



INTERNATIONAL NEUROTRAUMA FELLOWSHIP

The Director of the Barrow Neurological Institute at Phoenix Children's Hospital in United States of America and the Director of the Foundation for Medical Education and Research in Emergency and Disasters in Colombia offers the first INTERNATIONAL NEUROTRAUMA FELLOWSHIP for Neurological Surgeons from Low and Middle Income Countries, supported in part by the Integra Foundation.

OVERVIEW

This fellowship is designed to train neurological surgeons from low and middle-income countries planning to pursue a clinical career in trauma research and trauma neurosurgery. An additional Global Health focus will be obtained with this training program.

PROGRAM DETAILS

The International Neurotrauma Fellowship is an international combined academic effort certified by the Barrow Neurological Institute at Phoenix Children's Hospital in USA and the Foundation for Medical Education and Research in Emergency and Disasters in Colombia. This one year clinical and research fellowship based at a Trauma Reference University Hospital in Colombia with an international research component based at a Specialized Neuroscience Research Center in United States will provide a unique international global health training experience for obtain a qualified expertise in the management of adult and pediatric Neurotrauma patients at worldwide level.

The program has been organized, by medical experts in the field within a full time educational experience in this subspecialty area. The program include supervised training experience in surgical, medical and research areas, covering aspects like emergency care, surgical care, intensive care and rehabilitation support of Neurotrauma patients. Additionally the fellow will take on a personal research project through the available resources within all the facilities that participate in the program.

The fellow will be devoted full time in Colombia during 9 months to treat acute and chronic neurosurgical disorders related to cranial Neurotrauma, including closed and penetrating head injuries, diffuse axonal injuries, brain edema, intra cerebral traumatic hemorrhage, vault cranial fractures, etc. During this period an extensive educational experience in the care of these patients will be sustained, including comprehensive and multidisciplinary management, performance of surgical procedures and integration of surgical therapies with neuro-intensive care clinical management. Clinical rounds and teleconferences within the North and South American mentors will be scheduled weekly in order to discuss several cases.

During the research part of the program, the fellow will be devoted 3 months in United States as J1 research scholar to participate in advanced research activities, including participation in clinical rounds and analyzing advanced neuro-monitoring devices for trauma care. Participation in the elaboration of articles for biomedical journal articles and participation in the Annual Neurotrauma Congress of the Neurotrauma Society are required as part of the research activities. An abstract of the fellow work will be elaborated and submitted in order to support the goal and objectives of the program.

The opportunity to learn the management of Neurotrauma at different level of environments, including from austere and low resources areas to high resources settings is something that have been advocated for different experts at worldwide level and according to policies proposed by the World Health Organization, this fellow have been designed to fill gaps in specialized medical training.



ADMISSION PREREQUISITES

In order to be an applicant for the International Neurotrauma Fellowship, the application format need to be filled, including all the additional documents that are required, like curriculum vitae, personal statement, letters of recommendation and certification of a neurological surgery program in the applicants original country.

PROGRAM ADMINISTRATION

The program administration is based in the two institutions that certified the program. There are two Co-Directors, one in Colombia and one in USA. The selection process is sustained in a common meeting were applications are evaluated and analyzed by a fellowship committee. Funds for salary are available and the host institutions cover a monthly salary for the fellow during the 12 months of the program. Additional support for travel costs during the annual Neurotrauma conference and the basic living expenses during the international rotation are also included into the budget.

CONTACT INFORMATION

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