



Dr. Newton Howard is an inventor and scientist. He has over 30 years of experience developing technology and bringing it to market including products now owned by Boeing, Intel, Google and Microsoft with the development of emergent technologies and IP. Dr. Howard has over 100 publications, and has generated over 85 patents in the fields of AI and neuroscience. Dr. Newton Howard is a Professor of Computational Neuroscience and Functional Neurosurgery at the University of Oxford, where he also serves as Director of the Computational Neuroscience Lab. At MIT, Professor Howard is the Director of the Synthetic Intelligence Laboratory and the former Director of the MIT Mind Machine Project. Professor Howard is an active member of several research laboratories worldwide, including the Descartes Institute, the Brain Physics Group and INSERM, in Paris. He is also the Founder and Chairman of the Brain Sciences Foundation.

Dr. Howard has been involved in a wide range of research, spanning academic, military and commercial domains and has resulted in several significant theories, including Intention Awareness (IA), the Fundamental Code Unit (FCU) and the Brain Code (BC). His recent work at Oxford has been focused on understanding how the most fundamental processes within the human brain produce thought and consciousness. He seeks to understand the language of the brain, for the purposes of providing advanced methods of detection and treatment for many neurological disorders such as Alzheimer's Disease (AD), Parkinson's Disease (PD), Post Traumatic Stress Disorder (PTSD), depression, epilepsy and diabetes.