

SATURDAY, MARCH 7, 2020

EXPO DAY

You can also view map online at lovestemsd.org

San Diego
FESTIVAL OF
SCIENCE &
ENGINEERING



PRESENTED BY

illumina[®]
FOUNDATION

STAGE SCHEDULE

A ILLUMINA FOUNDATION STAGE

- 10:30 AM STEM Concert by Music Notes
- 10:45 AM Mad Science- Spin Pop Boom!
- 11:45 AM The Ms. Smarty-Plants™ Cools the Climate
- 12:30 PM Don't Try This at Home! by Fleet Science Center
- 1:15 PM STEM Concert by Music Notes
- 1:45 PM Reptile Behavioral Training Demonstration by Ecovivarium
- 2:45 PM From Vacuums to Volcanoes - Nature's Drive to Mix It Up! by General Atomics
- 3:15 PM Walk For Water with PCI (Project Concern International)

B FUTURE INNOVATORS DUGOUT STAGE TED-Ed Student Talks from Cajon Valley Union School District

- 11:00 AM Realistic Talks & Performances
- 11:45 AM Investigative Talks & Performances
- 12:30 PM Artist Talks & Performances with Music Notes
- 1:15 PM Social Talks & Performances
- 2:00 PM Enterprising Talks & Performances
- 2:45 PM Conventional Talks & Performances

WOMEN IN STEAM

Celebrate Women In STEAM with **San Diego County Office of Education** all throughout the park! Visit each information booth to learn about famous women in STEAM then receive some inspirational goodies to celebrate all month long!

ALL OVER SAN DIEGO COUNTY
STEM WEEK
MARCH 7TH-15TH



The League of Extraordianry Scientists & Engineers

SCIENCE-ING CHATS

at The Compass
Premiere Club

- 10:30 AM

Extremophile ExplorING in Antarctica: If they can make it there, can they make it anywhere?
Angela Zoumplis | Extremophile Explorer at The Scripps Institution of Oceanography
- 11:00 AM

Nanotech & YOU: Biological Applications of Nano & Engineering Light with Nanomaterials
Kimberly Walthall | Senior Scientist. nanoComposix
Dr. Tom Darlington | Chief Scientist. nanoComposix
- 11:30 AM

Meet Microscopic Diatoms: Charismatic Phytoplankton at the Base of Ocean Food Webs
Dr. Sarah Smith
- 12:00 PM

Biologically Inspired Cyber Defense
Dr. Sunny Fugate | Senior Research Scientist at the Naval Information Warfare Center
- 12:30 PM

What Can We Learn from A Worm: Decision-Making & the Microbiome
Dr. Molly A. Matty (AKA DR. DNA) | Postdoctoral Fellow at Salk Institute

- 1:00 PM

Tiny Yet MIGHTY! The Outside Role of Viruses in the Global Ecosystem
Dr. Lisa Ziegler Allen | J. Craig Venter Institute & Scripps Institution of Oceanography
- 1:30 PM

Postdoctoral Scholar Working on the @SimonsObs to Learn about the Origins of the Universe
Dr. Nicholas Galitzki | Cosmologist @UCSDcosmology
- 2:00 PM

Genomics & Ocean Phytoplankton
Dr. Andy E. Allen | J. Craig Venter Institute
- 2:30 PM

Climate Change: A Chat about Climate Change, Ocean Acidification, and the Future
Dr. Alyssa Griffen
- 3:00 PM

Engineering A New Perspective on Diversity
Jasmine Sadler | MBA Engineer

FOR A FULL LISTING OF STEM WEEK EVENTS, PLEASE VISIT [LOVESTEMSD.ORG](https://lovestemsd.org)

