COLLEGE OF ENGINEERING

100+ WOMEN STRONG

CHARTING YOUR CAREER JOURNEY

BEACH Women in Engineering Conference 2023

3RD ANNUAL

2023 BEACH Women in Engineering CONFERENCE

APRIL 29, 2023



100+ WOMEN STRONG

www.csulb.edu/beach-wie

WELCOME from Conference Chair

Hi All! I'm Dana Cabbell, Director of Transmission System Planning & Strategy at Southern California Edison and excited to be this year's WiE Conference Chair. As with the prior two WiE Conferences, the purpose of the Conference is to bring together engineering educators, and professional women in industry to share their knowledge and experiences to spark an interest in engineering and equally important, to sustain the interest. Women are still underrepresented in engineering and the profession needs your voices and perspectives. The WiE Conference planning team has developed an exciting day centered on this year's Conference theme: **Charting Your Career Journey**. You might be wondering - Why focus on my future career while I'm still in school? Well, Engineers are in high demand among all disciplines and the career opportunities are vast and boundless! Embarking on your career journey, creating a path for your professional growth and career advancement takes planning as you pursue job opportunities. Your ideal career starts with a dream. Once you know what you want, the path is clear: Learn everything you can, build a professional network, take advantage of all opportunities, and persevere no matter the obstacle. As in any journey, you also need to be prepared for the twist and turns, and perhaps stepping back and changing direction. The bottom line is you need to take ownership of your career as you are Charting Your Career Journey.

Welcome High School and Community College Students

I'm thrilled that in addition to CSULB College of Engineering students, this year's Conference invite has been extended to high school and community college students. So, why attend a WiE Conference if I haven't decided to study engineering or computing? Fair question. Engineers and Computer Scientists are making the most significant advances and solving the most challenging problems in the world today. They are solving problems such as climate change, cybersecurity, transition to clean energy, making medical breakthroughs, and developing technologies that are improving all our lives. Attending the Conference will provide you a glimpse into some of the engineering careers available and an opportunity to interact with women in industry and fellow students.

Building on Last Year's Success

The 2023 WiE Conference is building on the huge success of last year's conference with new topics to provide you insights, skills, and tools as you chart your career journey. This year's program includes 4 concurrent tracks featuring discussions on the future of vehicles, additive manufacturing, cybersecurity, sustainable infrastructure, and more. Plus professional panels laying the foundation for your career, and small group coaching circles providing insights on how to chart your career journey. New this year, the program will include four career panels: Chemical engineering, Aerospace and Systems Engineering, Biotechnology and Machine Learning, and a speed networking session with industry women showcasing their companies. Explore the 2023 WiE Conference website for the program topics' details and day's schedule. While exploring the website, sign up (scholarships are available) to join myself and the entire team on April 29th to be inspired and energized as you Chart Your Career Journey.



Dana Cabbell

Dana Cabbell
Director of Transmission System Planning & Strategy
// Southern California Edison

MESSAGE from the Dean

The College of Engineering at The Beach and the 100+ Women Strong group are so excited to bring you another BEACH Women in Engineering Conference!

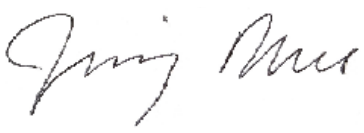
- We have another star-studded line-up of industry experts from whom to learn and with whom to network.
- There are engineers and computer scientists who are early in their careers, as well as VPs and CEOs, and everything in between.
- You can choose to attend sessions discussing cutting-edge topics that are changing the world, and sessions on professional skills.
- We are lucky to have two amazing and accomplished keynote speakers this year to share their wisdom from their impactful industries, and lessons they have learned along the way.
- And finally, the Coaching Circles and Speed Networking are not to be missed. In all of our sessions, women in the field will be the focus of discussion.

It is the hope that events like this one will provide access to role models and professional networks that are insider secrets to success in the field. You will be able to see and learn from those who have blazed the trail ahead of you, and imagine yourself joining them in the future. It is not too early to be Charting Your Career Journey – explore what is ahead, and be inspired today.

