

## **Dr. Atam P. Dhawan**



Atam P. Dhawan obtained his bachelor's and master's degrees from the Indian Institute of Technology, Roorkee, and Ph.D. from the University of Manitoba, all in Electrical Engineering. From 1985-2000, he held faculty positions in Electrical & Computer Engineering, and Radiology departments at University of Houston, University of Cincinnati, University of Texas, University of Texas Medical Center (Dallas) and University of Toledo. In July 2000, he joined NJIT where he served as the Chair of the Department of Electrical and Computer Engineering for nine years. Currently he is Distinguished Professor of Electrical & Computer Engineering and Executive Director of Undergraduate Research and Innovation. He is also an Adjunct Professor of Radiology at the University of Medicine and Dentistry of New Jersey.

Dr. Dhawan is Fellow of the IEEE for his contributions in medical imaging and image analysis. He is also an elected Fellow of the American Society of Biological and Medical Engineering. He has published more than 215 research articles in refereed journals, books, and conference proceedings. His current research interests are medical imaging, multi-modality medical image analysis, adaptive learning and pattern recognition. His research work has been funded by NIH, NSF and several industries.

Dr. Dhawan is a recipient of Martin Epstein Award (1984), National Institutes of Health FIRST Award (1988), Sigma-Xi Young Investigator Award (1992), University of Cincinnati Faculty Achievement Award (1994) and the prestigious IEEE Engineering in Medicine and Biology Early Career Achievement Award (1995) and University of Toledo Doermann Distinguished Lecture Award (1999). He served as the Senior Editor of IEEE Transactions of Biomedical Engineering and Editor-In-Charge of IEEE TBME Letters (2007-2012). He is Co-Editor-In-Chief of the new open-access IEEE Journal of Translational Engineering in Health and Medicine.

He has served on many IEEE EMBS professional committees and has delivered several Workshops on Intelligent Biomedical Image Analysis in IEEE EMBS International Conferences (1996, 1997, 2000, 2003). He served as the Chair of the "Emerging Technologies Committee" of the IEEE-EMB Society from 1997-99, and 2009-11. He is also a member of the IEEE Life Sciences Committee. He was the Chair of the "New Frontiers in Biomedical Engineering" Symposium at the World Congress 2000 on Medical Physics and Biomedical Engineering. He was the Conference Chair of the IEEE 28<sup>th</sup> International Conference of Engineering in Medicine and Biology Society, New York in 2006. He served as the Conference Chair of IEEE International Conference on Point-of-Care Healthcare Technologies to be held in Bangalore India from January 16 to January 18, 2013. He serves on the Steering committee on IEEE Transactions on Medical Imaging.

Dr. Dhawan has chaired numerous NIH special emphasis and review panels including the NIH Chartered Study Section on Biomedical Computing and Health Informatics (2008-11). He is listed in Who's Who in the World, Who's Who in America, Who's Who in Engineering, and Who's Who Among America's Teachers.