

1125-01-1926      **Johnny L. Houston\*** (jlhouston602@gmail.com). *The Culture and History of Mathematics In The Atlanta University Center (AUC)*.

The Atlanta University Center (AUC) is the largest contiguous consortium of private African Americans institutions in higher education in the United States and the AUC has a rich legacy for producing large numbers of African American scholars and leaders in the fields of Science, Technology, Engineering, and Mathematics (STEM). Specifically, The AUC legacy in the field of mathematics is exemplary. In this presentation the author explains the unique culture and history of mathematics in AUC institutions. He identifies dozens of notable mathematics faculty who taught in AUC institutions and scores of notable mathematical scientists that AUC institutions have produced; some of these individuals are discussed in details. The author/presenter entered AUC as a student in 1960, where he earned two degrees in mathematics: a BA degree from Morehouse, in 1964, and an MS degree in mathematics from Clark Atlanta University in 1966. The presenter also served as Chair of the Mathematics Department at Clark Atlanta University for six (6) years and later as a Visiting Professor of Mathematics at Morehouse College. Also, he has given mathematical presentations at Spelman College/Morris Brown College. (Received September 19, 2016)