Virtual Mentor
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About the Contributors

Theme Issue Editor

Jordan P. Amadio, MD, MBA, is a senior neurosurgery resident at Emory University School of Medicine in Atlanta, Georgia, and co-founder of NeuroLaunch, the world’s first neuroscience startup accelerator. He was educated at Princeton and MIT and received his MD at Harvard Medical School. In 2014, Dr. Amadio received the American Medical Association Foundation’s Excellence in Medicine award recognizing his leadership in the early-stage medical innovation community and was named “40 under 40” by the Atlanta Business Chronicle. His research interests lie at the interface of emerging technologies and the human nervous system, including neuromodulation and wearable computing.

Contributors

John D. Banja, PhD, is a professor and medical ethicist at the Center for Ethics at Emory University in Atlanta. He is the author of Medical Errors and Medical Narcissism and consults frequently on medical malpractice cases.

Kara Beasley, DO, MBe, is a neurosurgeon and bioethicist at Boulder Neurosurgical and Spine Associates in Boulder, Colorado. During a fellowship in functional and restorative neurosurgery at the Cleveland Clinic, she participated in a special concentration in neuroethics. Her areas of interest include tumor, deep brain stimulation for movement disorders, neuromodulation for refractory chronic pain, and the surgical treatment of epilepsy.

Mark Bernstein, MD, MHSc, is a professor of surgery and holds the Greg Wilkins-Barrick Chair in International Surgery at the University of Toronto and is a neurosurgeon at Toronto Western Hospital in Ontario, Canada. He is interested in neuro-oncology, bioethics, and international surgery.

Jessica Emery is a clinical research coordinator at the Emory ALS Center in the Department of Neurology and an institutional review board member at Emory University in Atlanta. Her career has focused on Phase I-III clinical trials in neurological surgery, cardiac electrophysiology, and neurology, including amyotrophic lateral sclerosis (ALS). She has a particular interest in ethical considerations of human research with vulnerable patient populations, specifically regarding the rights of involved participants.
Bryn Esplin, JD, is a fellow in the Cleveland Fellowship in Advanced Bioethics and an adjunct professor at Case Western Reserve University in Cleveland, Ohio. Ms. Esplin’s primary research interests focus on neuroethics, mental health, and global health law policy.

Paul J. Ford, PhD, is the director of the neuroethics program and education director for the Department of Bioethics at the Cleveland Clinic and an associate professor in the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University in Cleveland, Ohio. He has participated in clinical research in a number of capacities and as a principal investigator on qualitative ethics studies. He has co-edited two books and is the author of more than 70 publications. Dr. Ford’s primary research interests focus on ethical issues raised by neurosurgical interventions.

James Giordano, PhD, MPhil, is chief of the Neuroethics Studies Program of the Edmund D. Pellegrino Center for Clinical Bioethics and a professor of neurology at Georgetown University Medical Center, Washington, DC. His research focuses on the neurobiology of neuropsychiatric spectrum disorders and the neuroethical issues engendered by the use of neurotechnology in neurologic, psychiatric, and neurosurgical research and practice.

Michael M. Haghland, MD, PhD, is distinguished professor of neurosurgery and a professor of neurobiology and global health at Duke University in Durham, North Carolina. He serves as the program director for the Duke Neurosurgery Training Program and as the co-director of the Uganda Neurosurgery Training Program. He is currently enrolled in the University of Southern California’s master of academic medicine program. His areas of interest include innovative approaches to resident education, the surgical treatment of epilepsy and spinal disorders, and leading a global neurosurgery program in East Africa.

Marwan Hariz, MD, PhD, is chair of functional neurosurgery at the University College London (UCL) Institute of Neurology in London, UK, and a part-time adjunct professor in the Department of Clinical Neuroscience at Umeå University in Umeå, Sweden, where he trained in neurosurgery. Dr. Hariz contributed to the establishment of UCL’s multidisciplinary clinical and academic Unit of Functional Neurosurgery. His main interests are surgery for movement disorders and psychiatric illness, the history of this field, and ethics of functional neurosurgery.

George M. Ibrahim, MD, PhD, is a senior neurosurgery resident at the University of Toronto in Ontario, Canada. He is interested in bioethics, international surgery, and pediatric epilepsy.

Michael L. Kelly, MD, MA, is a chief resident in neurosurgery at the Cleveland Clinic in Cleveland, Ohio, with clinical and research interests in neurotrauma, surgical decision making, and outcomes research.
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Guy M. McKhann II, MD, is a neurosurgeon and translational neuroscientist at Columbia University Medical Center/New York Presbyterian Hospital in New York City. At Columbia, he is the director of the Adult Hydrocephalus Center and of epilepsy and movement disorder surgery and awake brain mapping for tumors and epilepsy. In addition, he leads the Epilepsy Neurophysiology Laboratory and extensively collaborates with the Brain Tumor and Cognitive Neurophysiology research programs.

Jayant Menon, MD, MEng, is a clinical instructor in neurosurgery at Stanford University School of Medicine in Stanford, California, and a medical specialist and bioengineer at IDEO, LLC.

Jonathan Riley, MD, is a resident physician in the Department of Neurosurgery at Emory University in Atlanta. His longstanding research interests and activities focus on supporting delivery of biologics to the central nervous system. This research includes a recently completed Phase I and Phase II clinical trial assessing a cell-based therapeutic in the treatment of amyotrophic lateral sclerosis (ALS).

Daniel J. Riskin, MD, MBA, is a consulting associate professor of surgery in the school of medicine and an affiliate faculty member of Stanford Biodesign at Stanford University in Stanford, California.

Brian D. Rothstein MD, MS, is a fifth-year resident in neurosurgery at University Hospitals Case Medical Center in Cleveland, Ohio. He is a group facilitator in the CWRU School of Medicine Foundations of Clinical Medicine programs, which address important elements of medicine including communication and leadership skills, ethics, and the social aspects of being of a physician.

Nathan R. Selden, MD, PhD, is the Campagna Chair of Pediatric Neurological Surgery and director of the neurological surgery residency program at Doernbecher Children’s Hospital and vice chair for education in the Department of Neurological Surgery in the school of medicine at Oregon Health and Science University in Portland. He is also chair of the Neurological Surgery Milestones Group of the Accreditation Council for Graduate Medical Education (ACGME) and of the Society of Neurological Surgeons’ Committee on Resident Education representing US residency program directors. Dr. Selden’s research focuses on evidence-based decision making in neurological surgery, educational science, clinical outcomes in pediatric neurological surgery, and behavioral neuropharmacology.
Warren R. Selman, MD, is chairman of the Department of Neurological Surgery at Case Western Reserve University School of Medicine and director of the Neurological Institute at University Hospitals Case Medical Center in Cleveland, Ohio.

Brett E. Youngerman, MD, is a resident in neurosurgery at Columbia University Medical Center in New York City. He was a recipient of the Doris Duke Clinical Research Fellowship in 2010-2011. His interests include movement disorders, functional imaging and neurophysiology, and outcomes and quality improvement.