My sincere thanks go out to the conference chair, Dana Cabbell and the chair of 100+ Women Strong, Dorothy Benveniste for their leadership. This conference would not be what it is without them! Many thanks go out to Roni Allen for logistics support, to the faculty serving as session moderators, and to the speakers who are generously donating their time and wisdom to the cause. Finally, a huge debt of gratitude goes to our sponsors without whose financial support and shared mission this event would not be possible. It truly takes a village, and I am grateful to be part of it.

Go BEACH!





Dr. Jinny Rhee
Dean, CSULB College of Engineering

COLLEGE OF ENGINEERING
100+ WOMEN STRONG

CHARTING YOUR CAREER JOURNEY
BEACH Women in Engineering Conference 2023

TABLE OF CONTENTS

- Conference Schedule 4
- Keynote Speakers 5
- Coaching Circles 7
- Speed Networking 9
- Speakers 10
- Sponsors 14
- Staff/Volunteers 15

Note: CSULB events and scholarships are open to all CSULB students, regardless of sex, race, or ethnicity.

CONFERENCE SCHEDULE

8:30 - 9:00 AM	**CHECK-IN & BREAKFAST**			
9:00 - 9:30 AM	**WELCOME & MORNING KEYNOTE** – Jill Anderson, SCE (USU Ballroom)			
9:30 - 9:45 AM	**BREAK**			
9:45 - 10:45 AM	**ADDITIVE MANUFACTURING** (USU 253)	**CHIPS AND SCIENCE ACT** (USU 304)	**ENGINEERING ETHICS** (USU 303)	**IMPORTANCE OF MENTORS/ SPONSORS** (USU 305)
10:45 - 11:00 AM	**BREAK**			
11:00 AM - 12:00 PM	**COACHING CIRCLES** – brought to you by 100+ Women Strong (USU Ballroom) ■ Changing Your Career Journey ■ Conflict Resolution ■ Professionalism ■ Teamwork Skills ■ Tech Entrepreneurship			
12:00 - 12:30 PM	**LUNCH & AFTERNOON KEYNOTE** – Nyariana Maiko, Port of Long Beach (USU Ballroom)			
12:30 - 1:30 PM	**SPEED NETWORKING** – brought to you by 100+ Women Strong (USU Ballroom)			
1:30 - 2:30 PM	**FUTURE OF VEHICLES** (USU 305)	**SUSTAINABLE DESIGN** (USU 304)	**IMPOSTER SYNDROME** (USU 303)	**INTERNSHIPS** (USU 253)
2:30 - 2:45 PM	**GROUP PICTURE** (USU steps between 2nd and 3rd floor)			
2:45 - 3:45 PM	*Career Panel:* **CHEMICAL ENGINEERING** (USU 303)	*Career Panel:* **AEROSPACE AND SYSTEMS ENGINEERING** (USU 253)	*Career Panel:* **BIOTECHNOLOGY** (USU 305)	*Career Panel:* **MACHINE LEARNING** (USU 304)
3:45 - 4:00 PM	**BREAK**			
4:00 - 5:00 PM	**CYBERSECURITY** (USU 304)	**ALGORITHMIC THINKING** (USU 253)	**WATER RESOURCES & THE ENVIRONMENT** (USU 305)	**GETTING & NAVIGATING FEEDBACK** (USU 303)
5:00 - 5:15 PM	**CLOSING REMARKS** – Dean Jinny Rhee (USU Ballroom)			

MORNING KEYNOTE



Jill C. Anderson

Executive Vice President, Operations
// Southern California Edison

Jill Anderson is executive vice president, Operations, at Southern California Edison, one of the nation's largest electric utilities. She leads many of SCE's operations groups — including Transmission & Distribution, Customer Service, Safety, Security, and Business Resiliency, and Operational Services — and is responsible for safely delivering reliable, clean and affordable power to more than 15 million people in a 50,000-square-mile service area spanning Central, Coastal and Southern California.

Most recently, Anderson was senior vice president of Customer Service, responsible for overseeing the company's customer products and services, business and residential customer account management, customer billing and credit, contact center operations, customer information systems re-platforming and competitive telecommunications business.

