



Dr. Huihui Qi

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Dr. Huihui Qi is an Associate Teaching Professor in the Department of Mechanical and Aerospace Engineering at University of California San Diego (UCSD). She received a B.S. in Aerospace Engineering from Beijing Institute of Technology, China and Ph.D. in Mechanical Engineering from Rutgers University-New Brunswick, USA.

Dr. Qi's research in engineering education aims to investigate pedagogical approaches that are informed by psychological theory and grounded in the discipline, with the primary goals of facilitating the success of engineering students, fostering deep learning and critical thinking, and igniting and maintaining their intrinsic motivation for learning. Additionally, she has a keen interest in the development of course-integrated interventions designed to empower students to become effective and self-

regulated learners. These interventions focus on nurturing and enhancing cognitive, metacognitive, and affective regulation skills in the context of learning.

Dr. Qi has taken on the role of principal investigator or co-PI on various research grants, including recent ones awarded by the National Science Foundation, where she served as the PI for projects related to oral exams and metacognition education. Her contributions to engineering education research, along with her dedicated team, have received recognition in several media outlets, including prominent mentions in the Wall Street Journal, EdSurge, and UCSD Today.

Dr. Qi is an active member of the American Society of Engineering Education (ASEE) and has served in several leadership positions including Cooperative & Experiential Education Division program co-chair and Mechanics Education Division Officer. She has received numerous awards for her teaching and research in engineering education, including the recent UCSD School of Engineering Best Teacher Award for 2021 and 2022, UCSD 2021 Academic Integrity Award and, ASEE Best Paper Award from the Mechanics Education Division in 2023.