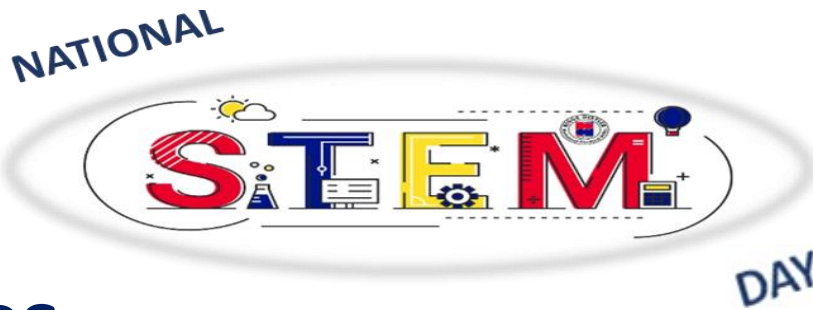




**Blacks in Government  
National Science Foundation Chapter  
Program and Planning Committee**



## **SPEAKERS**



**Dr. Frances Carter-Johnson** is the Data Scientist in the Division of Equity for Excellence in STEM (EES), the National Science Foundation's (NSF) Directorate for STEM Education (EDU). In this role, she is responsible for assessing outcomes, impacts and portfolios of broadening participation programs and contributing to the body of knowledge about participation and advancement of individuals traditionally underrepresented in STEM. She received dual bachelor's degrees in physics and mechanical engineering from Spelman College and the Georgia Institute of Technology. Her graduate degrees include masters of science degrees in physics and applied physics from Mississippi State University and the University of Maryland Baltimore County (UMBC) and a Ph.D. in public policy from UMBC.

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**Dr. Hendratta Ali** is a Program Director at the National Science Foundation, in the Division of Earth Sciences, Hydrologic Sciences program. She comes to NSF from Fort Hays State University, Kansas, where she is an Associate Professor in the department of Geosciences. She has a BSc in Earth Sciences, an MSc in Soil Sciences, a post graduate degree in Environmental Geoscience from the University of Yaoundé 1, and a Ph.D. in Geology from Oklahoma State University in Stillwater – Oklahoma. Her doctoral research focus was in aqueous and stable isotope geochemistry.

In her science life, Dr. Ali is mostly involved with the fluids and liquids in the environment. Her scholarly work covers topics in exploration geology for water and petroleum, sedimentary geochemistry and stratigraphy, and how dissolved inorganic carbon cycles between waterbodies and the atmosphere. Dr. Ali is also involved in initiatives to increase participation in STEM, and anti-racism work to improve justice and equity in the geosciences. For her work in education and anti-racism efforts, she has received many professional recognitions, honors, and awards.



**Dr. LeRoy Jones, II** is a Program Director for the Louis Stokes Alliances for Minority Participation and the Historically Black Colleges and Universities Undergraduate Programs at the National Science Foundation (NSF) in Alexandria, VA. He received his B.S. degree in Chemistry with a minor in Religious Studies from Bradley University, earned the Ph.D. in Organic Chemistry at the University of South Carolina at Columbia and received postdoctoral training in Organometallic Chemistry at Caltech. Dr. Jones spent two years at BP Amoco Chemicals as a research and development scientist prior to joining Chicago State University (CSU). During his 21-year tenure at CSU, he led an active research group studying self-healing polymers and microwave-induced catalysis, directed several minority-focused programs in STEM and rose to the rank of Full Professor in the Department of Chemistry, Physics & Engineering Studies. After receiving administrative training in the American Council on Education Leadership Fellows Program, Dr. Jones served as the Founding Director of the Center for STEM Education & Research, and later Dean of the College of Arts and Sciences at CSU before transitioning to his current role at the NSF. He is well known at the local, state and national levels for his service on numerous committees and advisory boards and developing initiatives to strengthen the quality and quantity of underrepresented minority students earning baccalaureate and advanced degrees in STEM.

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**Dr. Tori Rhoulac Smith** is a Program Director in the Division of Equity for Excellence in STEM (EES) of the National Science Foundation's Directorate for STEM Education (EDU). She is program lead for NSF's Eddie Bernice Johnson INCLUDES Initiative and the EES Faculty Early CAREER Development program. She also participates on the Historically Black Colleges and Universities - Undergraduate Program team. Dr. Rhoulac Smith manages large center awards, such as the INCLUDES Initiative Coordination Hub and the HBCU-UP STEM Undergraduate Success Broadening Participation Research Center. She was formerly a faculty member and Director of Undergraduate Studies in the College of Engineering, Architecture, and Computer Sciences at Howard University. Dr. Rhoulac Smith earned a Bachelor of Science degree in Civil Engineering from Howard University and Master of Science and Doctor of Philosophy degrees in Civil Engineering from North Carolina State University. As the proud wife of a software engineer and mom of two sons with diverse educational strengths and challenges, STEM education and research are far more than just a career for Dr. Rhoulac Smith, it is intricately interwoven into most facets of her life. She is committed to advancing educational opportunity and achievement for groups that have historically been excluded or underserved.

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**James T. Smith III** is an engineering and physical science researcher for the Department of Defense. In his current assignment at North Carolina State's Laboratory for Analytic Sciences, he is working to engage students and faculty from minority-serving institutions in mission-critical synthetic data research. James earned a Bachelor of Science degree in civil engineering from Howard University and a Master of Science degree in computer science, with a focus on 3D graphics, computer animation, and game design, from the George Washington University. James and his wife, Tori Rhoulac Smith, are the proud parents of two sons in eighth and fifth grade.

