

Debbie Meeks



EDUCATION
Bachelor of Science
Chemical Engineering

California State University
Long Beach / Tau Beta Pi

Opportunities thru internships

Develop technical & workplace
social skills
Experience different business
settings
Determine fields/environments
that you thrive in
Create relationships and
contacts for future jobs



INTERNSHIPS
Librarian Aid
Student Worker

UNR – Science Library
SCAQMD – Landfill
Rulemaking Division



WORK EXPERIENCE
Process/TS Engineer
Sales/Sales Manager
Strategic Alliance Manager

ARCO LA Refinery
Akzo Nobel/Houston TX
Shell Oil Company/Virtual

A career path is never a
straight line, many lessons
along the way and growing
your network is key.



Government
Relations/Sacramento

Shell USA

US Bureau of Labor Statistics 2022 Starting Salaries

Chemical Engineer \$108,540
 Electrical Engineer \$103,390
 Mechanical Engineer \$90,160
 Civil Engineer \$88,570

Employment opportunities for Engineers are bright

Women are only 15% of working Engineers¹

Large focus on Diversity, Equity and Inclusion in the workplace today

Mechanical & Electrical Eng. jobs will increase by 7%

Chemical Engineering jobs will increase by 9%

...by 2026 there will be more jobs than applicants¹

¹ US Census Bureau

Engineering Degrees Awarded Nationally

Gender	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Female	17.90%	18.10%	18.40%	18.00%	19.10%	19.00%	20.00%	21.20%	21.00%	22.50%
Male	81.90%	81.60%	81.10%	80.90%	80.10%	79.10%	78.70%	78.10%	77.50%	82.20%

- Theodore von Karman, Hu2 309.31 T4r

MECHANICAL
ENGINEERING

Do you like to
take things apart?

CIVIL
ENGINEERING &
CONSTRUCTION
MGMT

Are you interested
in systems that
serve society
related to water,
soil, environment,
structures, and
transportation?

BIOMEDICAL
ENGINEERING

Are you excited
about advancing
technology and
medicine and
develop new
devices/equipment
for improving
human health?

CHEMICAL
ENGINEERING

Are you curious
how temperatures
and mixtures
affect outcomes?

ELECTRICAL
ENGINEERING

Are you curious
about power,
electronics, and
control systems?

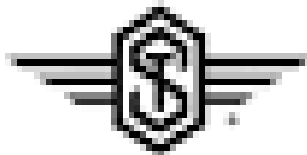
Many Industries Hire a Variety of Engineers

- Chemical / Polymers
- Energy / Transportation
- Environmental
- Food Processing
- Manufacturing / Polymers @



What is holding you back from confidently declaring your Engineering Major?

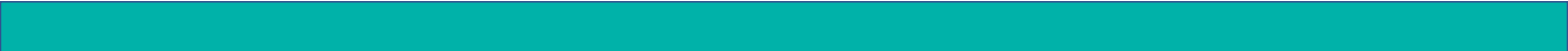
- Take 5 minutes to write down your biggest concerns and why
- We will share with large group for 10 minutes



Space Talent

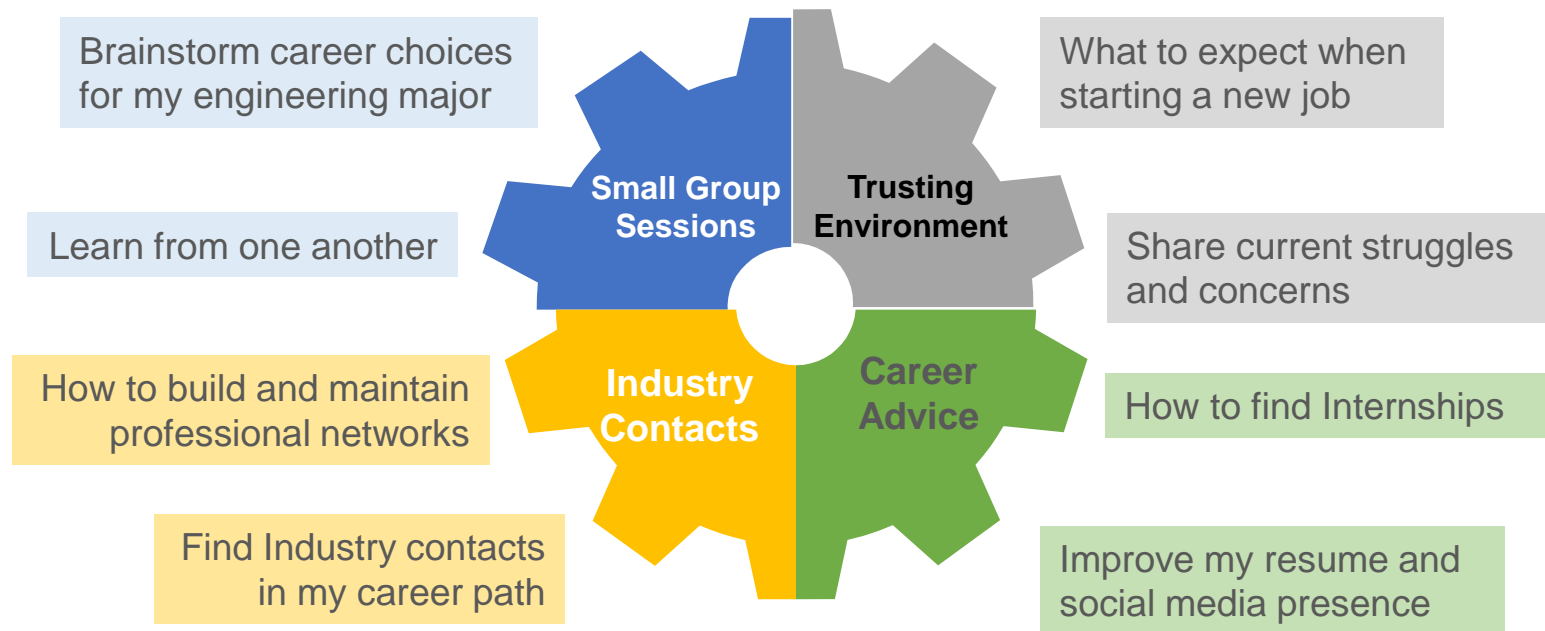








How can 100+ Women Strong support you? Let us know we are seeking your input!



100+ Women Strong want to thank you for attending Finding the Right Major

Make a Connection Today

Introduce yourself & exchange information, ask questions.

Connect with speakers on Whova App

Powerful Information

Review all CC Slide Decks:

<https://www.csulb.edu/college-of-engineering/coaching-circles-0>

Create a Journal

Write down lessons learned, goals, next steps & timeline.

Grow & maintain your network

Post Event Survey

We want your feedback.

Survey on Whova App

Join Us Again Soon

Attend our next event—later this year

<https://www.csulb.edu/college-of-engineering/100-women-strong>

Be a member of 100+ Women Strong

<https://www.csulb.edu/college-of-engineering/100->

BEACH WOMEN IN ENGINEERING CONFERENCE

Linked In Contacts Finding the Right Major

Name	Company	Position	Linked In
Debbie Meeks	Shell USA	Government Relations	(99+) Deborah Meeks LinkedIn
Gina Orozco	SoCalGas	VP-Gas - System Integrity	
Laurie Huning	CSULB	Assistant Professor, Dept of CE	(99+) Laurie Huning LinkedIn
Mariel Cisneros	Northrop Grumman	Systems Engineering Manager	(99+) Mariel Cisneros LinkedIn