Uma Ramamurthy

A researcher in the Cognitive Computing Research Group (CCRG) at the Institute for Intelligent Systems, University of Memphis, Dr Ramamurthy started as an Electrical Engineer, and continued with graduate work in Computer Science at University of Alabama in Birmingham (for her Master's) and at University of Memphis (for her doctorate). She is the Director of Computing in the Pediatric Brain Tumor Consortium (PBTC) and in the Department of Biostatistics at St Jude Children's Research Hospital, Memphis. She has been in medical research informatics at St Jude Children's Research Hospital in Memphis for over 15 years. Dr Ramamurthy has led the Computing initiatives in PBTC from its beginning in 1999, including the design and implementation of the paperless infrastructure for clinical trials and the Neuro-Imaging Transport and Archive System for the PBTC. She was an Adjunct Graduate Faculty member in the Department of Computer Science at University of Memphis. Her research focus has been in modeling cognitive processes related to memory systems, perception, perceptual learning and self-preservation mechanisms for software agents. She has published several conference and journal papers, and has co-authored two book chapters.