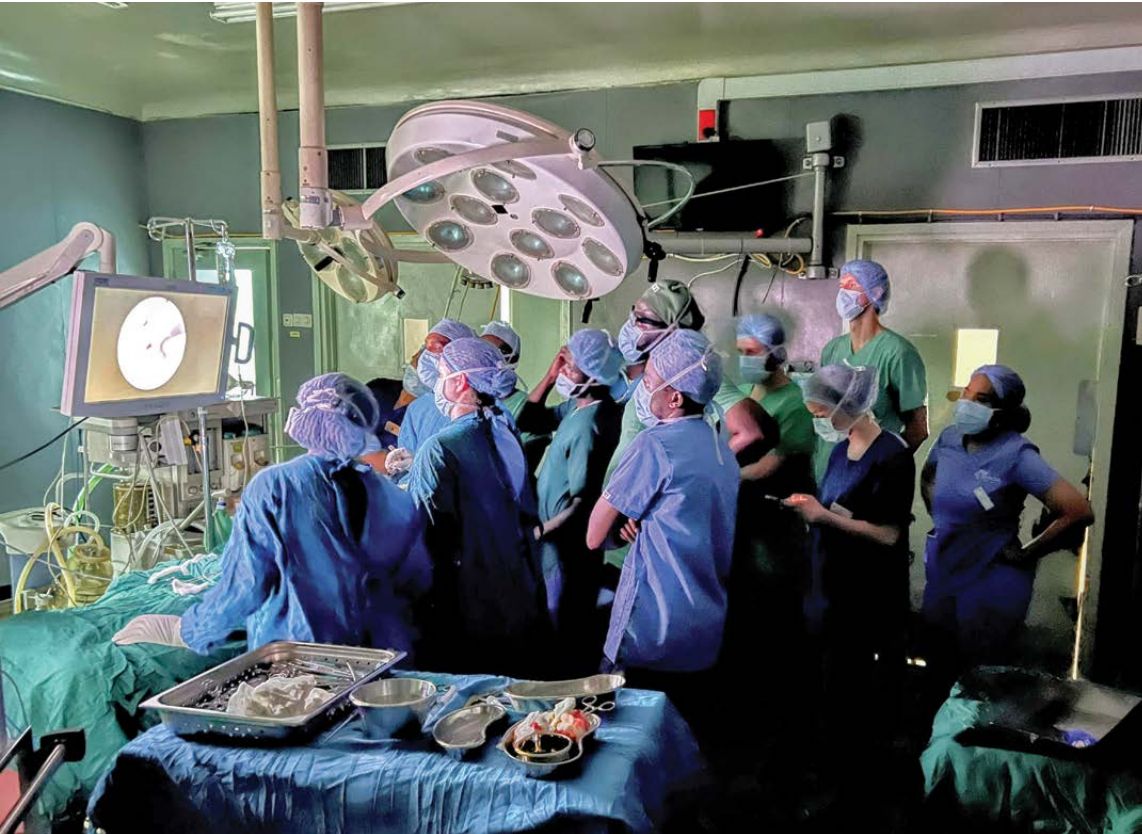


Barrow Global



In 2022, thanks in large part to the generosity of the Franke family, Barrow Global was officially established to improve access to advanced neuroscience care in the developing world by educating and training physicians, nurses, researchers, and clinicians.

While many other healthcare institutions have invested in global education, student exchange, and shared research platforms, Barrow Global is forging a new frontier by implementing a Train Forward model that focuses on extended in-country training by Western neuroscience specialists. The Barrow Global team extensively trains neurologists, neurosurgeons, nurses, and staff at their site of origin. This way, they can perform neurosurgical procedures and provide post-operative care even without a Barrow Global on-site presence.

The services provided by Barrow Global are founded on the same principles and practices that have established Barrow Neurological Institute as a world-renowned center for neurosurgery, neurology, and neuroscience.

IMPACT OF PHILANTHROPY



TRAINING AND EDUCATION

150 students rotating through neurosurgical unit

100 students participating in clinical rounds



CLINICAL CARE

352 neurosurgical operations

5,000+ non-operative consultations



INTERNATIONAL OUTREACH

60 visiting scholars and observers

27 different countries

International Observers, Scholars, and Students

The Barrow Visiting Scholar and Neuroscience Observer Program enables visiting neuroscience faculty worldwide to learn advanced techniques and skills that will allow them to improve patient care. Between July 2023 and February 2024, Barrow hosted 60 visiting scholars and observers representing 27 different countries.