She also served as senior vice president of Strategic Planning and Power Supply at SCE, driving business strategy across the company and ensuring that the integrated planning to support California's clean energy transformation remains closely aligned with the company's procurement and dispatch of generation resources. She oversaw strategy, resource planning, energy procurement and management as well as the operations of SCE's power generation fleet.

Previously, Anderson was executive vice president and chief commercial officer at the New York Power Authority (NYPA), the country's largest state power organization. She directed all wholesale and retail operations, including the market operations of NYPA's generation assets. She was responsible for customer sales, marketing, new products and technology, clean energy and transportation and energy-efficiency programs. Before this at NYPA, she led energy policy, sustainability, corporate communications, regulatory affairs and government relations departments.

Anderson has also worked for Hess Corporation, leading global process improvement projects. She started her career at Consolidated Edison Company of New York, leading teams responsible for natural gas and electric operations, redesign of the distribution system to integrate new technologies and electricity and natural gas procurement.

Anderson received a Bachelor of Science in mechanical engineering from Boston University and a Master of Business Administration from New York University.

AFTERNOON KEYNOTE



Nyariana Maiko

Chief Information Officer
// Port of Long Beach, California

Nyariana Maiko is the Chief Information Officer and Director of Information Management at the Port of Long Beach, one of the world's premier seaports and a trailblazer in goods movement and environmental stewardship. The Port handles $170 billion in trade annually, supporting 1 in 20 jobs in Southern California. As the CIO, Nyariana provides the Port with Digital/Information Technology and Supply Chain Optimization Data/KPI leadership that enables the Port of Long Beach to be a world-class seaport by innovatively transforming business processes and implementing business-critical systems.

Nyariana is an award winning innovative, strategic, digital, technical and business process transformation leader with over 30 years of progressively complex experience in information technology, cybersecurity risk training, business process innovation and strategic transformations. Nyariana was an early leader in creating a holistic enterprise wide cybersecurity awareness programs that provided measurable human aspect data to supplement the fast changing technology tool landscape. This includes successful implementations at various enterprises including as AVP at Molina Healthcare, Toyota Financial Services, Nissan, American Express, Allergan Pharmaceuticals, and Client Partner at Axiom Management Consulting and Cambridge Technology Partners.

Nyariana has Master's Degree in Computer and Information Science with a concentration in Contrastive Linguistics. She also has a Bachelor's degree in Quantitative Methods & Computer Science. Nyariana is certified as a Toyota Kaizen Coach, an agile Scrum Master as well as in Business & Enterprise-wide Portfolio & Program Management design. Nyariana is also currently serving on the Federal Reserve Technology Advisory Board.

COACHING CIRCLES

The Coaching Circles were created by the 100+ Women Strong group, and are a unique feature of our conference. They are designed to allow small group discussions with engineering and computing leaders around important topics impacting workplace success.

11:00 AM - 12:00 PM // USU Ballroom



COACHING CIRCLE ORGANIZER

Dorothy Benveniste

100+ Women Strong Chair
// CSULB College of Engineering

Changing Your Direction

The path from education to your dream job is never a straight line. The Changing Your Direction Coaching Circle will review the factors to consider and steps to prepare you in your career journey.



LEAD

HOLLY CRAIG '84

Owner and CEO
// Stratonics

CO-LEADS

Jennifer Didlo, President, Retired // AES Southland
Dr. Kim Armstrong, Sr. Human Resources Business Partner // Boeing
Gina Orozco, VP - Gas Engineering & System Integrity // So Cal Gas
Selene Sanchez, Circuit Modeling Engineering Manager // SCE

Conflict Resolution

With different personalities, goals and working styles, workplace disagreements will happen. When managed properly, they can lead to innovative solutions and more cohesive business relationships.



LEAD

DEBBIE MEEKS '86

US West Coast Climate
Policy Manager // Shell USA

CO-LEADS

Dr. Antonella Sciortino, Associate Dean, College of Engineering // CSULB
Dr. Rachel Murphy, Program Manager, LA AFB // US Space Force
Rosario Maltbia, Facilities Engineer // Shell USA
Victoria Patterson, Systems Engineer // Northrop Grumman

COACHING CIRCLES

Professionalism

Learn professionalism best practices and examples in personal conduct, behavior, and attitudes for success in the workplace.



