



## **Mark D. Vaughn, Ph.D., Corning Incorporated**

Dr. Mark D. Vaughn is manager, technical talent pipelining for Corning's Technology Community, and is the lead for the Technology Community Office of STEM. In this role, Vaughn develops, implements and manages PK-20 science and engineering programs and initiatives in support of meeting the Technology Community's near term and long-term technical talent needs. Notably, since 2005, Vaughn has facilitated a regional STEM effort in New York's greater southern tier that today serves 30,000 students and 1000 educators in an effort to raise the bar on STEM for all.

Most recently, Mark's leadership has expanded beyond the Technology Community and now includes pan-Corning efforts involving Environmental Technologies, Life Sciences, Optical Communications, Pharmaceutical Technologies, Display and Mobile Consume Electronics.

Dr. Vaughn began his career with Corning in 1988 as a research technician. He holds a Bachelor of Arts degree in Physics from Alfred University, a Master of Science degree in Optics from the University of Rochester, and a Ph.D. in Electrical Engineering from Georgia Institute of Technology. Prior to his current role, Dr. Vaughn was a research associate in Modeling and Simulation where he was a noted expert in Optical Network Traffic Demand Modeling and Access Network Cost Modeling.

In addition to his primary role, Vaughn has served the Technology Community and Corporation in a variety of other ways including as an Innovation Black Belt, past chairman and co-founder of the Black Technology Network (an employee resource group that champions the contributions and careers of Blacks in the Technology Community) and facilitator for Leadership Fundamentals for Program Managers, one of the corporation's premiere leadership training experiences.

Dr. Vaughn is a native of Elmira, New York. He and his wife, Jeanette (who is an educator and entrepreneur), reside in Painted Post, New York and are the proud parents of 5 children (and have one son-in-law, one daughter-in-law and two grandchildren).