The Franke Global Undergraduate Internship Program provides two international students with the opportunity to attend a 10-week summer internship program at Barrow and work in one of its renowned research labs. The 2024 Franke Interns were Francisco Javier Gomez Vertiz from Guanajuato, Mexico, and Vitor Ikeda Ito Silva from Sao Paulo, Brazil. They were chosen from a total of 74 applicants representing 24 countries worldwide.

“Thank you so much for the opportunity to develop my skills to reach my career goals and grow as a person. The experiences I had and the people I met at Barrow have changed my life.”

Vitor Ikeda Ito Silva



“Thank you for supporting me through this experience and inspiring me to continue down the path to pursue medicine as a career.”

Francisco Javier Gomez Vertiz



Barrow Global in Tanzania

Through this first-of-its-kind partnership with Kilimanjaro Christian Medical Centre (KCMC) in Tanzania, East Africa, Barrow Global neuroscience specialists collaborate with neurosurgeons, applying U.S.-level neurosurgical skills in patient care, as well as training other regional and local neurosurgeons.

Arriving in May 2023, Franke Global Neurosurgery Fellow Kerry Vaughan, MD, spent the next 10 months

fully immersed in KCMC's culture, influencing all aspects of global neurosurgical care and education.

Funded through philanthropy, Dr. Vaughan and the Barrow Global team provided training to the KCMC team on complex cases, leading to multiple landmark procedures. This includes KCMC's first successful pituitary tumor surgery utilizing the transsphenoidal (through the nose and sinus) approach.



On the Horizon

Barrow Global in Tanzania

- The Barrow Global team has several planned site visits with program directors from neuroanesthesia, neuroradiology, neuroscience nursing, and neurocritical care, who will assess KCMC resources and capabilities to design and implement support plans.
- In November 2024, Barrow Global medical student Chibueze Agwu will travel to KCMC to continue supporting program research, patient engagement, and data analysis.

- The Barrow Global and KCMC teams jointly applied for Neurosurgery Residency Program accreditation through COSECSA and were accepted. The team anticipates the Neurosurgery Residency Program to launch in early 2025.

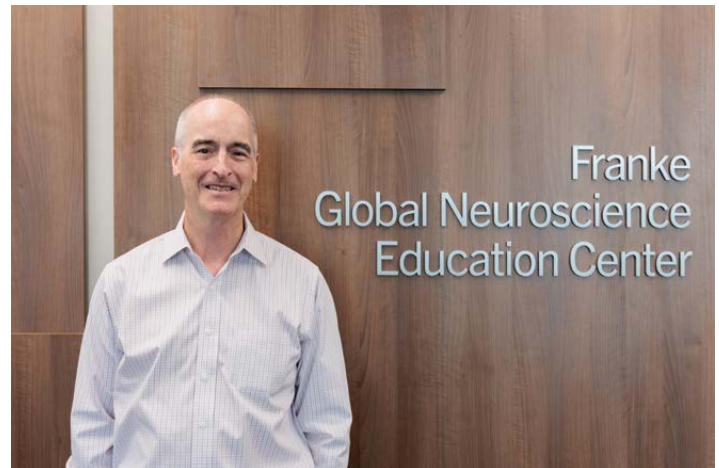
International Observers, Scholars, and Students

- Through the formation of a Barrow Global selection committee, one neurology observer and one neurosurgery observer from low- and middle-income countries will receive advanced neuroscience training to share with their counterparts at home.

- Applications for the 2025 Franke Global Undergraduate Internship Program will open in December 2024.

Barrow Global - Expansion

- Barrow Global has identified three Latin American countries for partner-site expansion: Panama, Paraguay, and Costa Rica. The team is currently interviewing neurosurgeons and other health professionals from these countries and plans to have a final Latin America site selected in early 2025.



The mission of Barrow Neurological Foundation is simple: to be the catalyst of our donors' passion for transformation by providing the resources for Barrow Neurological Institute to achieve its mission of saving human lives through innovative treatment, groundbreaking research, and educating the next generation of the world's leading neuroscience specialists.