

Randa Shehab

Randa L. Shehab, Ph.D., is the Senior Associate Dean for Academic Affairs and Faculty Development, and Nettie Vincent Boggs Professor. Shehab previously served as the director of the School of Industrial Engineering at the University of Oklahoma. She is co-founder and co-coordinator of the [Data Science and Analytics MS Program](#). She also serves as director of the Sooner Engineering Education Center and is a member of the [Research Institute for STEM Education](#), a multi-disciplinary research group investigating factors related to equity and diversity in engineering student populations.

Before joining OU, Shehab worked as an Ergonomics Consultant to the Manufacturing Ergonomics Laboratory at the General Motors Technical Center in Warren, Michigan. She teaches undergraduate and graduate level courses in ergonomics, industrial engineering, and statistical design and analyses. She has worked with the Spaceflight Ergonomics Research Program at OU since 1992 on issues related to cognitive performance of astronauts in microgravity. For more than the past decade, her research has focused on the advancement of equality and diversity in engineering education through the study of engineering students' experiences and the improvement of the educational climate.

Shehab is a member of the [Institute of Industrial Engineers](#), the [American Society for Engineering Education](#), and the [Human Factors and Ergonomics Society](#). She serves on the Board of Directors for [Women in Engineering ProActive Network \(WEPAN\)](#).