LEAD

MIA FUJII

Director of Academic Enablement // Siemens Digital Industries Software

CO-LEADS

Jennifer Soriano, Manufacturing Scientist/Team Lead // Molecular Instruments

Jerry Llave, Software Engineer // Siemens

Vanessa Bloss, Marketing Coordinator // Siemens

Teamwork Skills

Working as part of a team requires special skills. Learn how to lead, influence, motivate and persuade others to achieve company goals.



LEAD

MONICA AMALFITANO

Director, Design + Construction Services, Campus Engineer // CSULB

CO-LEADS

Marie-Jeanne Ayoub, Interim Manager of Construction Services // CSULB

Stephanie Gutierrez, Manager, Design Services // CSULB

Lisa Salgado, Capital Projects Program Manager // CSULB

Ileana Holguin, VP, Institutional Business Unit // ClayCo

Kim Harvey, Senior Program Manager // BNBuilders

Kathy Rantowich, Structural Engineer // MHP Structural Engineers

Tech Entrepreneurship

Learn what it's really like building or working for a startup. An opportunity to learn the ins and outs of bringing your own product and vision to life by launching an organization from the ground up.



LEAD

ANDREA WHITE-KJOSS

Managing Director/ Entrepreneur // Long Beach Accelerator

CO-LEADS

Venus Jenkins, CEO // Chargenet Stations

Zora Chung, CFO // ReJoule

Erika Lauren Guerrero, Founder // Electric Goddess

Grace Park, CEO // NuLeep

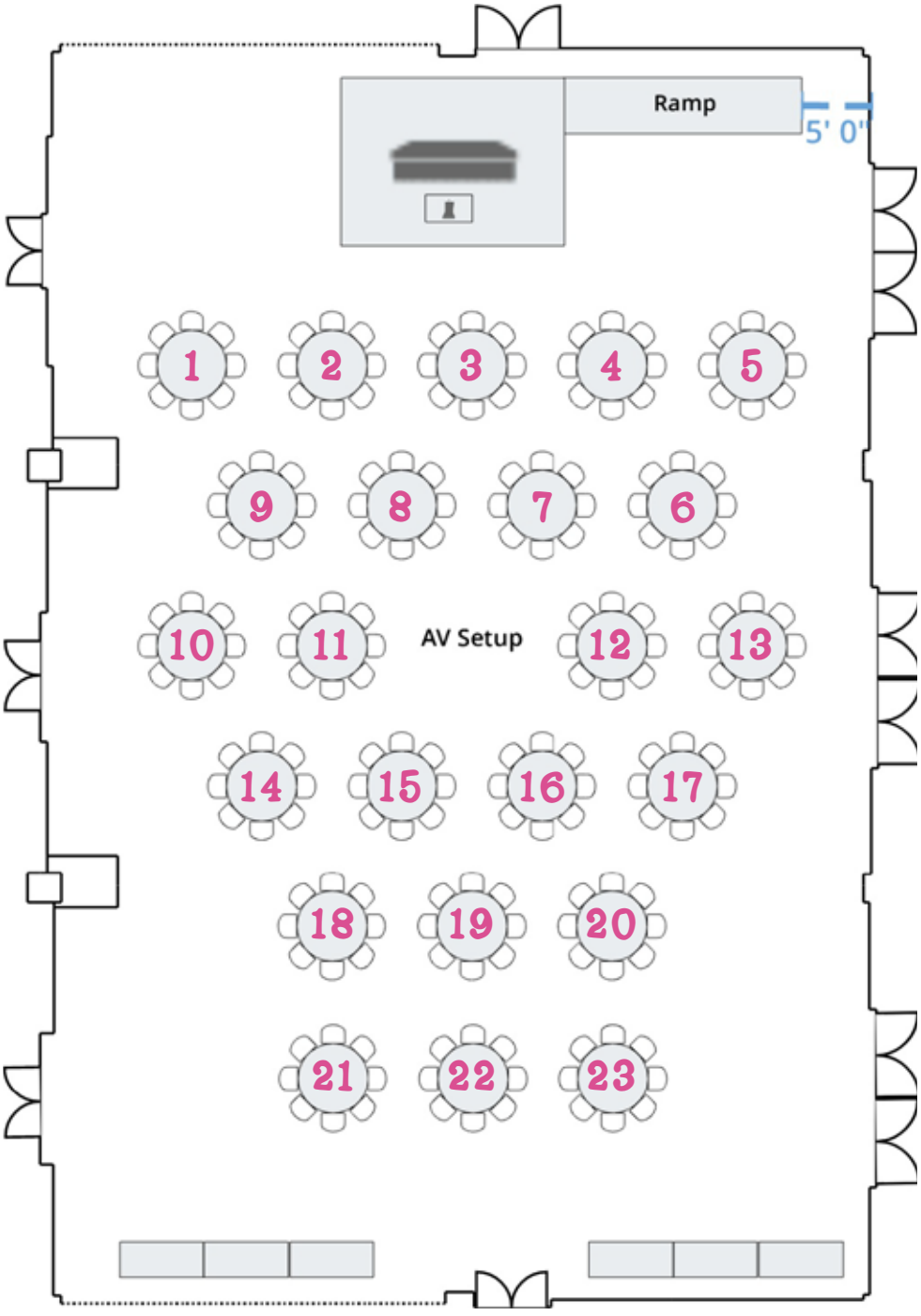
Mandy Vaughn, CEO & Founder // GXO, Inc

Erika Page, Cheif DEIB Advisor // Nuleep

SPEED NETWORKING

Speed Networking is a new feature of our conference this year. Representatives from select companies will be stationed around the ballroom to describe their companies and talk about what their companies look for in new hires. Participants in this activity can practice their interviewing skills and ask questions. When time is up, all participants will move to the next company.

12:30-1:30 PM // USU Ballroom



PARTICIPATING COMPANIES

Edison International	1,2
Swinerton	3,4
