

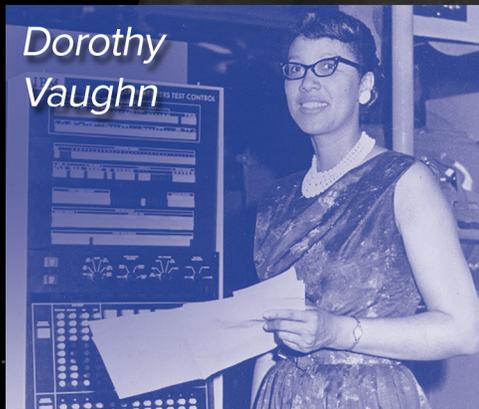


Distinguished | Women's History

LECTURE SERIES

MONTH

THEY BELIEVED THEY COULD SO THEY DID



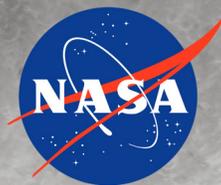
Dorothy
Vaughn



Katherine
Johnson



Mary
Jackson



Presenter:

Dr. Freda Porter, President and CEO, **Porter Scientific Inc.**
First Female Tribal Administrator, **Lumbee Tribe of North Carolina**
March 20, 2019 from 1:30 p.m. to 2:30 p.m.
in the Bobby Junker Executive Conference Center, 14th Floor
Office of Naval Research, 875 N. Randolph St., Arlington, VA 22203

ABOUT

Dr. Freda Porter, President, CEO and Lumbee Tribal Administrator



Dr. Freda Porter, President and CEO of Porter Scientific Inc., has more than 35 years of teaching, research, consulting, and management experience as an administrator, university professor and defense contractor. Twenty of those years have been devoted to researching and applying innovative technologies to protect and restore our environment. As a Professor of Mathematics and Computer Science, she has directed Mathematics and Environmental Science enrichment programs inspiring students to pursue STEM careers. As a defense contractor she has managed computer facility support, environmental compliance, construction quality assurance, and R&D contracts for DoD and DoI. She has managed several Brownfields Assessments and job training programs for EPA. Her national business affiliations have allowed her to help advance economic development initiatives among her tribe and community. She now serves the Lumbee Tribe of North Carolina as Tribal Administrator.

Dr. Porter earned a BS in Applied Mathematics from UNC Pembroke, an MS from North Carolina State University and PhD from Duke University in Applied Mathematics specializing in Numerical Modeling. She was later a

Postdoctoral researcher in the Dept. of Mathematics at UNC Chapel Hill. While there she was involved in groundwater contamination research with EPA and noise modeling and simulation research with NASA Langley Research Center. Current initiatives at Porter Scientific include corrosion research, environmental sustainability and green energy projects with a focus on military and commercial applications.

Since 1997 Dr. Porter has diversified Porter Scientific's business offerings, been awarded a CRADA with the Dept. of the Navy, three blanket purchase agreements, two SeaPort-E awards, a GSA IT contract vehicle, four EPA Brownfields awards, numerous contracts and Master Service Agreements. Porter Scientific has extensive experience addressing Environmental and IT issues at DoD facilities, other government organizations and industry. In 2011 PSCI Engineers PLLC was founded to credential her environmental consulting toolkit and to provide construction management support (License number: P-0980).

Dr. Porter was awarded the 2010 Stellar Award by US Women's Chamber of Commerce, 2009 NC Minority Business Person of the Year, the 2007 UIDA American Indian Business of the Year and UNCP Business Person of the Year. Dr. Porter has been honored by the North Carolina Equity Commission with the CARPATHIAN Award for Speaking Out and was featured in a PBS documentary entitled BREAKTHROUGH: The Changing Face of Science in America. Dr. Porter was nominated to serve on EPA's National Environmental Justice Advisory Council. Most recently, Dr. Porter has joined the NC Defense Business Association Board of Directors and chairs the Women's Innovation and Leadership Forum. Dr. Porter was appointed to the NC Advisory Commission on Military Affairs in 2006 and served through July 2013. She was Chair from 2012 until the end of her tenure on the Commission. She was a Trustee of Smithsonian National Museum of the American Indian from 2006 to 2013, the Chair of the UNC Pembroke Board of Trustees from 2009 to 2011, having served eight years, and was a member of NC State University's Board of Visitors for six years.

Dr. Porter (Lumbee) was born in Robeson County, North Carolina and is one of few American Indians who have earned a doctorate in the Mathematical Sciences.