EXHIBITORS

LOCATION KEY

HP: Home Plate
LF: Left Field

OP: Compass Premier
P: Park at the Park

PA: Power Alley
PB: Park Blvd

PC: Palm Court
SD: Sun Deck

WM: Western Metal

OP10	ABC 10News	RF10	Hands-On Technology Education	OP6	Point Loma Nazarene University	HP11	Solar Turbines
RF4	Airgas	PC8	Heron Therapeutics	P39	Pure Water San Diego	LF9	Southwest High School Biomedical Pathway (Good Vibrations)
LF6	Algae Academy	P70	Hologic	P78	Qualcomm Incorporated	PC1	SYSTRA IBT
HP4	American Chemical Society - Student Affiliates at UCSD	PB11	iD Tech	PB8	Qualcomm Incorporated	p40	TaylorMade Golf Company
P17	American Heart Association	P86	Illumina Foundation	PC3	Qualcomm Incorporated	P8	The San Diego River Park Foundation
OP4	American Physical Therapy Association	RF5	Leidos	P83	Quidel Corporation	RF17	Thermo Fisher Scientific
PB2	Art of Problem Solving Academy	P41	Lilly	RF15	Robolink	P9	Think Blue San Diego
LF1	ASML	P60	LiveWell San Diego	PA10	Roosevelt Middle School Gateways to Technology and MESA Crew	P64	TriLink BioTechnologies/ Maravai LifeSciences
P74	Association for Women in Science (AWIS)	WM7	LiveWell San Diego	RF19	Russian School of Mathematics	LF13	TritonCubed at UCSD
Premier Club	BAE Systems	P11	Mad Science of San Diego	P49	Salk Institute Education Outreach	P6	UC San Diego Biomedical Engineering Society
P16	BD	RF30	Magnolia Science Academy San Diego	RF25	Sally Ride Science @ UC San Diego	OP3	UCSD Center for Healthy Eating and Activity Research
PA7	Biodiesel & Algal Studies Group	RF28	Magnolia Science Academy San Diego	RF2	San Diego Air & Space Museum	P4	UCSD Department of Bioengineering
HP6	Biotix	P54	Mathnasium	PC13	San Diego Blood Bank	LF4	UCSD Neurosciences Outreach
PC11	Birch Aquarium at Scripps	PB6	Mechanical Advantage	P28	San Diego Children’s Discovery Museum	LF18	UCSD Physics
Premier Club	Boz Institute Open Lab	PA17	MetaCoders & ThoughtSTEM	P52	San Diego County Credit Union	LF20	UCSD Scientista and Graduate/ Undergraduate bioinformatics council (GBIC/UBIC)
P37	BP	P34	MilliporeSigma	P67	San Diego County Office of Education	LF14	UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences
PB10	C&S Companies	HP10	MiraCosta College	RF13	San Diego Mesa College	WM4	University of San Diego STEMWoW and STEAM Academy
RF1	Cajon Valley Union School District	P15	Mitchell International	PB3	San Diego Mesa College	P58	Univision Radio San Diego
P66	City of San Diego, Public Utilities Department	P32	My Gym Children’s Fitness Center	RF26	San Diego Model Railroad Museum	HP5	U.S. Army Recruiting, Southern California
PC5	Cubic	WM3	NASA’s Space Communications & Navigation Program at NASA Glenn Research Center	P63	San Diego Public Library	HP1	Vertex
WM6	DRS Daylight Solutions	RF22	National Park Service - Cabrillo National Monument	P43	Sanford Burnham Prebys Medical Discovery Institute	P56	Viasat
LF10	e2 Young Engineers SDC	LF17	National University	P30	Science Delivered	P21	Zovargo
LF8	e3 Civic High	HP14	NDIA San Diego Chapter	PB1	Scripps Research		
PA11	EcoVivarium	P36	Neurocrine Biosciences, Inc.	PA3	SDAALAS - San Diego branch of the American Association of Laboratory Animal Science		
PA2	Elementary Institute of Science	PB13	New School of Architecture & Design	RF7	STEM Ecosystem		
RF20	Eurofins	P46	Northrop Grumman	LF16	SDSU Center for Autism		
HP7	Ferring	PC2	Olympian High School	LF11	Society of Asian Scientist and Engineers		
P57	Fleet Science Center	P65	Pai Technology, Inc.	LF12	Society of Women Engineers		
OP9	Frontier Water Systems, LLC	PC12	Patrick Henry High School	WM1	Solana Beach School District - STREAM Program		
P75	General Atomics Energy/Fusion	OP2	PCI (Project Concern International)				
P45	General Dynamics NASSCO	RF23	Pfizer Inc				
HP18	Gossamer Bio						

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