GALLOGLY COLLEGE OF ENGINEERING
STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING
The UNIVERSITY of OKLAHOMA

Leadership Lecture Series 2026-2027

LEANING INTO INTERDISCIPLINARY RESEARCH AND EDUCATION IN BIOMEDICAL ENGINEERING



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Friday, November 6, 2026 | 11:00 a.m.

Thurman J. White Forum
Conference Room A

ABSTRACT

A major strength of biomedical engineering is the interdisciplinary nature of the discipline. While some may argue that the breadth of the discipline is a weakness, the diversity of expertise has led to numerous innovations in healthcare, such as surgical robots, point-of-care diagnostic systems, and image-guided medical interventions. In this talk, I will share how my interdisciplinary training has catalyzed collaborative projects that span diagnostic and therapeutic applications. Additionally, I will present on department strategic initiatives that are based on and designed to amplify interdisciplinary research and education.

BIO

Dr. Tyrone Porter is Professor and Chair of Biomedical Engineering and holder of the Donald J. Douglass Centennial Professorship in Engineering at The University of Texas at Austin. He is a Fellow of the Acoustical Society of America (ASA), Fellow of the American Institute for Medical and Biological Engineering (AIMBE), and Fellow of the Biomedical Engineering Society for contributions to the fields of nanomedicine and biomedical ultrasound and inspirational leadership in BME. Dr. Porter has held various leadership roles for professional societies, including a member of the Board of Directors for the American Institute of Physics (AIP) and the Vice President for the ASA. In these roles, Dr. Porter has championed initiatives that broaden participation in the physical and biomedical sciences and expanded awareness on the positive impact that science has on society.