



BROWN
Alpert Medical School

June 14, 2021
9-11AM
via Zoom

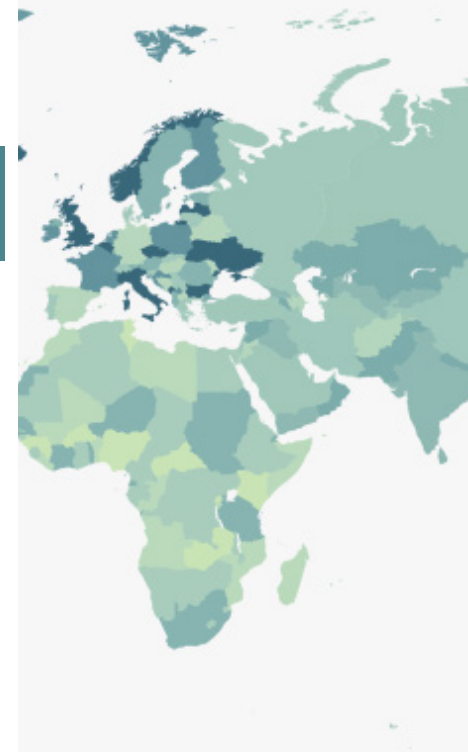


Lifespan

Brown Neurosurgery
Virtual Visiting Scholars

GLOBAL NEUROSURGERY PANEL

Aim: Highlight the work of neurosurgeons who have incorporated international work into their practice. Help attendings, residents, medical students, and other Brown Neurosurgery affiliates learn about how one may navigate such spaces in which we do not always have direct training.

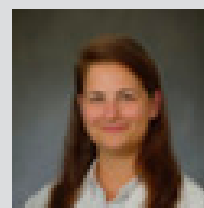


MICHAEL HAGLUND, MD PhD

Mulago National Referral Hospital (Mulago, Uganda)

Duke Division of Global Neurosurgery and
Neurology

SingHealth Duke-National University of Singapore
Global Health Institute



KERRY VAUGHN, MD

University of Toronto's Hospital for Sick Children

Paul Farmer Global Surgery Research Fellowship,
Boston, MA

CURE Children's Hospital, Mbale, Uganda



RAHUL JANDIAL, MD PhD

International Neurosurgical Children's Association
City of Hope Cancer Center, Duarte, CA

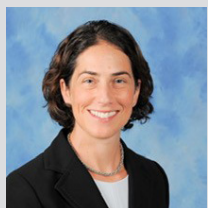


BENJAMIN WARF, MD

Boston Children's Hospital

Harvard Medical School Program in Global
Surgery and Social Change

CURE Children's Hospital & CURE Hydrocephalus
(Mbale, Uganda)



HEATHER SPADER, MD

University of New Mexico

Tenwek Hospital Neurosurgery Residency
Program (Kenya)

CURE Children's Hospital (Mbale, Uganda)

MICHAEL HAGLUND, MD, PhD, MEd

Dr. Haglund studied at Pacific Lutheran University, earned his MD at the University of Washington School of Medicine, and completed his residency, epilepsy fellowship, PhD at the University of Washington, followed by a MEd from the University of Southern California. He is currently a Professor and Residency Program Director at Duke Neurosurgery.

Dr. Haglund has done global neurosurgical work in Ecuador, Uganda, Rwanda, Kenya, and Singapore. In 2007 when Dr. Haglund established Duke's collaboration with Mulago National Referral Hospital/Makerere University College of Health Sciences to pioneer a Neurosurgery Training Program, one of Sub-Saharan Africa's only neurosurgery residency programs. As of 2020, 7 new neurosurgeons have been trained, with 9 more are currently in the program. In 2014, he founded Duke's Division of Global Neurosurgery and Neurology, which is a team of over 60 members focusing on traumatic brain injury treatment and research and developing epilepsy centers of excellence in Uganda.

Dr. Haglund also founded the Duke Global Health PLUS (Placement of Life-Saving Useable Surplus) program, which has provided more than 92 tons of medical equipment and supplies worth \$13 million to Uganda, and more than \$1 million of equipment. He also serves as a Professor of Global Health to the SingHealth Duke-National University of Singapore Global Health Institute in 2019, working with neurosurgeons in Singapore/Myanmar. Dr. Haglund received the AANS Humanitarian Award (2015), as well as the Duke University and the University of Washington Humanitarian Awards in 2018.

