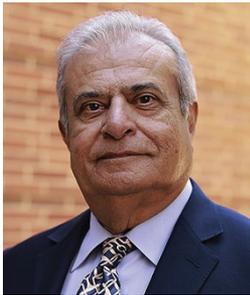


Tau Beta Pi Announces 2022 McDonald Mentor Asad M. Madni, Ph.D., C.Eng.

Knoxville, TN — Tau Beta Pi, The Engineering Honor Society, has named its 16th McDonald Mentor. Established in 2005 by Marion and Capers W. McDonald, *NC Gamma '74*, and the Association, the award recognizes excellence in engineering educators or professionals who consistently support the personal and professional development of their students and colleagues in industry, government or service organizations.

Asad M. Madni, Ph.D., C.Eng., *CA Epsilon '69*, is the 2022 Tau Beta Pi McDonald Mentor. He will receive \$1,000, a bronze engraved medallion, and replica lapel pin. A \$1,000 grant will be presented to the nominating chapter, California Epsilon at the University of California, Los Angeles.

His biography follows:



Dr. Madni received B.S. and M.S. degrees from UCLA, Ph.D. from California Coast University, and S.E. from MIT Sloan School of Management. He has been awarded honorary doctorates from Ryerson University (D.Sc.), Technical University of Crete (D.Eng.), California State University, Northridge (Sc.D.), Universiti Kebangsaan Malaysia (Ph.D.), National Chiao Tung University (Ph.D.), and Tufts University (D.Eng.).

Award nominations recognized Dr. Madni for his world-renowned engineering and scientific contributions to the development and commercialization of sensors and systems, service to the engineering profession, and five decades of mentoring and advising high school, undergraduate, graduate, and post-doctoral students & scholars, faculty members, and engineers & executives in industry. He was also cited for his exceptional vision “with a keen insight and perspective in advising researchers and rising entrepreneurs through the demanding engineering and scientific challenges.”

Since 2011, he has been a Distinguished Adjunct Professor and Distinguished Scientist at the UCLA ECE department. Prior to UCLA, he was President, COO, and CTO of BEI Technologies; and Chairman, President and CEO of Systron Donner Corp. He is credited with more than 200 publications and 69 issued or pending patents resulting in numerous “industry firsts.” The global impact and significance of his pioneering contributions have been recognized worldwide with major honors (including 2022 IEEE Medal of Honor, 2022 RAE Prince Philip Medal, 2015 IET J.J. Thomson Medal, and 2016 Ellis Island Medal of Honor), election to the most prestigious academies/professional societies (including National Academy of Engineering, National Academy of Inventors, Royal Academy of Engineering, and Canadian Academy of Engineering), and six honorary professorships.

As an advocate for underrepresented groups of individuals and equality for five decades, his dedication to mentoring students of diverse backgrounds is a testament of his devotion to raising the next generation of highly effective leaders. His students & mentees hold the highest positions in academia and industry and during his career as CEO of two Fortune 500 companies, he championed female candidates.

A colleague stated, “Dr. Madni’s technical leadership, management skills, and technical contributions have solved fundamental problems that have had a worldwide impact in improving our economy and quality of life. His mentorship of students, engineers, executives, and underrepresented minorities has played a significant role in establishing the foundation for this country’s 21st century workforce.”