

Dr. Tanveer Syeda-Mahmood is an IBM Fellow and the Chief Scientist/overall lead for the global Medical Sieve Radiology Grand Challenge project in IBM Research. As a worldwide expert in artificial Intelligence for medical imaging and clinical decision support, she is leading the company's future in cognitive health and helping define new IBM products through her groups research in biomedical imaging, computer vision, deep learning, knowledge and reasoning.

Dr. Tanveer Syeda-Mahmood graduated with a Ph.D from the MIT Artificial Intelligence Lab in 1993. Prior to coming to IBM, Dr. Syeda-Mahmood led the image indexing program at Xerox Research and was one of the early originators of the field of content-based image and video retrieval. Over the past 30 years, her research interests have been in a variety of areas relating to artificial intelligence ranging from computer vision, image and video databases, to recent applications in medical image analysis, healthcare informatics and clinical decision support. She has over 250 refereed publications and over 100 filed patents. Dr. Syeda-Mahmood has chaired numerous conferences and workshops over the years at forums such as IEEE CVPR, ICCV, ACM, and MICCAI including MICCAI 2016 (Industrial Chair), IEEE HISB 2011 (General Chair), and IEEE CVPR 2008 (Program Chair).

Dr. Syeda-Mahmood is a Fellow of IEEE. She is also a member of IBM Academy of Technology. Dr. Syeda-Mahmood was declared Master Inventor in 2011. She is the recipient of key awards including IBM Corporate Award 2015, Best of IBM Award 2015, 2016 and several outstanding innovation awards. In 2016, she received the highest technical honor at IBM and was conferred the title of IBM Fellow.