**Department of Neurosurgery**

**Boston Children’s Hospital**

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International Traveling Fellowship: Yes

Resident Traveling Fellowship: Yes

**Program Description**

The Department of Neurosurgery at Boston Children’s Hospital is the oldest and largest pediatric neurosurgery program in the world. Founded in 1929 by Franc Ingraham, who is considered to be the father of pediatric neurosurgery, the Department has had a long and distinguished history. Today, the faculty consists of eight senior Board Certified Pediatric Neurosurgeons, including Liliana Goumnerova, Joseph R. Madsen, Mark Proctor, Shenandoah Robinson, R. Michael Scott, Edward Smith, Benjamin Warf and Alan R. Cohen. There is a rich, varied clinical volume with over 1,000 operative cases per year coming from a worldwide referral network.

Boston Children’s Hospital is a free-standing institution affiliated with Harvard Medical School and the Dana Farber Cancer Institute. Our Department of Neurosurgery shares residents with Brigham and Women’s Hospital. Neurosurgery residents from other programs also come here for formal pediatric neurosurgery training. Our Shillito Fellowship, instituted in 1991, supports an outstanding young neurosurgeon each year for advanced post-graduate clinical training. Shillito Fellows have gone on to assume leadership positions in pediatric neurosurgery across the country. Our Department has always placed a strong focus on education, and visitors routinely come from throughout the world to spend time with our team.

We have a close collaboration with the outstanding Departments of Neurology and Neurobiology at Children’s, and we have active ongoing research efforts in neural protection and regeneration, molecular neuro-oncology, novel surgical treatments for epilepsy, neuro-imaging, neuro-engineering, trauma, surgical simulation and neuro-endoscopy. We support a yearly Minimally Invasive Neurosurgery Research Fellowship and we participate in numerous translational research collaborations.