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Dr. Morris is a Professor with tenure in the Department of Chemistry and the Director of the Atmospheric Sciences Program at Howard University. He also maintains an adjunct appointment in the Environmental Engineering Program. Dr. Morris is the chief architect of the Atmospheric Sciences Program, which is the first PhD-degree granting Atmospheric Sciences program at any minority-serving institution and the only degree-granting interdisciplinary graduate program at Howard University. The Howard University Program in Atmospheric Sciences (HUPAS) was implemented in 1998 and is already a national leader in the production of minority PhDs in its field. Over 50% of the African American and 30% of the Hispanic American PhDs in Atmospheric Sciences produced over the last decade have come from this program. It is noteworthy to mention that 97% of the alumni are working in their respective fields across federal agencies, private sector, and academia.

Beginning with an NSF CAREER award in 1997, Dr. Morris has raised more than \$60M in research funding, coordinated the establishment of memoranda of understanding with nine academic and research institutions in six different countries in Africa and Southeast Asia, and helped guide the success of multiple research centers. He has guided the research for more than 150 students at the graduate, undergraduate, and high school levels, published over 75 refereed papers, book chapters, and conference proceedings, ranging from quantum chemistry to the impacts of lightning in tropical Africa, and has made over 100 invited talks and national conference presentations.

The research themes that guide the current projects are (i) the impact of aerosols on global atmospheric chemistry and climate, (ii) the role and influence of tropospheric aerosols on regional environmental health, (iii) the fundamental roles of particulate in extraterrestrial atmospheres, and (iv) the interplay between weather phenomena (e.g. dust storms, lightning, and precipitation) and atmospheric chemistry, i.e. "chemical meteorology".

Dr. Morris received BS degrees in chemistry and mathematics from Morehouse College and his PhD in Earth and Atmospheric Sciences from the Georgia Institute of Technology. He has enjoyed advanced study in Sicily (Erice), at the Lawrence Livermore National Laboratories, and as a Presidential Postdoctoral Scholar at the University of California (Davis). He often jokes that he is living his childhood dream of being an explorer as he has conducted research on five of the seven continents and two of the three major Oceans.

Dr. Morris has served as the PI and Director of a NOAA cooperative science center for Atmospheric Sciences research since 2001. This center, formerly the NOAA Center for Atmospheric Sciences (NCAS) is principally aligned with the National Weather Service but also partners with other branches of NOAA and other federal agencies (e.g. EPA, NASA, DoD) and private sector partners. NCAS is the largest and most multidisciplinary research program on the Howard University campus. It currently supports the research of over sixty students, postdoctoral fellows, and faculty spanning four colleges and eight departments on the Howard

University campus and at its twelve partnering academic institutions: Jackson State University, University of Maryland Baltimore County, the University of Maryland College Park, Penn State University, the University of Puerto Rico at Mayaguez, the University of Texas El Paso, Fort Valley State University. Universidad Metropolitana de San Juan, San Jose State University, San Diego State University, Tuskegee University, and the New York University at Albany. NCAS research integrates disciplines as economics, journalism, psychology, and sociology into research on marine sciences, climate change, and atmospheric chemistry to address 21st century challenges for science, technology and society.

Dr. Morris has won numerous academic and scientific honors and awards including being recognized as one of the 50 Most Influential Blacks in Science and Technology in 2011, inducted as a History Maker in Science in 2012, winning the NOBCChE Henry Cecil McBay Outstanding Teacher Award (2012), a Fulbright Specialist Award (2013), and in 2016 being named a Fellow of the American Meteorological Society.

Dr. Morris has been deeply committed to science literacy and educational outreach since he was an undergraduate at Morehouse College. As a sophomore, he became the Director of the Frederick Douglass Tutorial Institute. A student-run Saturday School designed to serve youth from the municipal housing developments surrounding the Atlanta University Center. This weekly event attracted 60-100 students from the Atlanta public school system from first grade through tenth grade and assigned tutors for math, science, reading, English, and history. More recently, Dr. Morris has created and continues to manage a national network of weather camp programs. These are nationally recognized summer programs for high school and middle school students to explore academic and professional opportunities in weather, climate, and environmental sciences. Initiated in 2002 in Washington, DC., the affiliate camps currently operate in eleven locations within the continental US and one in Puerto Rico. To date, over seven hundred (700) high school and middle school students have participated in his camps with several camp alumni now pursuing their PhDs in Atmospheric Sciences. The camps have also spread to Barbados, Philippines, and plans for other African and Caribbean nations are in the works.

Locally, Dr. Morris sponsors a series of "Community Science Fests". This program is a model for bringing science to communities or subpopulations that are not traditionally exposed to such opportunities. Engaging and immersive hands-on activities designed to show students from elementary school through high school are conducted in a variety of settings. Most often, in the community of the students comprising the audience. The events are open but the venues are selected to ensure that underprivileged children have full and direct access to science, that their parents have access to scholarship and program information for their children, and that linkages are provided for return events, open forums, tutoring, and academic reinforcement. He has also conducted these programs in Washington, DC, the Philippines, Puerto Rico, and Sudan, and has plans on further expansion as more partnerships and opportunities develop.