

## **T. Michael Toole** **Dean, College of Engineering**



Mike Toole has been an entrepreneurial and interdisciplinary leader in the military, industry and academia. Before becoming the Dean of the University of Toledo College of Engineering\* in August 2017, Dr. Toole spent 18 years at Bucknell University, where his positions included Associate Dean of Engineering, Professor of Civil and Env. Engineering, Director of the Grand Challenges Scholars Program, Director of the Institute for Leadership in Technology and Management, Senior Fellow in the Society & Technology Residential College, an elected member of Faculty Council, and an appointed member of Presidential Task Forces studying campus climate, online learning, and the creation of a college of management.

A professional civil engineer (PA), Toole received a B.S. in Civil Engineering from Bucknell University, and an M.S. in Civil Engineering and Ph.D. in Technology Strategy from M.I.T.

His scholarship focuses on Prevention through Design, in which designers explicitly consider the safety of construction and maintenance workers, and he initiated and maintains <http://www.designforconstructionsafety.org>. His Google Scholar Citations = 1982, h-index = 18, i10-index = 27 (as of July 14, 2021).

Previous employment includes serving as a Company Commander in a Seabee Battalion and Asst. Resident Officer in Charge of Construction with U.S. Navy Civil Engineer Corps, Purchasing Manager with Ryland Homes, and Vice President with a multidisciplinary engineering firm. He co-founded three ventures involving innovative design or construction.

He served as Vice Chair of the ASCE/Construction Institute Prevention through Design Committee and the Site Safety Committee and as Co-Chair of the NIOSH NORA Construction Sector Council Prevention through Design workgroup.

Toole's current board memberships include as a Director on the ASEE Engineering Deans Council Executive Committee, Chair of the Ohio Engineering Deans Council, and member of the Grand Challenges Scholars Program Interim Executive Committee, the Toledo Society of Professional Engineers Board, the Engineers Foundation of Ohio Board, and the Board of the Better Business Bureau of NW Ohio and SW Michigan.

Past honors include being elected a Fellow within ASCE, receiving Best Paper awards from an ASCE journal and an ASCE conference, receiving the Class of 1956 Teaching Award, and being nominated by Bucknell for the U.S. Professor of the Year award. He is a member of the Order of the Engineer and six national honor societies.

*\*The University of Toledo College of Engineering enrollment is ~3000 undergraduate and ~250 graduate (master's and PhD) students. There are six academic departments offering 22 degree programs, ~75 full-time faculty, ~35 part-time instructors, a dedicated Career Development Center that places ~1600 full-time co-ops per year, and an industrial testing and research center. Four faculty deliver a BS in Computer Science Engineering program at the Lorain County Community College campus. Research expenditures average \$8M per year, including by ten research engineers who work full-time at the NASA Glenn Research Center.*