

## **Russell J Andrews – Brief Bio**

Russell J Andrew's training included a doctorate in Human Development (Harvard), medical school (Dartmouth), neurosurgery residency (Stanford), and 6 months at the National Hospital, Queen Square, 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 UC Davis and Stanford), and a similar period in private practice neurosurgery in Silicon Valley. He has been medical advisor for 25 years at NASA Ames Research Center with the Nanotechnology and Smart Systems groups. For the past two years, he has been a guest lecturer for Stanford's Mechanical Engineering course ME 268 (Robotics, AI and Design of Future Education).

Appointments include: Past Chair, International Outreach Committee, American Association of Neurological Surgeons; Newsletter Editor, World Federation of Neurosurgical Societies (WFNS); Section and Feature Editor, *World Neurosurgery*; board member of several medical societies; President, International Conference on Neuroprotective Agents (ICNA); and member, WFNS Neurotrauma, Mass Casualty, and Neurorehabilitation Committees.

He is author/co-author of over 90 research articles, over 40 book chapters, and 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; (2) Author: *Too Big to Succeed: Profiteering in American Medicine*. iUniverse, 2013. Together with colleagues from NASA, he holds medical device patents.