

## Dedication to Joseph Edward Shigley

**Joseph Edward Shigley (1909–1994)** is undoubtedly one of the most known and respected contributors in machine design education. He authored or co-authored eight books, including *Theory of Machines and Mechanisms* (with John J. Uicker, Jr.), and *Applied Mechanics of Materials*. He was Coeditor-in-Chief of the well-known *Standard Handbook of Machine Design*. He began *Machine Design* as sole author in 1956, and it evolved into *Mechanical Engineering Design*, setting the model for such textbooks. He contributed to the first five editions of this text, along with co-authors Larry Mitchell and Charles Mischke. Uncounted numbers of students across the world got their first taste of machine design with Shigley's textbook, which has literally become a classic. Practically every mechanical engineer for the past half century has referenced terminology, equations, or procedures as being from "Shigley". McGraw-Hill is honored to have worked with Professor Shigley for over forty years, and as a tribute to his lasting contribution to this text book, its title will officially reflect what many have already come to call it – *Shigley's Mechanical Engineering Design*.

Having received a Bachelor's Degree in Electrical and Mechanical Engineering from Purdue University and a Master of Science in Engineering Mechanics from The University of Michigan, Professor Shigley pursued an academic career at Clemson College from 1936 through 1954. This led to his position as Professor and Head of Mechanical Design and Drawing at Clemson College. He joined the faculty of the Department of Mechanical Engineering of The University of Michigan in 1956, where he remained for twenty-two years until his retirement in 1978.

Professor Shigley was granted the rank of Fellow of the American Society of Mechanical Engineers in 1968. He received the ASME Mechanisms Committee Award in 1974, the Worcester Reed Warner Medal for outstanding contribution to the permanent literature of engineering in 1977, and the ASME Machine Design Award in 1985.

Joseph Edward Shigley indeed made a difference. His legacy shall continue.