

Michael A. Matthews

CURRENT POSITIONS

Associate Vice President for Research & National Laboratory Relations
Vice Dean, Molinaroli College of Engineering & Computing
Professor of Chemical and Biomedical Engineering
Clearance: DOE Q

EDUCATION

Texas A&M University	Chemical Engineering	Ph.D. 5/84-12/86
Texas A&M University	Chemical Engineering	M.S. 9/81-5/84
Texas A&M University	Chemical Engineering	B.S. 9/75-5/79

PROFESSIONAL APPOINTMENTS

Texas Eastman Company, Longview TX. Chemical Engineer, 12/1979-08/1981
Texas A&M University, Post-doctoral researcher. 01/1987-08/1987
University of Wyoming, Laramie WY. Assistant/Associate Professor, 08/1987-12/1993
University of South Carolina, Columbia SC. 01/1994-present

NARRATIVE

As Associate VP for Research & National Laboratory Relations, Matthews is the primary point of contact and leads efforts to expand research and workforce development with the Savannah River National Laboratory. He serves on the Mission Committee for Battelle Savannah River Alliance LLC, which operates the Lab. He serves as Facility Security Officer for SRNL/DOE. Matthews serves on the USC research security advisory team and advises the Chief Research Security Officer on matters involving the Lab and university faculty. He established and leads the National Laboratories Office and is responsible for administering the \$16M fund provided by the State of South Carolina for STEM workforce development.

As Vice Dean of Engineering and Computing, Matthews advises the dean and faculty on a variety of matters including research security, outside professional activities, university affiliates, as well as college strategic initiatives. He oversees the Assistant Dean for Graduate Studies and activities related to recruitment and funding of graduate students, administration of college fellowship funds, and academic petitions and appeals. He also advises the dean and relevant university offices on laboratory renovations and lab safety.

Matthews has published over 70 refereed papers and has presented over 110 technical presentations. He has been Principal or co-Principal investigator on over \$20M in awards at USC, including NSF, NIH, EPA, DOE, and DoW, as well as \$10M for a State of South Carolina Smart State Center for Rehabilitation and Reconstruction Sciences. He holds five U.S. patents.

Matthews is a Fellow of both the American Institute of Chemical Engineers (AIChE) and of the American Chemical Society (ACS). He is a lifelong member of the American Society of Engineering Education (ASEE) and received the ASEE/Chemical Engineering Division 2007 William Corcoran Award for Best Paper in Chemical Engineering Education. In 2019 he received the Joe Gibbons Outstanding Teaching Award from his department. In 2020 he received the University of South Carolina Mungo Award for Graduate Teaching.