STEP CON 20

VIP Tour
October 8, 2020
Welcome

Debra Johnson
Logistics, STEP Planning Committee
Virtual STEPCon20

Yamileth Shimojyo
Vice Chair, STEP Board
STEM Administrator, RCOE
Lobby:

Doorways from the lobby to other rooms.

Check your score on the Leaderboard!

Link to Student Survey

Doorways to access all rooms. These will remain at the bottom of your screen.
• Educator STEPCon20 - 250 participants registered
• Student STEPCon20 - 13,682 students registered
  282 teachers registered
• Over 42 Virtual Exhibitors
• CE-CERT - 1,400 HS students registered
• VIP Tour - 50 registered
Thank you to our Atom Plus Sponsors!

Wells Fargo

Bourns

General Atomics
Thank you to our Atom Sponsors!

RIVERSIDE COUNTY OFFICE OF EDUCATION
JUDY D. WHITE, Ed.D.
County Superintendent of Schools

The California Endowment
Thank you to our Electron Sponsors!
Thank you to our
Proton Sponsors!
Thank you to our Neutron Sponsors!

Dr. Christopher Lynch
Dean, UCR Bourns College of Engineering
Thank you to our In-Kind Sponsors!

UCR College of Engineering – Center for Environmental Research and Technology

NAVSEA Warfare Centers

MESA Math, Engineering, Science Achievement

Rialto Unified School District

Val Verde Unified School District

Ontario-Montclair School District

Riverside County Fire Department

Logos Education Systems

RUSD Riverside Unified School District

Corona-Norco Unified School District

San Bernardino County Superintendent of Schools
Welcome from General Atomics!

Gordon Bourns
Chairman of the Board & President, STEP
Chairman of the Board & CEO
Bourns, Inc.
Science Show

Special Thank you to General Atomics for 21 years of Engaging Students in the Inland Empire!
Science Show
CE-CERT Update

Jill Barber
Outreach and Events Coordinator
CE-CERT Update

CE-CERT Labs Tour

Learning Module Kick-off
The STEP Board invites you to enjoy an amazing STEM virtual event October 5th-9th & 16th, hosted by the Marian and Rosemary Bourns College of Engineering (BCOE) and the Center for Environmental Research & Technology (CE-CERT). During this week-long learning module series your class will interact with UCR researchers and students, and industry representatives. This hands-on series will teach high school students about smart cities & transportation, microgrids, clean air sensors, or AI and security. The series will be followed by a live awards ceremony on October 16th, highlighting the top projects!
Educator STEPCon20

Kim Terry
Co-Chair, Educator STEPCon
STEP Board Member
Coordinator, Alliance for Education
Educator STEPCon20: Sessions

- Focus on the Question
- Engineering is Elementary - COVID Style
- HyperDocs Lesson Design 101
- Planning Remote Math Instruction
- Machine Learning Using Scratch
- Research Experience in Computing for Inland Empire Teachers
- Everyone Should Notice and Wonder
- We are Phenomenal! Phenomena in NGSS Lessons
- Science: The “Write” Inspiration for Academic Language and Writing Genres
- Teaching STEM in the New Era
Educator STEPCon20: STEP Student Video Scholarship

San Bernardino County

Jennifer Cruz, 12th Grader
Apple Valley High School

Riverside County

Mariah Kannike, 12th Grader
John W. North High School

Videos are available on the STEPCon YouTube Channel for your viewing pleasure!
Educator STEPCon20 - Keynote

Subhas Gupta, MD., C.M., Ph.D., FRCSC, FACS
Professor and Chairman
Department of Plastic Surgery
Loma Linda University
School of Medicine
And my mind was BLOWN! For one, I was right science is pretty cool.
Educator STEPCon21

MARK YOUR CALENDAR:
Educator STEPCon21 is coming
October 5, 2021
Student STEPCon21

MARK YOUR CALENDAR:
Student STEPCon21 is coming
October 6-7, 2021
2021 SUMMER LEARNING LABS
Focused on Careers in STEM

July 12 - 16
STEM in Public Utilities

July 19 - 23
STEM Solutions

July 26 - 30
STEM in Advanced Manufacturing

DESIGN CHALLENGE PROJECTS

Work in Teams of 5
No Cost to Participants
Receive 5 Units of Elective Credit for RUSD per program (10 Units Max)

Prizes shared by Winning Teams:
$1,000 for First Place
$750 for Second Place
$500 for Third Place
Sponsorship Benefits

Complete sponsorship information is available.

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Atom $10,000</th>
<th>Electron $5,000</th>
<th>Proton $2,500</th>
<th>Neutron $1,000</th>
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<tr>
<td>Special STEP Recognition</td>
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<tr>
<td>Company name/logo included in advertising in the local newspaper</td>
<td>✔</td>
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<td>Exclusive STEP Sponsor Dinner Invitation with Founder</td>
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<td>4</td>
<td>2</td>
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<td>Company name/logo recognition on volunteer t-shirts</td>
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<td>Company name/logo recognition in video presentations shown to all attendees</td>
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<td>Photo opportunity with the Conference Keynote Speaker and STEP dignitary (if applicable)</td>
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<td>3</td>
<td>2</td>
<td>1</td>
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<td>Company name/logo recognition in STEP literature and official STEP Program</td>
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<td>✔</td>
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<tr>
<td>Invitation to STEP Conference Special Events</td>
<td>6 tickets</td>
<td>4 tickets</td>
<td>3 tickets</td>
<td>2 tickets</td>
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<td>Link on the STEP website if desired</td>
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<td>A Big “Thank You” from all our participating students and teachers</td>
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“STEP Presenting Sponsors” at $20K or above are available. Contact us for details.
Thank you so much for attending the VIP Tour!

Questions?