Andre Taylor, Ph.D.

Andre Taylor graduated from Smith-Cotton High School in 1991. He received a Chemical Engineering degree from The University of Missouri-Rolla in 1995, a Master's Degree from The Georgia Institute of Technology in 2000, and a Ph.D. from The University of Michigan in Chemical Engineering in 2005. Currently, he is an Assistant Professor in the Department of Chemical Engineering at Yale University.

While at Smith-Cotton, Dr. Taylor was a senior class officer, a student council member, and a basketball and soccer player. He was also an exchange student to Spain, where he studied for a year. He was an Eagle Scout, National Merit Scholar, and National Honor Society member. He received the African American Junior Achievement Award, the George Washington Carver Award, and the Presidential Academic Fitness Award. Dr. Taylor was on the "A" Honor Roll every semester throughout high school and had perfect attendance during his high school career.

Dr. Taylor's professional life has been devoted to academia. From 1992 to 1994 he was a project engineer for General Motors and a process engineer for Monsanto. He was an honors intern for the Federal Bureau of Investigation in 1995 before working for DuPont as a Research Engineer in 1996. While at The Georgia Institute of Technology, he was a Graduate Research Assistant, and in 2000 he returned to DuPont as a Technology Transfer Engineer. At the University of Michigan from 2002 to 2008, Dr. Taylor served as an Organic Chemistry Instructor, Graduate Research Assistant, Research Investigator, and Research Scientist.

Throughout his career, Dr. Taylor has been published in countless professional, peer-reviewed journals. He has led or been part of important research for Yale University, NASA, Air Force Scientific Research Division, The University of Michigan, Eastman Kodak, and many others. He is a frequent presenter internationally and throughout the United States at universities, professional conventions, and government agencies. He is currently specializing in research focused on micro-fuel cells, inkjet printing technology, and electro-catalysts.

Throughout his educational and professional life, Dr. Taylor has been recognized for his prodigious accomplishments and abilities. He received the Presidential Early Career Award for Scientists and Engineers and Yale's Greer Memorial Prize in 2011. He has received the Eastman Kodak Dr. Theophilus Fellowship Award, University of Michigan's Scholar Power Award, and the National Science Foundation Career Award. He is a member the Electrochemical Society, American Chemical Society, Material Research Society, and the American Institute of Chemical Engineers. He is also in the National Organization of Black Chemists and Chemical Engineers, Dean of the Yale Chapter of the National Society of Black Engineers, and a member of the Engineering Honor Society.

Inducted in Smith-Cotton Academic Hall of Fame, 2013