

SATURDAY, MARCH 7, 2020

EXPO DAY

You can also view map online at lovestemsd.org



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

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

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

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| 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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