2H Construction	5
AECOM Hunt	6
AES Corporation	7
BNBuilders	8
Brascia Builders, Inc.	9
Clayco	10
Long Beach Accelerator	11
McCarthy Building Companies, Inc.	12
Morf3D	13
P2S Engineering	14
Port of Long Beach	15
Siemens Digital Industries Software	16
South Coast AQMD	17
SpaceX	18
Sukut Construction	19
Teichert	20
Other Companies *	21,22,23

SPEAKERS

	SESSION
 **Kim Armstrong** Director of Sustainability // Boeing	Imposter Syndrome Getting and Navigating Feedback
 **Dawn Armstrong** VP of Operations // Human Good	Cybersecurity
 **Gina Bibby** Partner // Withers Bergman LLP	Engineering Ethics
 **Camila Bortoluzzi** Technical Lead // Rolls Royce	Importance of Mentors
 **Angela Choy** Air Quality Engineer // South Bay AQMD	*Career Panel*: Chemical Engineering
 **Kendra Cook** Operations Systems Lead // Jet Propulsion Laboratory	Engineering Ethics
 **Audrey Daly** Human Resources Business Partner // Morf3D	Additive Manufacturing
 **Emel Demircan** Founder/Associate Professor // CyberSens/CSULB	Algorithmic Thinking

	SESSION
 **Kaitlin Devane** Additive Manufacturing Engineer // SpaceX	Additive Manufacturing
 **Anne Devine** CEO // Janus Electric	Future of Vehicles
 **Emily English** Director of Sustainability // BNBuilders	Sustainable Design
 **Hedieh Esfahani** Engineer // Metropolitan Water District	Water Resources and the Environment
 **Sylvia Espinoza** Engineer // Aerospace Corporation	Getting and Navigating Feedback
 **Neveen Farag** Principal Electrical Engineer // Northrup Grumman	CHIPS and Science Act
 **Bahareh Farahani** Program Supervisor // South Bay AQMD	*Career Panel*: Chemical Engineering
 **Christi Fu** Global Manager of Design, Engineering, and Services // Meta	Sustainable Design
 **Candace Givens** Vice President // Northrup Grumman	*Career Panel*: Aerospace and Systems Engineering

Full bios and LinkedIn information for all speakers and moderators can be found in the Whova app for the 2023 BEACH Women in Engineering Conference.

