



SoCal ARML

History from 2002 to 2019

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In the 18 years of the Southern California team, 2002-2019, 949 students have participated from 137 distinct schools (or homeschooled). But this isn't 949 separate students - it's counting by "person-years" so, for instance, Benjamin Chen counts as 6 and Nathan Kim as 5. Of those 949, 6 were from San Diego in 2004-2005 before the current San Diego team got started, 3 were from New Mexico (before there was a New Mexico or Wild Wild West team) and 8 were from other organizations borrowed on site to fill out teams. That leaves 932 person-years.

Let's sort that by school attended and count how many have come from each school (there is a total 62 schools on this list):

161 from University (Irvine)	62 from Troy
58 from Dos Pueblos (Goleta)	45 from Beckman
27 from North Hollywood	25 from Arcadia
24 from Oxford Academy	24 from Palos Verdes Peninsula HS
23 from San Marino	22 had been homeschooled
22 from Long Beach Poly	22 from Whitney
20 from Mark Keppel	19 from CAMS
17 from Northwood	13 from South Torrance
13 from Woodbridge	12 from Irvine
12 from Rancho San Joaquin MS	12 from Sage Hill
11 from Diamond Bar	11 from St. Margaret's
11 from West Torrance	10 from Jeffrey Trail MS
9 from Portola HS (Irvine)	8 from Gahr
7 from Harvard-Westlake	7 from Polytechnic School (Pasadena)
6 from Los Alamitos	6 from Suzanne MS
5 from Corona Del Mar	5 from J. Serra Catholic HS
5 from St. Marks	4 from Aliso Niguel
4 from Mira Costa	4 from Orange County School of the Arts
4 from Palos Verdes HS	4 from Sunny Hills

3 from Cate School
3 from Chaparral MS
3 from Fairmont
3 from Francisco Bravo Medical Magnet
3 from Orchard Hills MS
3 from Valencia (Yorba Linda)
2 from Calle Mayor MS
2 from Christian
2 from De Portola MS
2 from Manhattan Beach MS
2 from Ocean View (Huntington Beach)
2 from Santa Margarita

3 from Cerritos
3 from Cypress
3 from First Avenue MS (Arcadia)
3 from La Cañada
3 from Redondo Union
3 from Walnut
2 from Chadwick
2 from Claremont
2 from El Rancho (Pico Rivera)
2 from Margaret Landell ES
2 from Ridgecrest Intermediate
2 from Sierra Canyon

Some 76 schools that have only ever contributed one individual (although that individual may have participated in multiple years):

Agoura Hills, Beverly Hills, Bert-Lynn MS, Brea Olinda, Cabrillo (Long Beach), Canyon Hills JHS, CIS Academy, Cloverly ES, Costa Mesa, Crean Lutheran, Crescenta Valley, Damien, Eagle Rock, F.A. Miller MS, Foothill (Anaheim), Fountain Valley, Glendora, Harbor Day, Hughes MS (Long Beach), Huntington Beach, J.W. North (Riverside), Intellectual Virtues Academy, Kennedy (Anaheim), Kraemer MS, La Colina JHS (Goleta), Ladera Ranch MS, University HS (LA), King (Riverside), Magnolia Science Academy (Santa Ana), Marlborough, Milken Community, Millikan (Long Beach), Mirman, Mission Viejo, Newbury Park, North Hollywood, Northwood, Palos Verdes Intermediate, Parks JHS, Parkview, Placerita JHS, Portola MS, Quartz Hill, Rancho San Joaquin, Redwood MS, Rowland, Eleanor Roosevelt HS, San Marcos (Santa Barbara), Santa Barbara HS, Science Academy STEM magnet, Simi Valley, South Hills, South Lake MS, South Pasadena, South Pasadena MS, South Pointe MS, St. Bonaventure, Stockdale, Sycamore Canyon MS, Tarbut V'Torah, Temple City, Tesoro, Travis Ranch MS, Turtle Rock ES, UCLA Community School, Valencia, Van Damme Academy, Villa Park, Villanova Prep, Vista (which really belongs to San Diego), Vista Verde MS, The Webb Schools, West Ranch, Western (Anaheim), Westlake, Westridge, and Yorba Linda.

And now for the year by year history of the Southern California team.
The team names used:

2002: Southern California
2003: Southern California A, B
2004: Southern California A, B, C
2005: Southern California A, B, C
2006: Southern California A, B, C

2007: Southern California A, B, C
 2008: Southern California A, B, C, Gamma
 2009: Southern California A1, A2, B1, B2
 2010: Southern California A1, A2, B1, B2
 2011: Southern California A1, A2, A3, A4
 2012: Southern California A1, A2, A3, A4
 2013: Southern California A1, A2, A3, A4
 2014: Southern California A1, A2, A3, A4
 2015: Southern California A1, A2, A3, A4
 2016: Southern California A1, A2, A3; Las Vegas Alternate*
 2017: Southern California A1, A2, A3, A4
 2018: Southern California A1, A2, A3, A4, A5
 2019: Southern California A1, A2, A3, A4

*Note: Although a team was originally entered in 2016 as SoCal B1, in the end 11 SoCal students joined with 3 (very young) San Diego students to create what was officially an alternate team. Since it was mostly ours, I will go ahead and tally its results below.

The table below shows the nation-wide ranks of these teams. I've listed them as "1st," "2nd," "3rd" and "4th" based on the order of overall ranks, regardless of the team name. (On at least one occasion, the rank order was different than the nominal order.)

Year	1st	2nd	3rd	4th	5th
2002	19				
2003	19	35			
2004	17	48	77		
2005	13	51.5	82		
2006	14	59.5	99.5		
2007	16	31.5	85.5		
2008	5	25.5	77	79	
2009	6	26	76.5	98.5	
2010	2	43.5	58	89.5	
2011	11	49	69	116	
2012	12	36	52.5	94.5	
2013	9.5	35.5	46	128	
2014	5	39	61	98	
2015	3	47.5	86.5	130	
2016	7	37	67	80	
2017	16	31	77.5	103	
2018	14	40	73	83	118.5
2019	25	47	73	103	

In addition, for a number of years SoCal ARML has participated and did well in the Power Round, a separately counted portion of the ARML competition. Twice a year, in the fall and in the spring, a set of problems is sent to us to wrangle with. Problems are related to the same mathematical idea and solutions include performing computations, finding counterexamples, and writing proofs. Up to the year 2019, SoCal ARML was registering as “Long Beach Math Circle” for the Power Round competition.

The table below contains the nation-wide place that we won in the Power Round competition.

Year	Place
2007-2008	4.5
2008-2009	1
2009-2010	>10
2010-2011	>10
2011-2012	2
2012-2013	2.5
2013-2014	9
2014-2015	9
2015-2016	2
2016-2017	1
2017-2018	8
2018-2019	2