

Dr. Renetta Garrison Tull is Associate Vice Provost for Graduate Student Professional Development & Postdoctoral Affairs at the University of Maryland, Baltimore County (UMBC: An Honors University in Maryland), where she is the Co-PI and Founding Director for the National Science Foundation's PROMISE: Maryland's Alliance for Graduate Education and the Professoriate (AGEP) for the 12 institutions in the University System of Maryland (USM), Co-PI/Co-Director for the Louis Stokes Alliance for Minority Participation (LSAMP) program for undergraduates in the USM, and Co-PI for the LSAMP Bridge to the Doctorate program at UMBC. A native of Plainfield, NJ, and graduate of the Plainfield Public School System, Tull obtained the B.S. in Electrical Engineering from Howard University in Washington, D.C., M.S. in Electrical Engineering and Ph.D. in Speech Science, both from Northwestern University in Evanston, IL. Following a postdoctoral appointment in vocal physiology at the University of Wisconsin-Madison, Dr. Tull became a professor of Communications Sciences and Disorders, and founded the Speech Technology Lab at Madison, in collaboration with the Department of Industrial Engineering. Her research on pathological voice recognition was part of projects with the National Technical Institute of the Deaf, and the Trace Center for accessible technologies in Wisconsin.

After working as a professor in Wisconsin, and experiencing entrepreneurship with an emerging technology company, Dr. Tull came to UMBC as the Founding Director of PROMISE, which has inspired replication of initiatives at the University of Pittsburgh, Cornell, and MD Anderson Cancer Center in Texas. Dr. Tull develops programs in the STEM pipeline, getting them through undergraduate programs in STEM fields, and moving them through the PhD and into advanced STEM careers. She has worked with thousands of students, from Alaska to Puerto Rico, and in Latin America through workshops that have been sponsored by AGEP, The National GEM Consortium, National Society of Black Engineers, Society for Hispanic Professional Engineers, Society for the Advancement of Chicano, and Native American Scientists, American Indian Science and Engineering Society, and the Alliance/Merck Ciencia Hispanic Scholars Program. Tull is on the board of advisors for the PNW-COSMOS Alliance to increase the number of American Indian/Alaska Native (AI/AN) students who complete STEM graduate programs, the AGEP T-PAC led by Tuskegee University, and the Transition to the Doctorate by Adaptable Engagement (AGEP-TDAE) led by the University of Pittsburgh.

Tull's publications cover STEM retention strategies. She is a mentoring consultant for Purdue, Carnegie Mellon, Cornell, MIT, and other schools. She co-led the "ADVANCE Hispanic Women in STEM" project in Puerto Rico, and the Latin and Caribbean Consortium of Engineering Institutions' (LACCEI) "Mujeres en STEM y Diversidad" forum. Tull was a "Cover Girl" for O'Reilly Media's "Women in Data" in 2015, and a finalist for the 2015 Global Engineering Deans Council/Airbus Diversity Award. Her platform for faculty diversity was acknowledged at the "Top 10" reception in Italy during the World Engineering Education Forum. She presented as one of the three finalists for engineering diversity initiatives in Australia, and has been an invited participant in meetings for STEM initiatives that have been sponsored by the White House. She has presented on diversity and inclusion in STEM throughout the US and Puerto Rico, in Latin America, Europe, Australia, the UAE, and India. She is a speaker for the 2016 Gender Summit (GS8) in Mexico City, and is on the International Advisory Committee for the Fourth International Conference on Transformations in Engineering Education (ICTIEE 2017) – Hyderabad, India. She is a Tau Beta Pi "Eminent Engineer."