SPEAKERS

	SESSION
 **Genevieve Gural** Additive Manufacturing Engineer // SpaceX	Additive Manufacturing
 **Nicole Isle** Chief Sustainability Strategist // Glumac	Sustainable Design
 **Anupama Kuruvilla** Senior Product Manager // Outrider	Future of Vehicles
 **Sandra Labib** Technical Program Manager // Intuit	Cybersecurity
 **Rochelle Lakey** Solutions Architect // Amazon Web Services	Algorithmic Thinking
 **Rosa Elena Lorenzana** Senior Director // Amazon Web Services	*Career Panel*: Machine Learning
 **Lynette McKinnon** Senior Director // Boeing	*Career Panel*: Aerospace and Systems Engineering
 **Debbie Meeks** US West Coast Climate Policy Manager // Shell USA	Getting and Navigating Feedback
 **Maria Meza Bruguera** Senior Electrical Engineer // Raytheon Intelligence Space	CHIPS and Science Act

	SESSION
 **Jessica Min** Associate Civil Engineer // Sunrun	Sustainable Design
 **Hana Moshirvaziri** Techinial Program Manager // Medtronic	*Career Panel*: Biotechnology
 **Mozhdeh Najafabadi** Chief Engineer and Engineering Branch Material Leader // SATCOM	CHIPS and Science Act
 **Susan Nakamura** COO // South Coast AQMD	Importance of Mentors
 **Nasrin Nasrollahi** Project Manager/Senior Engineer // Orange County Sanitation District	Water Resources and the Environment
 **Delilah Nunez** Systems Director // Aerospace Corporation	*Career Panel*: Aerospace and Systems Engineering
 **Lucie Nurdin** Chemical Engineer // Terraform Industries	*Career Panel*: Chemical Engineering
 **Deval Parikh** Systems Director // Amazon Web Services	*Career Panel*: Machine Learning
 **Julia Ragragio-Ruiz** Senior Associate // Gensler	Sustainable Design

Full bios and LinkedIn information for all speakers and moderators can be found in the Whova app for the 2023 BEACH Women in Engineering Conference.

SPEAKERS

	SESSION
 **Victoria Reyes** Sr. Project Manager // Morf3D	Additive Manufacturing
 **Melanie Rivera** Water Project Engineer // HDR	Water Resources and the Environment
Monica Robles Graduate Student Research Assistant // CSULB Academic Technology Services	Additive Manufacturing
Mahsa Rohanizadeh Senior Principal Biologist // Edwards Life Sciences	*Career Panel*: Biotechnology
 **Pamela Santos** Director of Construction // PBM Construction	Importance of Mentors
 **Bettylynn Senes** Associate DBIA // BNBuilder	Imposter Syndrome
 **Dinamarie Stefani** Head of Quality // Verily	*Career Panel*: Biotechnology

	SESSION
 **Missy Tammi** AM Engineer // Morf3D	Additive Manufacturing
 **Kelley Tenney** Lecturer, Health Sciences // CSULB	*Career Panel*: Machine Learning
 **Megan Traver** Principal // Stephens Middle School	Imposter Syndrome
 **Rosa Trujillo** Assistant Director of Career Education // CSULB	Internships
 **Mandy Vaughn** CEO and Founder // GXO Inc	Engineering Ethics
 **Roxanne Warren** Director, Program Manager // Morf3D	Additive Manufacturing
 **Natalie White** Principal Enterprise Solutions Architect, AWS	Principal Enterprise Solutions Architect







Full bios and LinkedIn information for all speakers and moderators can be found in the Whova app for the 2023 BEACH Women in Engineering Conference.

