

Humboldt County Science Fair Winners, 2006-Present			
Year	Student Name	Grade/School	Title of Project
2006	Pavlina Crowley	Kneeland	Water Quality across the US
2007	Jennie Kaplan-Woodson	8 th ; Sunny Brae MS	Baywatch
2008	Piper Bazard	5 th ; Freshwater	Drains to the Bay
2009	Tanner Doan	6 th ; Blue Lake ES	Oil Spill
2010	Ryan Thomas	7 th ; Laurel Tree LC	Water Quality of Little River, Moonstone Beach, as Reflected in Bacterial Counts
2011	Jacob Ireland (1 st)	5 th ; Arcata ES	Environmental Chemistry: Phytoremediation of Copper by Water Plants
	Keaton Sullivan (2 nd)	Garfield	Treating Wastewater with Floating vs Rooted Marsh
2012	Mitchell Monge	8 th ; St Mary's	Effect of Water Salinity on Freshwater Plants
2013	Alia Issa	8 th ; McKinleyville MS	Swimming in Acid
2014	Nigella Mahal Baur (1 st)	7 th ; Sunny Brae MS	Feed Me Sea...More: Effect of Tides on Nutrients in Humboldt Bay
	Zane Taylor (2 nd)	7 th ; Pacific Union	Benthic Macroinvertebrates as Indicators of Watershed Health
2015	Perrin Turney (1 st)	9 th ; Six Rivers Charter HS	Death by Salt: an experiment to test the salinity tolerance of microorganisms at the Arcata Marsh
	Nigella Baur (2 nd)	8 th ; Sunny Brae MS	Can the Number of Birds Be a Predictor of Coliform Levels in the Arcata Marsh?
2016	Vivian Gerstein (1 st)	7 th ; Jacoby Creek	Climate Change & Oysters: Does water temperature affect oyster feeding rates?
	Perrin Turney (2 nd)	10 th ; Six Rivers Charter HS	The Effect of Water Pollution on Microorganisms at the Arcata Marsh

2017	Zoe Andre (1 st)	8 th ; Sunny Brae MS	Living Shorelines to Mitigate Sea Level Rise
	Sophia Thoele (2 nd)	8 th ; Jacoby Creek	Is Dune Movement Affected by Drought?
2018	Zoe Macknicki (1 st)	7 th ; Kneeland Elementary	Effects of Parking Lot Runoff on Two Species (Daphnia and Cyclops)
	Perrin Turney (2 nd)	12 th ; Six Rivers Charter HS	Effects of Acidification on Freshwater Microorganisms
2019	Sean Coontz (1 st)	7 th ; Jacoby Creek	Which Wastewater Treatment Plant Discharges More Microfibers into Humboldt Bay?
	Caley Miller (2 nd)	8 th ; Kneeland Elementary	Salinity Tolerance of Freshwater Algae at the Arcata Marsh
	Charlotte Brands & Stella Pepper (3 rd)	6 th ; Pacific Union	It All Flows to the Ocean
2021	Anya Seiler (1 st)	6 th ; Jacoby Creek	Small Plastics, Big Problem
	Jackson Zagone (1 st)	8 th ; Jacoby Creek	Looking for Microplastics in Humboldt Bay Oysters
2022	Genevieve Caruso (1 st)	8 th ; Jacoby Creek	Benthic Macroinvertebrates in Jacoby Creek
	Amalia Baugh (2 nd)	7 th ; Freshwater Middle S	Oysters Unshelled: The Effects of Ocean Acidification on Oysters in Humboldt Bay
	Aubrey Lloyd (3 rd)	6 th ; Kneeland Elementary	Arcata Marsh Freshwater Amphipods Tolerance to Environmental Acidification
2023	Nova Garwood (1 st)	6 th ; Jacoby Creek	Dog Scat Pollution on HumCo Trails
	Sol Buwalda-Coradines (2 nd)	5 th ; Fuente Nueva Charter	Sorbent Solutions (Oil Spill Mop-up Materials Testing)
	Kiera Melder (3 rd)	5 th ; Fuente Nueva Charter	Macroinvertebrates in Jacoby Creek
	Alexandra Morris (special award)	11 th ; Arcata High	Removing Oil from Bay Water

2024	Kai McDonald (1 st)	10 th ; Arcata High	Do Urchins Concentrate Heavy Metals, Making Them Unsafe to Eat?
	Aubrey Lloyd (2 nd)	8 th ; Freshwater	Effects of Fertilizer Runoff on Freshwater Amphipods
	Nathan Bareilles (3 rd)	8 th ; Jacoby Creek	Mycelium Remediation
2025	Lela Caruso (1 st)	7 th ; Jacoby Creek	Temperature and Dissolved Oxygen
	Paul Hawkins (2 nd)	8 th ; Jacoby Creek	Biological Purification of Water