

Questionnaire:

To have your program listed for potential traveling fellows, please specify which fellowship(s) you are willing to sponsor:

X International Traveling Fellowship in Pediatric Neurosurgery (3 months)

X Resident Traveling Fellowship in Pediatric Neurosurgery (1 month)

SPONSORING INSTITUTION

Name of Institution/Program: Children's Memorial Hermann Hospital/University
of Texas Health Science Center at Houston

Name of Program Director: David Sandberg, MD

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Program Description: The Division of Pediatric Neurosurgery at Children's Memorial Hermann Hospital/McGovern Medical Center welcomes fellowship applicants for the AANS/CNS Resident Traveling Fellowship and International Traveling Fellowship in Pediatric Neurosurgery.

Our program is a busy pediatric neurosurgery program that includes 3 dedicated pediatric neurosurgeons (Drs. David Sandberg, Stephen Fletcher, and Manish Shah), 3 physician assistants, and a rotating resident. We perform over 500 pediatric neurosurgical procedures annually. Our program includes broad exposure to all areas of pediatric neurosurgery. Specific areas of strength include:

- * Pediatric Neuro-oncology: We are the site of novel clinical trials for malignant pediatric brain tumors
- * Epilepsy Surgery: We have a strong multidisciplinary program which includes 3 dedicated pediatric epileptologists and all diagnostic and treatment modalities includes MEG, SEEG, etc.
- * Fetal Myelomeningocele Repair: Our hospital was the first in Texas to perform this procedure and maintains an active surgical program with research initiatives on alternative repair approaches
- * Spasticity Program: Multidisciplinary spasticity program with significant experience performing single-level selective dorsal rhizotomy
- * Craniofacial Program: Multidisciplinary program with 2 dedicated craniofacial plastic surgeons and significant experience performing both open and endoscopic calvarial vault remodeling
- * Neuro-Endoscopy: High volume of neuro-endoscopic cases for hydrocephalus, arachnoid cysts, and brain tumors