

SATURDAY, MARCH 2, 2019

EXPO DAY

You can also view map online at lovestemsd.org



Directions provided by

NEWSCHOOL OF ARCHITECTURE & DESIGN

Come visit our booth today at PA1!

ALL OVER SAN DIEGO COUNTY
STEM WEEK
MARCH 2ND-10TH

PRESENTED BY **illumina** FOUNDATION

STAGE SCHEDULE

A ILLUMINA FOUNDATION STAGE

- 10:30 AM Music Notes Math Concert by Music Notes
- 10:45 AM Movie Special F/X by Mad Science
- 11:40 AM Zovargo - ZOOper Hero Animals
- 12:20 PM Ms. Smarty-Plants™ Cools the Climate
- 12:55 PM From Vacuums to Volcanoes
- natures drive to mix it up! by General Atomics
- 1:30 PM Music Notes Math Concert by Music Notes
- 1:50 PM Gizmos & Gadgets Kids Lab STEAM Show
- 2:25 PM Ecovivarium- Amazing World of Reptiles
- 3:20 PM Don't Try This at Home!
by Reuben H. Fleet Science Center

B NEWSCHOOL OF ARCHITECTURE & DESIGN DUGOUT STAGE

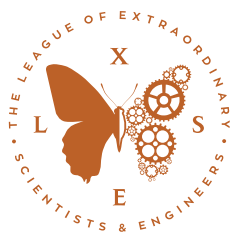
- 11:00 AM Music Notes Math Concert by Music Notes
- 11:15 AM Elementary Chorus to sing
National Anthem
- 11:20 AM TEDxKids@ElCajon
- 12:00 PM TEDxKids@ElCajon
- 12:40 PM Middle School Poem
- 12:45 PM TEDxKids@ElCajon
- 1:30 PM TEDxKids@ElCajon
- 2:15 PM Music Notes Math Concert by Music Notes
- 2:30 PM TEDxKids@ElCajon

TEDxKids@ElCajon will showcase the passion and potential of our youth! Organized by the Cajon Valley Union School District, students will be provided a unique platform to share their ideas throughout the day on our Dugout Stage.

EXTRA CREDIT CHALLENGE

E Pick up a worksheet at the Extra Credit Booth or any information booth. Collect stamps at booths located at: P4, P5, RF10, LF14, LF20, LF4, and LF18 then proceed to a fireside chat in the Draft restaurant to complete your form. Bring your form to the extra credit booth, located at HP18, to receive a prize!

Brought to you by: **UC San Diego**
JACOBS SCHOOL OF ENGINEERING



The League of Extraordinary Scientists & Engineers

FIRESIDE CHATS

at The Draft by Ballast Point

FIRE PIT 1		FIRE PIT 2	
11:00 AM	Alyssa J. Griffin, Ph.D. Candidate Scripps Institute of Oceanography Double Trouble: An Introduction to Climate Change and Ocean Acidification	10:30 AM	Lavar J. Watkins Learning Knowledge Worldwide, LLC Obtain a greater awareness and prep for a STEM career path by "UPSKILLING."
12:00 PM	Jasmine Sadler, MBA Engineer The STEAM Collaborative In a visually unbalanced career field, Jasmine artistically engineers a new perspective on diversity.	11:30 AM	Dr. Sarah Smith, Staff Scientist J. Craig Venter Institute Diverse Diatoms – Meet microscopic diatoms with charismatic phytoplankton at the base of ocean food webs.
1:00 PM	Dr. Tom Darlington, VP Operations, Chief Scientist nanoComposix Engineering Light with Nanomaterials	12:30 PM	Dr. Lisa Zeigler Allen, Virologist J. Craig Venter Institute Viral infections aren't always a bad thing. How do viral infections or marine microbes play a positive role in maintaining a healthy and stable ecosystem?
2:00 PM	Angela Zoumplis, Extremophile Explorer Scripps Institute of Oceanography Life in the Antarctic Desert	1:30 PM	Lindsay Ng Lowry, UCSD Graduate Student in Cosmology – Simons Array CMB Experiment Building ground-based telescopes in the Atacama Desert to study the early universe
3:00 PM	Dr. Sunny Fugate, Senior Research Scientist SPAWAR Biologically Inspired Cyber Defense: Immunizing Computer Systems Using Protective Unpredictability and Defensive Deception	2:30 PM	Dr. Andy E. Allen, Biologist J. Craig Venter Institute Genomics & Phytoplankton –Recent advances in using genomics to understand phytoplankton metabolism and the ocean carbon cycle.
3:30 PM	Dr. Greg Rouse, Invertebrate Zoologist Scripps Institute of Oceanography Recent discoveries of deep-sea animals		

