# An Ohio State University, Nationwide Children's Hospital and the Institute of Pediatric Oncology (IOP)/Federal University of São Paolo (UniFeSP), Brazil, Collaborative Proposal in Neuro-oncology

#### Purpose

The management of children with CNS cancers demands close collaboration between pediatric oncologists specifically trained in CNS tumors (neuro-oncologists), pediatric neurosurgeons, radiation oncologists, pediatric neuro-pathologists and other specialists; without such intimate cooperation, misdiagnoses, delays in initiation of appropriate therapy, and the age-appropriate selection of therapies become sub-optimal, as is seen widely throughout South America.

at GRAACC and at Nationwide Children's. Formalization of educational visits for residents and fellows from IOP/GRAACC/ UNIFESP to OSU/NCH for 3 month periods for advanced training.

Enhancement of neuropathology infrastructure and expertise at IOP/ **GRAACC/UNIFESP** through educational interactions and training between NCH, OSU and IOP/GRAACC/UNIFESP neuropathologists.





#### **Ohio State Colleges/Units Involved**

The Chakravarti and Bell laboratory is an internationally-recognized brain tumor translational laboratory; Arnab Chakravarti leads the NRG Oncology **Brain Tumor Clinical & Translational** Committee and is the current Chair of the NIH Biomarker Study Section. Erica Hlavin Bell, PhD (OSU) currently collaborating with PI on a childhood CNS cancer grant for molecular profiling of medulloblastoma in an international study in which **IOP/GRAACC/UNIFESP** will also participate.

**OSU** Radiation Oncologist, Joshua Palmer, MD

We will initiate by conducting the second Pediatric Latin American Neurooncology (PLANO) conference, to be held in 2017 in São Paolo, attended by pertinent pediatric sub-specialists from South America.

## Impact

Our long-term goal is improvement in the care of children and adolescents with CNS cancer in Brazil in general, and São Paolo in particular, as manifested by improved cure and quality of survival outcome measures as well as measures of successful education

Perform a quantitative needs assessment of the pediatric neuro-oncology programs



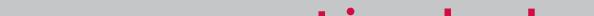


**The Ohio State** UNIVERSITY

OSU neuropathologist, Jose Otero MD, PhD OSU Undergraduate student, **Allison Fischer** 

#### **Community Partners Involved**

- Sergio Cavalheiro MD (IOP/GRAACC/ UNIFESP), internationally prominent pediatric CNS cancer surgeon.
- Andrea Cappellano MD and Nasjla Saba Da Silva MD (IOP/GRAACC/ UNIFESP neuro-oncologists) in developing the 2015 PLANO conference, and they are working together in planning the 2017 PLANO conference. Sergio Petrilli MD, the Founder
- and Director of the IPO/GRAAC Institution, will be the senior leader in Brazil for this project, and will lead educational training initiatives with Andreza Senerchia MD (pediatric oncologist IOP/ GRAACC/UNIFESP).



## How you can get involved:

 Assistance on future grants we can apply for as well as any resources for those interested in developing self-sustaining projects.

## To get involved, contact:

**Diana Osorio MD** Jonathan Finlay, MD