RAHUL JANDIAL, MD PhD

Dr. Jandial is a brain tumor neurosurgeon-neuroscientist, global neurosurgery pioneer, Sunday Times bestseller author, and media figure. He earned his BA at UCLA, his MD at USC, and his PhD and residency at UCSD. Currently is an associate professor of neurosurgery at the City of Hope cancer center in Duarte, CA and leads the Jandial brain tumor lab.

On the global neurosurgery front, Dr. Jandial founded and co-directs INCA, the International Neurosurgical Children's Association, which works with charity hospitals in Central America, South America, Eastern Europe, and Africa. INCA deploys surgeons on targeted one-week visits over several years to build/renovate local children's brain surgery programs.

Dr. Jandial has also authored Sunday Times bestseller books. He is active in the media as a contributor to KTLA-TV, ESPN-LA, and VICE, in addition to appearances on Nat Geo and FOX Superhuman.

HEATHER SPADER, MD

We are pleased to welcome back Dr. Heather Spader, a Brown Neurosurgery alum. Dr. Spader completed her undergraduate study at the University of Virginia, her MD from the University of South Dakota, her residency here with us at Brown, and her pediatric neurosurgery fellowship at Primary Children's Hospital through the University of Utah in Salt Lake City, Utah. She is now the chief of pediatric neurosurgery at the University of New Mexico in Albuquerque, NM.

Dr. Spader's interest in medicine was started while managing a hospital-based nonprofit in the Philippines. She has always maintained an interest in pursuing international training. During her residency at Brown she was able to go to the CURE hospital in Uganda to learn to do ETV/CPCs. She has also been involved in helping train general surgery residents in Soddo, Ethiopia to do basic neurosurgical procedures. She currently serves as faculty for the neurosurgery residency at Tenwek Hospital in Kenya and hopes to get there in the next year.

KERRY VAUGHN, MD

Dr. Vaughan is currently a pediatric neurosurgery fellow at the University of Toronto's Hospital for Sick Children. She completed her undergraduate degree at Princeton, followed by medical school at Columbia, and neurosurgery residency at Penn. During her residency, Dr. Vaughan worked at CURE International in Mbale, Uganda, and spent her academic time as a Paul Farmer Global Surgery Research Fellow. Through this work she has participated in advocacy work and authored several academic journal articles about the global burden of disease and existing neurosurgical infrastructure and strategy in low and middle income countries.

BENJAMIN WARF, MD

Benjamin Warf is a pediatric neurosurgeon who has revolutionized the treatment of hydrocephalus. He completed undergraduate studies at Georgetown College and medical school at Harvard, followed by neurosurgery residency at Case Western Reserve University.

In 2000, Warf moved to Uganda with his wife and 6 children, and established CURE Children's Hospital in Mbale, Uganda, becoming the Medical Director and Chief of Surgery. There, he encountered a high incidence of hydrocephalus. Given that shunt procedures are both prohibitively expensive and require sustained medical monitoring beyond the reach of most children in the developing world, Warf introduced an alternative, low-cost treatment: endoscopic third ventriculostomy and choroid plexus cauterization (ETV+CPC). In carefully designed clinical trials, he demonstrated that ETV+CPC is safe and effective as ventricular shunts, but requires far less medical infrastructure and post-surgical maintenance. Warf also developed CURE Hydrocephalus and Spina Bifida program, a training program and network for neurosurgeons throughout Africa, Asia, and the Middle East, increasing exponentially the number of children who can now be treated using his method. CURE International is now fully staffed by local neurosurgeons. Dr. Warf remains their director of research, a member of their Board of Trustees, and senior medical advisor.

In 2007, he returned to practicing pediatric neurosurgery in the US, and is now at Boston Children's Hospital, as director of Neonatal and Congenital Neurosurgery and chair in hydrocephalus and spina bifida at Boston Children's Hospital. He founded the Global Hydrocephalus and Spina Bifida Program there and, in 2016, started the hospital's first global pediatric neurosurgery fellowship. He has received the Humanitarian Award of the American Association of Neurological Surgeons, as well as the 2012 MacArthur "Genius" grant.