John Fowler

Department Chair, Supply Chain Management
Motorola Professor of International Business

John Fowler’s research interests include the use of modeling and analytics to solve problems in manufacturing and service systems. More specifically he has used discrete event simulation, deterministic scheduling and multi-criteria decision-making to address operational and logistics issues in the semiconductor manufacturing and health care domains.

Fowler has published more than 100 articles in then leading journals, including Operations Research, Production and Operations Management, Decision Sciences, the European Journal of Operational Research, the Journal of Simulation, the Journal of Scheduling, the International Journal of Production Research, the International Journal of Production Economics and IIE Transactions. He has also co-authored over 100 conference papers.

His research has been supported by the National Science Foundation, the Semiconductor Research Corporation, International SEMATECH, Infineon Technologies, Intel, Mars Foods, Motorola, National Semiconductor, Siemens, and the Mayo Clinic.

Fowler has been the chairman or co-chairman of 35 doctoral dissertation committees. He was the program chairman for the 2002 and 2008 Industrial Engineering Research Conferences and the 2008 Winter Simulation Conference.

He is currently serving as Editor-in-Chief for the Institute of Industrial Engineers Journal focused on health care delivery systems titled IIE Transactions on Healthcare Systems Engineering. He is also an Editor of the Journal of Simulation. He is a Fellow of the Institute of Industrial Engineers and recently served as the IIE vice president for continuing education, is a former INFORMS vice president and serves on the Winter Simulation Conference Board of Directors.

Fowler earned bachelor’s, master’s and Ph.D. degrees at Texas A&M University. In 1995 he joined the Ira A. Fulton School of Engineering in the Department of Industrial Engineering, where he was named full professor in 2003. He also was named an affiliated professor in the Department of Management at the W. P. Carey School of Business from 2001 to 2006. In 2011 he was appointed chairman of the Department of Supply Chain Management.

About W. P. Carey

ASU’s W. P. Carey School of Business is one of the largest and highest-ranked business schools in the United States. The school boasts an acclaimed faculty that includes a Nobel Prize winner, two members of the National Academy of Sciences, a Guggenheim Fellow, and a fellow of the American Academy of Arts and Sciences. Many faculty members are also on the editorial boards of academic journals and publications.