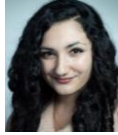


Imagineering Your Future Student Conference 2017



Selene Lopez
Keynote Speaker

Chemical Engineering
Enrique Camarena Jr. High & Calexico High School
University of California San Diego
I am currently a Chemical Engineering Student at UCSD where I am also the Vice President of the American Institute of Chemical Engineers, where I assist other students with professional development. I will be graduating in June and already have a Job waiting for me as a Chem E.



Grecia Meza

Civil Engineer Technician
Holtville Middle & High School
San Diego State University
I currently am a Civil Engineering Technician in the Survey Division at Imperial County Public Works. Part of my job is to provide accurate assessments of area boundaries while facilitating growth within the County.



Ismael Gomez

Electrical Engineer
Central Union High School
University of California San Diego
I currently work at Imperial Irrigation District as a System Operations Engineer, conducting the following: System Impact Studies, Outage Studies, Next Day Studies, and attending to Real Time operations of the Bulk Electric System.



Sam Felix

Pharmacological Chemistry
Imperial High School
Imperial Valley College / University of California San Diego
During my time at UCSD I volunteered as a pharmacy technician and obtained a job as a research lab assistant within a drug developing company. Now, at YRMC, I will be providing care for patients in the intensive care units, emergency room, ambulatory care, and internal medicine wards.



M. Luisa Reyes

Institute of the Americas' STEM Programs
Administrator
Neuroscience & Physiology B.S.
Calexico High School
University of California San Diego
She leads the Science & Innovation Summer Camp and Co-founded the annual Professional Workshop for STEM Instructors. She is a fellow for the renowned Reuben H. Fleet Science Center and has taken the IOA STEM Programs to an international audience.



Jessica Herrera
UC Irvine Student

Bio Medical Engineer Major
Calexico High School
Enrique Camarena Jr. High School & Calexico High School
She was a MESA student for 6 years, and this experience motivated her to become an engineer. Jessica is currently a first-year Biomedical Engineering student at the University of California, Irvine. After completing her Bachelor's Degree, her goal is to work in industry developing new technology for hospitals or doing research. She decided to become a BME because she loves both medicine and engineering, and would like to make more technology to save lives.



Maria Reyna

Molecular Toxicology B.S.
Holtville Middle & High School
University of California Berkeley
I work as Laboratory Manager with Synthetic Genomics, a world-recognized leader in genetic engineering, where I oversee laboratory functions related to the mass production of algae.



Valeria Roman
UC Irvine Student

Public Health Major
Southwest High School
I'm a public health sciences major with the objective to become an optometrist. I do research at the Seiler Lab located at Sue and Bill Gross Research Center at UC Irvine. This lab focuses on developing retinal sheet transplants to improve vision in blind people. The Seiler Lab studies the use of stem cell derived retinal sheets as a treatment for retinal degeneration in rat models



Victor Hernandez Sanchez

Civil Engineer
Calexico High School
Imperial Valley College / San Diego State University

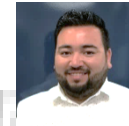
I currently work with the City of San Diego for the Transportation and Stormwater Division, under the Bicycle Program. Some of my responsibilities include designing bicycle facilities that make the travel safer for everyone.



Daniel Millan

Registered Nurse, BSN
Holtville Middle & High School
Imperial Valley College / San Diego State University

I work at Pioneers Memorial Hospital in the Definitive Observation Unit (DOU) and I am also part of the intensive care unit (ICU). I oversee patients' overall care and well-being in critical care units.



Miguel Leon

Mechanical & Mechatronics Engineer
William Moreno Jr. High & Calexico High School

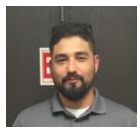
California State University Chico
I currently am employed for the US NAVY where I work on weapon development and integration. I help develop trackers and radars to test guided bombs, aircraft and missiles.



Daniel Ayala

University of California San Diego Student

Aerospace Engineering Major
Calexico High School
Internship at UCSD MAE Department, 2015 to present:
Project: Autonomous Aquatic Gyroscopic Robot
Project Description: Assisted Professor Hideroni Murakami and PH. D Candidate Oscar Rios in their study of Moving Frames in Dynamics using a geometrical approach. The team created propulsion of an underwater robot by only using internal gyroscopes as opposed to any type of external propeller/ and or propulsion system.



Jesus C. Torres

Environmental Engineer
Westmorland Jr. High School & Brawley Union High School
San Diego State University
Part of my job is to evaluate locations for new and current construction that can be isolated from air, soil, and groundwater, to create a safe and effective landfill.



Nayeon Kim
Computer Science

Frank Wright Middle School & Imperial High School
University of Southern California
I am currently a lecturer at USC's Viterbi School of Engineering. I've also worked as a software engineer for Space150 where I built websites and web applications for major entertainment companies such as Disney, Fox, and Universal. I was part of the team that created Soarin' Challenge, a web-based game for people waiting in line to ride Soarin', a popular ride at Disney World.



Luis Martinez

Mechanical Engineer
Central Union High School
San Diego State University
I am currently a Quality Engineer at Kyocera International Inc. As a Quality Engineer, I am responsible for customer complaints and Root cause corrective actions, as well as preventive actions.



Emerterio Hernandez

Mechanical Engineer
Wilson Jr High & Central High
Imperial Valley College/San Diego State University
As a Mechanical Engineer at SDG&E my focus is to provide customers with reliable gas service. I also go out to the field and oversee construction work and coordinate with pipeline crews when a gas handling needs to take place so that they perform the work safely.



Paola Uriarte
Civil Engineer
Calexico High School

Imperial Valley College/ San Diego State University
I was an intern prior to being hired at Latitude 33, a private consulting firm that focuses on planning and land development. I have been working for latitude 33 for a year as a Civil Designer. I'm responsible for completing preliminary engineering design studies, reports, and help with the production of plans for clients. I mainly work with large and small scale residential areas and school campuses.



Julio Hernandez

Mechanical & Mechatronic Engineer
Seeley School & Central Union High School
California State University Chico
I currently work as mechanical/electrical engineer for NAVAIR/NAVSEA. I work on different systems on the navy's ships and submarines.