

SATURDAY, MARCH 7, 2020

# EXPO DAY

You can also view map online at [lovestemsd.org](http://lovestemsd.org)



PRESENTED BY

**illuminA**<sup>®</sup>  
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

Extra Credit forms and participation stamps available at all information booths



The League of Extraordinary 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](http://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	P88 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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