

**Austin V. Harton** is an Associate Professor of Physics and Engineering in the Department of Chemistry, Physics, and Engineering Studies at Chicago State University (CSU). He received S.B., S.M., and Ph.D. degrees in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology (MIT). Since joining CSU, he has served as the Chair of the Chemistry, Physics, and Engineering Studies Department from 2017 to 2019. From 2012 to 2017, he was the Interim Director of Engineering Studies. Prior to joining CSU in 2009, he spent twenty years in Electrical Engineering research and has held technical staff positions at M.I.T. Lincoln Laboratory, Bell Laboratories, and most recently was a Distinguished Member of the Technical Staff at Motorola, Inc. During his time in the industry, he performed research and development in areas related to air traffic control systems, laser physics, laser/optical systems, very large-scale integration (VLSI) technology, and digital imaging and display systems. His current research at CSU involves high-energy nuclear physics. Since 2011, he has been a member of the ALICE Collaboration at the Large Hadron Collider (LHC) in Geneva, Switzerland. While in ALICE he has performed research on Ring Imaging Cherenkov (RICH) detectors and forward triggering detectors. He has publications and patents spanning the areas of laser physics, optical systems, digital displays, imaging systems, and high-energy physics. Professor Harton has a passion for introducing undergraduates to research and increasing the number of students from underrepresented groups pursuing careers in STEM fields. He is currently co-PI of a program at CSU that has taken 27 undergraduate students over the past 12 years abroad to the LHC to perform research on the ALICE experiment.