0	66.00	43.33	95.00	70.00	40.00	55.00	293.23	369.33	6
ASCE 10	Varies	University of California, Los Angeles	0	61.00	47.00	95.00	100.00	40.00	100.00	196.77	443.00	3
ASCE 11	Varies	University of Hawaii, Manoa	0	62.00	44.33	50.00	70.00	40.00	75.00	157.39	341.33	8

TIMBER-STRONG DESIGN-BUILD

CP Pomona	CP SLO	CBU	CSU Fullerton	CSU LB	CSU Northridge	LMU	SDSU	UC Irvine	UCLA	UCSD	UH Manoa	USC
74.5	93.6	51.3	63.3	86.1	63.8	43.6	32.1	103	104	85.6	86.6	76.5
130	126	47.5	84.7	134	99.2	63.9	54.3	128	119	101	114	81.8
10	7.5	6.13	7	9.75	5.5	0.25	4	9.75	9.75	5	10	9.25
83	123	48	100	71.5	90.8	21	95	85	87.5	97	85	73.5
297.58	349.46	152.88	254.92	301.13	259.17	128.79	185.38	326.04	320.08	288.54	295.79	241.04
5	1	12	9	4	8	13	11	2	3	7	6	10

TECHNICAL PAPER

Student Chapter	Score	Rank
UCSD	81.0	7
CSULA	71.7	12
CPSLO	92.0	2
LMU	72.7	11
USC	85.7	6
CSUN	76.3	9
CPP	90.0	4
UHM	90.7	3
SDSU	69.0	14
CSUF	73.0	10
UCI	80.0	8
CBU	70.7	13
CSULB	88.7	5
UCLA	94.3	1

ENVIRONMENTAL

School	Design Report	Construction	Aesthetics	Presentation	System Performance	Total	Rank
CPP	38.2	34	4	21.5	22.8	120.48	7
CPSLO	39.2	32	5	25	37.7	138.89	2
CSUF	27.8	30	3	20.5	25.7	106.95	9
CSULA	41.4	35	3	24.5	28.5	132.40	3
CSULB	38.6	24	2	18	29.7	112.33	8
CSUN	33.8	33	3	21	0	90.80	11
SDSU	42.6	30	3	23.5	26.0	125.06	5
UCI	40.8	33	4	25	24.5	127.33	4
UCLA	46	32	5	24	34.4	141.43	1
UHM	45	33	5	23	14.8	120.81	6
USC	39.4	18	3	20	17.6	98.01	10

TRANSPORTATION

Description	Max Points	School										
		CBU	CPP	CPSLO	CSUF	CSULB	SDSU	UCI	UCLA	UHM	USC	
Project Report												
Title Page	Project name, consultant team name, university name, "Pacific Southwest Student Symposium 2024", and publish date	5	3.75	3.75	5	4	5	5	4	3.75	3.75	4.25
Acknowledgements and Table of Contents	Acknowledgements list team contributors and Table of Contents	5	5	5	5	5	5	5	5	5	5	5
Section 1. Project Overview	Consultant understands scope and purpose of project	20	18.75	17.75	20	18.25	14.5	19.25	18.25	20	16.25	18.25
Section 2. Existing Conditions	Consultant understands existing conditions	10	9.25	8.25	9	9	7	8.75	9	9.25	9.5	9.5
Section 3. Alternatives Assessment	Consultant understands the benefits and challenges, and applies with good engineering judgement	50	12.5	35	28.5	36.25	34.5	40.75	46.25	47	31.25	40.75
	Consultant provides recommendation of a preferred alternative with appropriate justification	25	17.75	21.75	20.75	5.5	0	17.75	22.5	22.75	19	19.5
Section 4. Environmental Review	Consultant understands environmental setting, required documentation, etc.	10	7.25	8.5	8.25	2.75	4.25	7	8	9.25	2.5	7.25
Appendix 1. Conceptual Design Drawings	Engineering border on all drawings	5	4	5	2.25	4.25	4.75	5	5	5	4.75	4.5
	Consultant presents proposed improvements in a clear fashion	15	6	11.75	13	6	6.5	13	13.75	12	4.75	9
	Consultant presents project constraints in a clear fashion	10	2.75	3.75	4.5	2	3.25	5	7.5	5	3.5	3
Appendix 2. Magnitude of Cost	Organized and clear	5	4.25	5	5	4.5	5	4.75	5	5	4	4.75
	Basis for estimates is clear	5	2.75	3	3.75	2	3	2.75	2.75	4.5	2	1.5
	Costs make sense with proposed improvements	10	5	7.75	9	9.25	9.25	8.5	9.5	7.25	6.25	8.5
Public Outreach Presentation												
Poster	Clarity and ease of understanding for the general public	20	11.5	8	12.5	9.75	11.25	14.5	16	17.5	12	7.75
Presentation	Persuasiveness and quality of presentation content	20	12.75	16	16.75	14	13.5	13.25	16.75	18.25	13.5	12.25
	General poise of the team members, participation of all team	10	7.5	8.75	8	8.5	6.5	6.75	8.25	8.5	6.75	6.75
Penalties												
Diversity	Failure to include underclassmen or gender diversity	100	0	0	0	0	0	0	0	0	0	0
Formatting Errors	Report or poster (5 points each infraction)	5(each)	0	0	5	5	0	0	0	0	0	0
Late Submission	Report	20	0	0	20	0	0	0	0	0	0	20
	Poster	5	0	0	0	0	0	0	0	0	0	0
Required Events	Failure to attend	3	0	0	0	3	0	0	0	3	3	0
TOTALS												
SCORE		225	130.75	169	146.25	133	133.25	177	197.5	197	141.75	142.5
RANK		-	10	4	5	9	8	3	1	2	7	6

GEOWALL

Chapter	Design Report	Presentation	Reinforcement Mass Score	Total # of minor deductions	Total # of major deductions	Exceeded Time	Deflection Rating*	Catastrophic Failure (Y/N)	Score	Rank
CSULA	38.3	17.2	12.92	1	0	1	0	N	237.3	8
CSUF	45.8	20.8	16.43	1	0	1	0	N	301.05	1
USC	45.6	21	15.055	1	0	0	0	N	282.425	2
CSULB	45	21	17.525	1	1	1	0	N	276.875	3
SDSU	41.7	21	13.34				0	Y	DQ	DQ
UCI	32.9	20.6	12.55				0	Y	DQ	DQ
LMU	0	12.6	6.675	1	0	0	0	N	102.725	10
CPSLO	40.9	18.4	12.51	0	0	0	0	N	246.95	7
CPP	6.8	17	16.755	0	0	0	0	N	275.125	4
CSUN	14.1	15.9	15.025	1	0	25	0	N	195.375	9
UHM	33.8	17.6	13.985	0	0	0	0	N	261.175	5
UCLA	45.4	20.4	13.315	1	0	0	0	N	255.525	6

*Deflection Rating has been omitted due to judging error

PRESTRESSED CONCRETE BEAM

Chapter	Rank
CPSLO	1
CSULB	2
UHM	3
CBU	4