

John Tsotsos is Distinguished Research Professor of Vision Science at York University. He received his doctorate in Computer Science from the University of Toronto and then joined the University of Toronto on faculty in Computer Science and in Medicine. In 1980 he founded the highly respected Computer Vision Group at the University of Toronto, which he led for 20 years. He was recruited to move to York University in 2000 as Director of the Centre for Vision Research. He has been a Canadian Heart Foundation Research Scholar, a Fellow of the Canadian Institute for Advanced Research and currently holds the Canada Research Chair in Computational Vision. He has received many awards and honours including the 2006 Canadian Image Processing and Pattern Recognition Society Award for Research Excellence and Service, the 1st President's Research Excellence Award by York University on the occasion of the University's 50th anniversary in 2009, and the 2011 Geoffrey J. Burton Memorial Lectureship from the United Kingdom's Applied Vision Association. He was elected as Fellow of the Royal Society of Canada in 2010 and was awarded its 2015 Sir John William Dawson Medal for sustained excellence in multidisciplinary research, the first computer scientist to be so honoured. His current research focuses on a comprehensive theory of visual attention in humans and machines. A practical outlet for this theory forms a second focus, embodying elements of the theory into the vision systems of mobile robots.