MODERATORS

		SESSION
Shadnaz Asgari	Professor and Chair, Biomedical Engineering // CSULB	*Career Panel*: Biotechnology
Eun Jung Chae	Assistant Professor, Mechanical and Aerospace Engineering // CSULB	*Career Panel*: Aerospace and Systems Engineering
Holly Craig	Owner/VP // Stratonics, Inc	Additive Manufacturing
Jennifer Didlo	Retired // AES	Getting and Navigating Feedback
Darr Hashempour	Lecturer, Mechanical and Aerospace Engineering // CSULB	Engineering Ethics
Ava Hedayatipour	Assistant Professor, Electrical Engineering // CSULB	*Career Panel*: Biotechnology
Laurie Huning	Assistant Professor, Civil Engineering and Construction Engineering Management // CSULB	Water Resources and the Environment
Saleh-Al Jufout	Lecturer, Electrical Engineering // CSULB	Future of Vehicles
Anna Lee	Assistant Professor, Electrical Engineering // CSULB	CHIPS and Science Act
Roger Lo	Professor and Chair, Chemical Engineering // CSULB	*Career Panel*: Chemical Engineering
Sergio Mendez	Associate Professor, Chemical Engineering // CSULB	Imposter Syndrome
Amr Morsey	Assistant Professor, Civil Engineering and Construction Engineering Management // CSULB	Sustainable Design
Susan Nachawati	Lecturer, Computer Engineering and Computer Science // CSULB	Algorithmic Thinking
Elhami Nasr	Professor, Civil Engineering and Construction Engineering Management // CSULB	Importance of Mentors
Surajit Roy	Assistant Professor, Mechanical and Aerospace Engineering // CSULB	Additive Manufacturing
Hossein Sayadi	Assistant Professor, Computer Engineering and Computer Science // CSULB	Cybersecurity
Shabnam Sodagari	Associate Professor, Computer Engineering and Computer Science // CSULB	*Career Panel*: Machine Learning

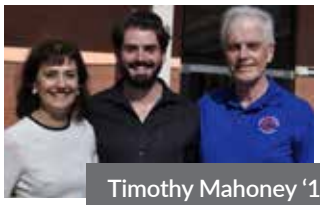
Full bios and LinkedIn information for all speakers and moderators can be found in the Whova app for the 2023 BEACH Women in Engineering Conference.

SPONSORS

EDISON INTERNATIONAL®

SWINERTON

Port of LONG BEACH
THE PORT OF CHOICE



Timothy Mahoney '13, CSULB Alumni

aes

TEICHERT ENERGY & UTILITIES GROUP

BNB
BNBuilders

24 CONSTRUCTION

South Coast AQMD

McCARTHY

SIEMENS

P2S INC

BRASCIA BUILDERS INC.

AECOM HUNT

SUKUT CONSTRUCTION

STAFF/VOLUNTEERS



CONFERENCE ORGANIZER

Roni Allen



COMMUNICATION SPECIALIST

Joshua Nelson



SENIOR DIRECTOR OF DEVELOPMENT

Cheryl Ward



DEVELOPMENT ASSOCIATE

Paras Shah

STAFF & STUDENTS

LeeLee Jackson
Receptionist - Administrative Support Assistant

Tina Mow
Fiscal Analyst

Ameeta Perera
Executive Assistant to the Dean

Saba Reda
MESA

Robin Ikemi
Science Ed Department Coordinator

Rick Meza
Retired CECS Operating System Analyst

Allison Austin
Engineering Student

Gaurav Paryani
Engineering Student

Jennifer Corral
Engineering Student

Sanjana Das
Engineering Student

An Ta
CSULB Alumni

Karina Aviles
Engineering Student

Samyiah Bryant-Taylor
COE Student Assistant

Victor Marquez
GA COE Instruction

Stephanie Turcios
Auxiliary SA

Laleen Kuoch
SA COE tutoring center

ABOUT 100+ WOMEN STRONG

100+ Women Strong is an industry professional affiliate group to the CSULB College of Engineering. Its mission is to support the college in inspiring, recruiting, retaining, graduating, and launching women engineers and computer scientists into successful careers, with the ultimate goal of increasing the number and percentage of women in the field. The BEACH Women in Engineering Conference is its signature event.

For more information, visit us online:
www.csulb.edu/college-of-engineering/100-women-strong

JOIN US!

Keep the conversation going at:

linkedin.com/groups/14238580



For more information, about 100+ Women Strong, scan QR-Code

COLLEGE OF ENGINEERING
100+ WOMEN STRONG