



Brief Curriculum Vitae – Russell J. Andrews

Full Name: Russell Joseph Andrews

Home: 244 Mistletoe Road, Los Gatos, California, USA 95032

Date of Birth: April 6, 1947

Nationality: USA

Appointment: Ames Associate (Smart Systems & Nanotechnology), National Aeronautics and Space Administration (NASA) Ames Research Center, Moffett Field, California, USA 94035

Education: Undergraduate, graduate, medical school – Dartmouth and Harvard University

Residency: Surgical Internship – Walter Reed Army Medical Center
Neurosurgery Residency – Stanford University Medical Center

Professional: Faculty member (Neurosurgery) at the following (1986-2001):
University of California, Davis, Medical Center
Stanford University Medical Center
State University of New York Upstate Medical Center
Texas Tech University Medical Center
Currently (since 1998): Ames Associate (Smart Systems & Nanotechnology) at NASA Ames Research Center, Moffett Field, CA, USA

Major Committees:

American Association of Neurological Surgeons: Immediate Past Chair, International Outreach Committee
Asian Conference of Neurological Surgeons – Executive Committee
Bioluminate, Inc. (NASA patent licensee): Scientific Advisory Board
Computer Assisted Radiology and Surgery (CARS): Program Committee
Congress of Neurological Surgeons: International Committee
Epilepsy Foundation of Northern California: Board Member
International Conference on Neuroprotective Agents: Co-Director
World Federation of Neurosurgical Societies: International Initiatives & Education/Training Committee

Publications: Editor, Intraoperative Neuroprotection. Baltimore: Williams & Wilkins, 1996.
Author/co-author of over 30 book chapters
Author/co-author of over 50 peer-reviewed research articles
Presenter/co-presenter of over 150 presentations at major
national/international scientific meetings

Patents: "Multimodality Instrument for Tissue Characterization" US Patent #6,718,196 (April 6, 2004) to NASA on behalf of RW Mah and RJ Andrews.
"Carbon Nanotube-based Nanoelectrode Array for Deep Brain Stimulation" Patent Application by NASA on behalf of J Li, M Meyyappan, R Andrews, NASA Ames Research Center, March, 2003.