



Amy W. Apon, Ph.D.

Dr. Amy Apon joins NSF as a rotator from Clemson University where she has held the position of Professor and Chair of the Computer Science Division in the School of Computing since 2011. As Chair, Apon has led the creation of a new program to grow the graduate enrollment, “CI SEEDS – Seeding the Next Generation Cyberinfrastructure

Ecosystem” and has seen the number of publications and research expenditures more than double in the Division. Apon directs the Big Data Systems Lab where her research focus includes performance modeling and analysis of parallel and distributed system, data-intensive computing, technologies for cluster computing, and the impact of high performance computing to research competitiveness.

Apon was the elected Vice Chair and then Chair from 2009-2012 of the Coalition for Academic Scientific Computation an organization of more than 70 leading U.S. academic institutions. Apon has led multiple successful collaborative NSF-funded projects that support high performance computing, including several awards from the NSF MRI program. Prior to joining Clemson, Apon was Professor at the University of Arkansas where she led the effort to develop the high performance computing capability for the State of Arkansas. The Arkansas High Performance Computing (HPC) Center was funded by the Arkansas Science and Technology Authority in May, 2008, and established under her direction. The acquisition of Red Diamond was the first computer in Arkansas ranked on the Top 500 list, in June 2005. The Arkansas Cyberinfrastructure Task Force Act was passed through her efforts in 2009. Dr. Apon has published over 100 peer-reviewed publications in areas of research, education, and impact of parallel and distributed computing,