Importance of Mentoring

Dorothy Benveniste, MBA – Exec Director, STEM Careers Foundation
J S. Shelley, Ph.D., P.E., CSULB Dept. of Mechanical & Aerospace Eng.
Jennifer Tanzillo, Principal Director, The Aerospace Corporation
Belinda Vivas, Lead Engineer, Southern California Edison

100+ Women Strong Workshop
March 19, 2021
We have experience to share with you

Dorothy Benveniste, MBA
- Now: Engineering STEM Outreach, Board Chair, Northridge Hospital Foundation
- MBA, Pepperdine University; B.S., Software Engineering, CSUDH
- 20 years experience as Project Engineer, Boeing Seal Beach CA

J S. Shelley, Ph.D., P.E.
- Now: Adjunct Professor, CSULB Dept. of Mechanical & Aerospace Engineering, Antelope Valley
- Licensed Professional Engineer in Mechanical Engineering
- Progression: materials, process & structures for rocket propulsion applications for USAF

Jennifer Tanzillo, M.S.
- Now: Principal Director, Science and Technology Strategy Development, The Aerospace Corporation
- M.S. Aerospace Engineering, Univ of Southern California; B.S. in Aerospace Engineering, Univ of Texas at Austin
- 18 years experience as manager and controls engineer working variety of space programs at Aerospace

Belinda Vivas, BSEE
- Now: Lead Engineer, Interconnection Capacity Analysis, Southern California Edison
- B.S in Electrical Engineering, California State University, Long Beach
- 4 years experience leading a Distributed Resource Plan External Portal for Southern California
SMART Goals - Specific, Measurable, Achievable, Realistic, Timely

**Examples**

- I want to learn from my Mentor about jobs in the field of civil engineering, including what certifications are needed and what a typical day is like, in a discussion by 5/18.

- I will obtain a job as a high school math teacher within three months after I graduate with my Bachelor of Science in Engineering.
3 C’s of Mentoring - Consultant, Counselor, Cheerleader

Consultant
  - Tools: SMART Goals - Specific, Measurable, Achievable, Realistic, Timely

Counselor
  - Tools: Role play, areas that Mentees struggle with the most

Cheerleader
  - Tools: Communicate what you need - academic, technical, professional support

A Mentor helps us to think things through
Applying the 3 C’s

- What specifically would I like to gain from a mentor-mentee relationship?
- Try out writing one SMART goal to help you develop your desired mentee-mentor relationship.
- Brainstorm the type of mentor/mentee who is best for you.

Take 5 minutes to answer these questions
Speed Mentoring

• Opportunity to Engage with practicing engineers

• Faculty sends each participant into each mentor’s breakout room
  • 2 min. to Introduce yourself, Explain SMART goal, Get Focused Questions answered

• Rotate through each of the three potential mentors
  • Same questions or different

• Return to main room to join discussion, develop follow-up strategies
  • Interested in pursuing a P.E. license?
  • Thinking about grad school? Law School? MBA?
Decide on Your Next Step

- Check out current internal and external networks:
  - NCEES.org
  - National Research Mentoring Network
  - Professional Organizations - SWE.org ASME.org ASEE.org

- Tap into CSULB Resources:
  - 100+ Women Strong
  - Career Development Center
  - Women in Engineering Workshop
  - Graduate Student Success Center
  - Associated Eng. Student Body
  - Eng. Student Success Center
Thanks for Attending!

- We hope you came away feeling inspired and part of a community of future engineers here at CSULB.
- Thanks to sponsor SCE and presenters for sharing their experiences/wisdom.
- We are tentatively planning another event on April 30, so as you exit this meeting, please take a moment to fill out the brief survey so we can find out which topics are of interest.
- If you’d like to receive your complimentary Pentel mechanical pencil, please also be sure to include your current mailing address at the bottom of the survey. You can find the survey in the chat.

100+ Women Strong Workshop
March 19, 2021