



DESIGN CHALLENGE

AWARD CEREMONY

July 17, 2020

DESIGN CHALLENGE PROJECT TEAMS

1
Moises Diaz
Genesis Lopez
Sayf Pena
Sean Summers

2
Merary Reyes
Maya Lippman
Maya Kademani
Daion Jones

3
Tian Li Liu
Tanmayi Kademani
Tolu Jekayinfa
Nycholas Johnson
Daniel Nelson

4
Aaron Sheh
Nathan Lee
Ray Xiang
Elias Murcraay

5
Alexis McGraw

6
Emily Noelke
Tyjuan Mayfield
Jason Ng

7
Jenny Rosales
Yuchen Zhu
Ruo Xu
Jeremiah Moulton

9
Derek Chen
Janelle Alvarado-Cortez
Alexis McGraw
Oscar Aguilar

10
Anurag Gajaria
Arturo Perez
Jesse Assaturian
Joel Almer

11
Khieghyadra Cobb-Palechek
Rami Ratl Mrad
Jeremiah Williams
Micah Maynard

12
Myles Gayle
Lydia Shumate
Joel Allen

14
Bryan Baez
Mariah Kannike
Aiden Veasley
George Coleman
Joseph Sheftick

15
Ayumi Shimojyo
Samantha Cisneros
Yaleily Marquez
Ethan Murcraay

16
Chan Park
Perla Alvarez

17
Franco Doval
Sadrac Santacruz
Jensen Xi

18
Akio Shimojyo
Daniel Lopez

19
Daniel Chvat
Malcolm Delgado
Benjamin Shumate

20
Brendon Jiang
Joseph Shumate
Belinda Stoye

PARTICIPATING HIGH SCHOOLS

Abraham Lincoln High School
Arlington High School
BASIS Oro Valley
Beaumont High School
Canyon Springs High School
Centennial
Chapparral High School
Citrus Valley Christian Academy
Eleanor Roosevelt High School
Elsinore High School

John W. North High School
Jurupa Valley High
Martin Luther King High School
Miller Middle School
Norte Vista High School
Palm Springs High School
Patriot High School
Poly High School

Ramona High School
Redlands High School
River Springs Charter School
Riverside STEM High School
San Jacinto High school
Seegerstrom
The Academy for Academic Excellence
Vista Murrieta High School
Western Center Academy
Woodcrest Christian High School

AGENDA

2:00 PM	Competition of Five Finalists	
3:30 PM	Welcome & Thank You	Sharon Gutierrez, Riverside Public Utilities John Robertson, Riverside Unified School District Gordon Bourns, STEP and Bourns, Inc
	Certificates	John Robertson and Gordon Bourns
	Awards	Sharon Gutierrez, John Robertson & Gordon Bourns
	Closing Comments	John Robertson



STEM PULL EDUCATIONAL RESOURCES

John Robertson
Teacher, Riverside Unified School District

Todd Corbin
General Manager, Riverside Public Utilities

Gordon Bourns
President, STEP and Bourns, Inc.

Will Sarris,
Reader of "What Do You Do With An Idea?" by Kobi Yamada

Sharon Gutierrez
Utilities Sr. Programs and Services Representative, Riverside Public Utilities

Damaris Velez
Utilities Information Assistant - Education Program, Riverside Public Utilities

Jim King
Electrical Field Manager, Riverside Public Utilities

Jason Rollins
Utilities Power Line Technician, Riverside Public Utilities

Kaitlin Bilhartz
Marketing and Communications Manager, Riverside Public Utilities

Phil Pitchford
Public Information Officer, Riverside Public Utilities

Chuck Casey
Utilities General Manager, Riverside Public Utilities

Greg Herzog
Senior Utilities Resources Analyst, Riverside Public Utilities

Cliff Bellinghausen
Chief Water System Operator, Riverside Public Utilities

Carlie Meyers
Assistant General Manager Finance and Customer Service,
Riverside Public Utilities

Dr. Phil Van Haaster
Assistant Professor and Department Chair, Aerospace,
Industrial & Mechanical Engineering, Bourns College of Engineering, CBU

Jennifer Tafaglione
Sr. Project Manager, City of Riverside, Public Utilities

Peter Wohlgemuth
Ward 1, Riverside Public Utilities

Ana Miramontes
Ward 2, Riverside Public Utilities Board

Gil Ocegueda
Ward 7, Riverside Public Utilities Board

Gaby Plascencia
Council Member, City of Riverside, Ward 5

Jim Perry
Council Member, City of Riverside, Ward 6

Dr. Anthony Donaldson
Dean, Gordon and Jill Bourns College of Engineering, CBU

Dr. Mark Kim
Professor, Gordon and Jill Bourns College of Engineering, CBU

Gabriel Andaya
Electrical Engineer, Southern California Edison

STEM PULL MANAGEMENT & TEACHERS

Sharon Gutierrez
Damaris Velez
Rhonda Clement
John Robertson
Gordon Bourns
Ron Weston
Donna Schulte
Gordon Smith
Steve Klock
Steve Harwood

Lawrence Goldstein
Erika Zuvia
Cynthia Kline
Michelle Davidson
Linda Jirsa
John Enyeart
Callie Neal
Lana Taylor
Lillian McCandless
Fred Baxa

MENTORS

Ryan Reyes
Kyle Suk

JUDGES

Mathias A Oyanader
Ezry Lopez
Alexander James Kowalewski
Nick E. Romero
Kathryn Elizabeth Olsen
Kabrina Bowls
Susana Cruz
Adonai Pearson
Cory Walter Grewohl
Javier Alejandro Sigala

Amanda Yingqian Low
Tamrat Seyoum
Andrew Galvan
Shanna Kuchenbecker
Julia Gutierrez
Gildardo Ocegueda
Dr. Grace Ni
Dr. Michael Kolta
Ben Nunally
Ronald Weston

2020 STEM Public Utilities Learning Labs Design Challenge Competition

First Place – Team 7

Jenny Rosales

Yuchen Zhu

Ruo Xu

Jeremiah Moulton

Second Place – Team 18

Akio Shimojyo

Daniel Lopez

Third Place – Team 20

Belinda Stoye

Brendon Jiang

Joseph Shumate

Fourth Place – Team 10

Jesse Assaturian

Joel Almer

Arturo Perez

Anurag Gajaria

2020 STEM In Advanced Manufacturing Design Challenge Competition

First Place – Team 12

Ethan Murcray

Eric Mazouk

Anurag Gajaria

Raelyn Cantu

Second Place – Team 15

Mariah Kannike

William Havercroft

Daion Jones

Ford McCormick

Third Place – Team 5

Nathaniel Gant

Deanna Chavez

Maya Kademani

Ki Ki Cobb-Palechek

Fourth Place – Team 2

Joel Allen

Arturo Perez

Rami Ratl Mrad

Ibraheem Muhammad

Benjamin Shumate

2020 STEM In Advanced Manufacturing Business Simulation Game

First Place – Team 3

Jenny Rosales
Akio Shimojyo
Abhinab Reddy
Jordan Campbell

Second Place – Team 1

Ria Babaria
Emily Noelke
Chan Park
Joseph Shumate

Third Place – Team 11

Ayumi Shimojyo
Yaleily Marquez
Angel Alvarado
Sean Summers

Fourth Place – Team 15

Mariah Kannike
William Havercroft
Daion Jones
Ford McCormick

Fifth Place – Team 7

Fatima Muhammad
Micah Maynard
Tanmayi Kademani

Sixth Place – Team 8

Nathan Lee