Stanford



Shoshanah Cohen

Director of Community Engaged Learning - Engineering, DCEL

Bio

BIO

Shoshanah directs community engaged learning for engineering, working to strengthen and expand experiential learning opportunities for students through partnerships with local, national, and international communities, bringing 20+ years of industry experience to her role. Shoshanah started her career working in manufacturing and spent more than 20 years in the field of global operations; she was a senior partner with PRTM Management Consultants, where she led PRTM's global Supply Chain Innovation practice. She has written two books and numerous articles focused on supply chain strategy. Prior to joining the Haas Center, she served as the Director of the Stanford Global Supply Chain Management Forum, an industry-academic partnership housed at the Graduate School of Business. Her teaching focuses on project-based experiential opportunities.

Shoshanah serves as a Lecturer in Mechanical Engineering, where she teaches the senior capstone course, ME 170 A/B, a project-based community engaged sequence. She also teaches Energy and Sustainable Development (Energy 177A/B), a two-quarter, project-based course sequence that address cultural, sociopolitical, organizational, technical, and ethical issues at the heart of implementing sustainable engineering projects in a developing world.

Shoshanah is actively engaged in local community organizations focused on education and services for underserved students. She is a passionate advocate for girls in STEM and coaches a robotics team comprised of 55 girls from 22 high schools.

CURRENT ROLE AT STANFORD

Director, Community Engaged Learning, Engineering

Lecturer, Mechanical Engineering

Advisor, Engineers for a Sustainable World

HONORS AND AWARDS

- Member, Tau Beta Pi
- Certified Fellow, APICS Supply Chain Council (1998-present)

EDUCATION AND CERTIFICATIONS

- MBA, Harvard Business School , Business
- MA, Boston University , Technology Strategy
- BS, Stanford University , Industrial Engineering

Teaching

COURSES

2026-27

- Biomechanical Engineering Capstone I: ME 172A (Aut)
- Biomechanical Engineering Capstone II: ME 172B (Win)
- Mechanical Engineering Design- Integrating Context with Engineering: ME 170A (Aut)
- Mechanical Engineering Design: Integrating Context with Engineering: ME 170B (Win)

2025-26

- Biomechanical Engineering Capstone I: ME 172A (Aut)
- Biomechanical Engineering Capstone II: ME 172B (Win)
- Engineering and Sustainable Development: Implementation: ENERGY 177B, ENERGY 277B (Spr)
- Engineering and Sustainable Development: Toolkit: ENERGY 177A, ENERGY 277A (Win)
- Mechanical Engineering Design- Integrating Context with Engineering: ME 170A (Aut)
- Mechanical Engineering Design: Integrating Context with Engineering: ME 170B (Win)

2024-25

- Engineering and Sustainable Development: Implementation: ENERGY 177B, ENERGY 277B (Spr)
- Engineering and Sustainable Development: Toolkit: ENERGY 177A, ENERGY 277A (Win)
- Mechanical Engineering Design- Integrating Context with Engineering: ME 170A (Aut)
- Mechanical Engineering Design: Integrating Context with Engineering: ME 170B (Win)

2023-24

- Engineering and Sustainable Development: Implementation: ENERGY 177B, ENERGY 277B (Spr)
- Engineering and Sustainable Development: Toolkit: ENERGY 177A, ENERGY 277A (Win)
- Mechanical Engineering Design- Integrating Context with Engineering: ME 170A (Aut)
- Mechanical Engineering Design: Integrating Context with Engineering: ME 170B (Win)

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Editorial Advisory Board, International Journal of Information Systems and Supply Chain Management (2009 - present)
- Industry Advisory Council, Ritchie School of Engineering and Computer Science, University of Denver (2022 - present)
- Chair, Community Engagement Division, American Society for Engineering Education (2015 - present)
- Editorial Board, Supply Chain Management Review (2004 - 2010)
- Supply Chain Advisory Council, Target Corporation (2015 - 2020)
- Advisory Board, Aera Technology (2014 - present)

Publications

PUBLICATIONS

- **Longitudinal Capstone Design Collaboration for Cleaner Brick Kilns in Bangladesh** *ASEE Annual Conference*
  Cohen, S.

2026

- **Lessons Learned from Partnering with a Local Regenerative Farm in a Mechanical Engineering Capstone Course** *ASEE Annual Conference*
  Cohen, S.
  2024
- **Guiding Questions for Equitable and Impactful Engineering Community-Engaged Learning** *Advances in Engineering Education*
  Reynolds, E., Cohen, S., Trego, M., Taha, K.
  2022; 10 (1)
- **Creating an Enduring Partnership in a Mechanical Engineering Capstone Course** *ASEE Annual Conference*
  Cohen, S.
  2021
- **Engagement in Practice: Engaging the Community through Educational Outreach** *ASEE Annual Conference & Exposition*
  Jordan-Bloch, S.
  2018
- **Strategic Supply Chain Management**
  Cohen, S., Roussel, J.
  McGraw Hill.2015
- **Strategic Supply Chain Management: The Five Disciplines for Top Performance**
  Cohen, S., Roussel, J.
  McGraw-Hill Education.2013