

Russell J Andrews – Brief Bio

Russell J Andrews is a neurosurgeon whose interests and background go beyond clinical neurosurgery. His training included a doctorate in Human Development from Harvard University, neurosurgery residency at Stanford University, and training at the National Hospitals for Nervous System Diseases in London. His experience has included two years as a US Army Flight Surgeon, 15 years on the neurosurgery faculty of several university medical centers (including Stanford), and a similar period in private practice neurosurgery in Silicon Valley, California. He has also been a medical advisor for the Nanotechnology and Smart Systems groups at NASA Ames Research Center in Silicon Valley for over 20 years.

He has had an interest in international neurosurgery in particular and international healthcare in general. He is Past Chair of the International Committee of the American Association of Neurological Surgeons, and is Editor of the Newsletter of the World Federation of Neurosurgical Societies (WFNS). He is on the board of several neuroscience and medical societies, President of the International Conference on Neuroprotective Agents, and a member of the WFNS Neurotrauma, Mass Casualty, and Neurorehabilitation Committees. He and neurosurgical colleagues in Chile and Pakistan have developed the Disaster Response Center Project – with the goal of taking the trauma and stroke center model and expanding it to address both natural and man-made mass casualties on an international basis.

He is author or co-author of over 75 peer-reviewed research articles and over 40 book chapters, as well as having made over 300 presentations at major scientific conferences worldwide (many as an invited speaker). He has published two books: (1) Editor: *Intraoperative Neuroprotection*. Williams & Wilkins, 1996; Author: *Too Big to Succeed: Profiteering in American Medicine*. iUniverse, 2013. Together with colleagues from NASA, he holds medical device patents.