

Nancy Grady

Chief Data Scientist and Solutions Architect
Strategy, Growth, and Innovation Group



Nancy Grady is chief data scientist and solutions architect in the cyber practice within SAIC's Strategy, Growth, and Innovation organization. She leads the development of gray/red cyberspace intelligence solutions and the merging of the cyber and electromagnetic-spectrum domains for situational awareness capabilities for SAIC's customers.

Grady has 35 years of experience in the application of machine learning techniques for data and text analytics systems. She joined SAIC in 2002 to work on text analytics for patent search and later was the analytics lead for a Centers for Disease Control and Prevention program. She then led analytics development support for a Department of Homeland Security effort.

Grady has led a number of SAIC research and development efforts for cyber analytics, big data analytics applications, event situational awareness from open source text, and modeling geospatial outbreak detection.

She was instrumental in the creation of SAIC's process methodology for big data analytics.

Grady, a Ph.D., was the lead editor for the ISO 20546, "Information Technology – Big Data – Overview and Vocabulary" and for the NIST SP 1500-1 and 1500-2 standards for big data definitions and taxonomy. She serves on the industrial track program committee of the IEEE International Conference on Big Data.

Prior to joining SAIC, Grady was a Wigner Fellow and physics researcher at Oak Ridge National Laboratory, performing theoretical modeling of materials. She earned her Ph.D. in theoretical physics from the University of Virginia. She was a dual major in physics and honors mathematics at the University of Tennessee.

Grady pursues her loves for bicycling, photography, and travel with her husband and daughter, in her free time.