EXHIBITORS

LOCATION KEY

HP: Home Plate
LF: Left Field

OP: Omni Premier
P: Park at the Park

PA: Power Alley
PB: Park Blvd

PC: Palm Court
SD: Sun Deck

WM: Western Metal

OP10 ABC10 News
OP8 Academy of Our Lady of Peace
HP14 American Chemical Society
- San Diego Local Section
RF20 American Heart Association
OP3 American Institute of Aeronautics
and Astronautics (AIAA)
P83 AoPS Academy
LF1 ASML
P8 Association for Women in Science
San Diego Chapter
PA7 Biodiesel & Algal Studies Group
LF12 BioEASI (Biology Education and Art
for Science Innovation)
PC11 Birch Aquarium at Scripps Institution
of Oceanography
P44 Boz Institute
RF22 Cabrillo National Monument
PB8 Cajon Valley Union School District
P14 California Space Grant Consortium (CaSGC)
P66 City of San Diego - Public Utilities Department
P42 City of San Diego Public Utilities Department,
Pure Water Program
PC1 Code Ninjas
WM5 Coding With Kids
P7 Collins Aerospace
PB12 Compass Charter Schools
PC2 Corning Life Sciences
P58 Cox Communications
PC5 Cubic
RF5 DRS Daylight Solutions
PA11 EcoVivarium
PA17 EL CAPITAN HIGH SCHOOL MAPS Team
PA2 Elementary Institute of Science
HP7 Ferring
P57 Fleet Science Center
OP9 Frontier Water Systems
P76 General Atomics Energy/Fusion
P39 General Dynamics NASSCO
P13 Gizmos & Gadgets Kids Lab
WM7 Goldstone Apple Valley Radio Telescope Project
P59 Heron Therapeutics
P70 Hologic
HP6 iD Tech
P82 Illumina Foundation
P84 Intrexon
RF25 Kaiser Permanente Pharmacy San Diego
P85 League of Extraordinary Scientists and
Engineers and J Craig Venter Institute
P45 Lilly
P62 Live Well San Diego

P17 LPA Design Studios
P9 Mad Science of San Diego
RF28 Magnolia Science Academy
RF30 Magnolia Science Academy
P40 Mathnasium
WM9 Microsoft
P34 MilliporeSigma Curiosity Cube
HP10 MiraCosta College Chemistry Club
PB2 MyStemKits
WM6 NASA's Space Communications and Navigation
Program at NASA Glenn Research Center
LF17 National University
PB10 NBC 7 & Telemundo 20
HP4 NDIA San Diego Chapter
PA1 NewSchool of Architecture & Design
P32 North American Fitness and Health
OP4 Optical Society of Southern California
P43 P2S Inc.
RF23 Pfizer Inc
RF21 Play-Well TEKologies
PB15 Project Concern International (PCI)
LF9 Project Cornerstone
HP16 Prometheus Laboratories Inc.
HP5 pSemi Corporation
OP6 Point Loma Nazarene University
PC3 Qualcomm Incorporated
P78 Qualcomm Incorporated
PB5 Quidel Corporation
PA10 Roosevelt Middle School MESA/GTT
RF19 Russian School of Mathematics
P49 Salk Institute Education Outreach
RF26 Sally Ride Science @ UC San Diego
RF8 San Diego Air & Space Museum
WM3 San Diego Blood Bank
P28 San Diego Children's Discovery Museum
P52 San Diego County Credit Union
P67 San Diego County Office of Education
P68 San Diego Cultural Arts Alliance
RF16 San Diego Imperial Council BSA
RF13 San Diego Mesa College
RF15 San Diego Mesa College Fashion & Design
PB3 San Diego Mesa College STEM Conexiones
RF10 San Diego Mobile Technology for Kids Project
(SDMT4K)
RF27 San Diego Model Railroad Museum
RF1 San Diego Natural History Museum - The NAT
P31 San Diego Public Library
LF16 San Diego State University Center for Autism
and Developmental Disorders
P47 Sanford Burnham Prebys Medical
Discovery Institute

P30 Science Delivered
PB1 Scripps Research
PA3 SDAALAS - San Diego branch of the American
Association of Laboratory Animal Science
LF11 Society of Asian Scientists and Engineers
LF8 Society of Hispanic Professional Engineers
LF22 Society of Women Engineers
LF6 Solana Beach School District
HP11 Solar Turbines
PB14 SOUL Charter School
P74 TaylorMade Golf Company
RF6 Team 3128 Aluminum Narwhal Team Members
PC10 Tesla
WM2 The League of Amazing Programmers
P6 The San Diego River Park Foundation
PC18 The San Diego Union-Tribune
RF17 Thermo Fisher Scientific
P36 ThoughtSTEM
P15 Tijuana River National Estuarine
Research Reserve
WM1 Treobytes
PB9 U.S. Army Recruiting
P20 U.S. Navy
P4 UCSD Bioengineering Graduate Society
P5 UCSD Biomedical Engineering Society (BMES)
OP1 UCSD Center for Healthy Eating and
Activity Research
LF20 UCSD Graduate and Undergraduate
Bioinformatics Council (GBIC and UBIC),
UCSD Scientista
LF4 UCSD Neuroscience Outreach
LF18 UCSD Physics
LF14 UCSD Skaggs School Of Pharmacy and
Pharmaceutical Sciences
PA5 United States Naval Academy STEM Center
P65 Univision Radio San Diego - Amor 102.9 FM
and Que Buena 106.5 FM
PA15 USS Midway
HP1 Vertex Pharmaceuticals
PC14 Viasat
PC8 Walt Disney's DUMBO
P21 ZOVARGO

E EXTRA CREDIT CHALLENGE LOCATIONS

#loveSTEMsd