

STEM SOLUTIONS EDUCATIONAL RESOURCES

Dr. Lorelee Larios
Assistant Professor, Botany & Plant Science,
UC Riverside

Dr. Jeff Oldfield
Apple Education Leadership Executive

Dr. Larry Clement
Assistant Professor Data Sciences
Cal Baptist University

Bryan Medina
Tree People

Dr. Peggy Mauk
Director of Agricultural Operations
Subtropical Horticulture CE Specialist
University of California
Department of Botany and Plant Sciences

Dr. Francesca Hopkins
Assistant Professor of Climate Change and Sustainability

Dr. Pete Homyak
Assistant Professor of Ecosystem and Soil Microbial

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Associate Cooperative Extension Specialist
in Turf Grass Management

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California Air Resources Board

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Associate Vice Chancellor,
Office of Technology Partnership

Matthew Maldonado
Air Monitoring Technician

Edgar Ruiz
Air Monitoring Technician

Dr. David Lo
Senior Associate Dean, Research

Yaning Miao
Dust and Asthma - Salton Sea

Dr. Michelle C. Burroughs, M.PH
Director of Community Engagement
& Outreach for CHC
Finance Administrative Officer,
Department of Social Medicine,
Population and Public Health

Dr. Kurt Anderson
University of California- Riverside

Michael Plinski
City of Riverside- Public Utilities

Dr. Matt Barth
Professor and CE-CERT Director
Director, College of Engineering- Center for Environmental
Research and Technology

Dr. Arun Raju
Associate Director of CE-CERT

Dr. Kathryn Uhrich
Dean College of Natural and Agricultural Sciences

John Swanton
Communications Specialist,
California Air Resources Board

Gordon Bourns
President, STEP & Chairman/CEO, Bourns Inc.

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Ariana Firebough Ornelas

Alex Bostelman
Larry Goldstein
Akio Shimojyo
Claudia Velez
Tony Calma
Debra Johnson
Ivy Corta
Natalie Castaneda

COLLEGE STUDENT MENTORS

Ryan Reyes
Mia Dominguez
Madison Eason
Raelyn Cantu

Nick Perez
Benjamin Nyman
Sonali Bhakta
Aral Greene

Guadalupe Maldonado
Shloka Homa
Eric Thueson
David Mikhail



DESIGN CHALLENGE AWARD CEREMONY

July 29, 2022

DESIGN CHALLENGE PROJECT TEAMS

TEAM 1

Ally Neguesco
Crystal Rosales
Cy Zimowski
Elena Andenoro
Garrett Bear
Joseph Serna

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Jordyn Canty
Logen Sung
Nathan Akaba
Sienna Ferreira
Tyler Terry

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Hunter Andenoro
Jason Weiss Zeledon
Nathaniel Albright
Noah Contreras
Sierra Ferreira

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Alexandria Anderson
Diego Diaz
Gabriel Anderson
Hunter Freeman-Kelley
Marco Cruz

TEAM 5

Amara Flores
Andrew Appadorai
Ian Fudge
Jose Gerard Flores
McAlary Liam
Nayan Bhakta

TEAM 6

Connor Hawkins
Mandy Zhong
Nandini Karanam
Nathan Gonzalez
Nathaniel Birt

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Anjali Patel
Joseph Lazarte
Justin Diep
King Ruffin
Lydia Kang
Ogechi Onyedika

TEAM 8

Isaac Lopez
Joanne Quan
Muzammil Popalzai
Ugo Onyedika

TEAM 9

Carolina Ramirez
Emily Sandoval
Jonathan Methippara
Saijal Patel
Steven Pena

TEAM 10

Benjamin Solis
Diego Solis
Eduardo Salazar

TEAM 11

Nicolas Veasley
Patrick Pascual
Sebastian Salgado
Sterling Fields
Zhengdong Tian

TEAM 12

Chandler Picard
Jacob Vizcarra
Julian Methippara
Luke To
Maryah Sandoval
Vivian Xiao

PARTICIPATING SCHOOLS

21st Century Learning Institute Beaumont
Abeka Academy
Amelia Earhart Middle School
Arlington High School
Banning High School
Beaumont High School
Bethel Christian School
Canyon Springs High School
Carter High School
Coachella Valley High School
Corona High School
Cucamonga Middle School
Dr. Augustine Ramirez Intermediate School
Elsinore High School
Etiwanda High School
Fontana High School
Frank Augustus Miller Middle School
Gabiellino High School
Gage Middle School
Garvey/Allen Visual & Performing Arts Academy for STEM
Granite Mountain Charter School
Henry J. Kaiser High School
Hillcrest High School
Homeschooling
John W. North High School
Keith McCarthy Academy
La Sierra High School
Lakeside High School
Loma Vista Middle School
Los Alamitos High School
Martin Luther King High School
Mesa View Middle School
Moreno Valley High School
Mountain View Middle School
Murrieta Valley High School
Norte Vista High School
Notre Dame High School
Ortega High School
Poly High School
Ramona High School
Rancho Verde High School
Redlands East Valley
Riverside STEM Academy
San Diego Mesa Community College
San Jacinto High School
Segerstrom High School
Sierra Middle School
Summit View
Temescal Canyon High School
Terra Cotta Middle School
Thompson Middle School
Toro Canyon Middle School
Troy High SC
Valencia High School
Valley View High School
Villegas Middle School
Vista del Lago High School
Vista Murrieta High School
Wisdom Mission School
Woodcrest Christian High School
Yorba Linda High School
Western Center Academy

AGENDA

3:30 PM

Welcome & Thank You

Yami Shimojyo
Vice Chair, Student Conferences
STEP Board

Gordon Bourns,
STEP and Bourns, Inc

Loralee Larios
Assistant Professor, Botany & Plant Sciences
University of California

Certificates & Awards

Yami Shimojyo
Vice Chair, Student Conferences
STEP Board

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Loralee Larios
Assistant Professor, Botany & Plant Sciences
University of California

Donna Schulte
Riverside Unified School District, CTE

Closing Comments

Loralee Larios
Assistant Professor, Botany & Plant Sciences
University of California

Yami Shimojyo
Vice Chair, Student Conferences
STEP Board

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